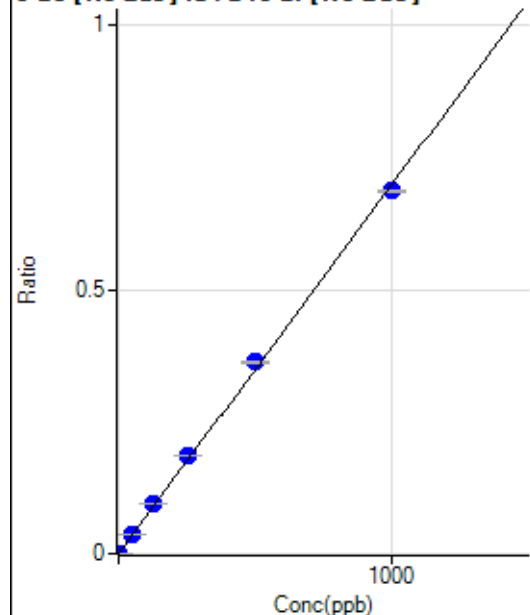


Calibration for 007CALS.d

Batch Folder: D:\ICP-MS Data\P7052919-MS.b\  
 Analysis File: P7052919-MS.batch.bin  
 DA Date-Time: 2019-05-30 00:04:06  
 Calibration Title:  
 Calibration Method: External Calibration  
 VIS Interpolation Fit:

| Level | Standard Data File | Sample Name | Acq. Date-Time      |
|-------|--------------------|-------------|---------------------|
| 1     | 004CALB.d          | S00         | 2019-05-29 12:26:32 |
| 2     |                    |             |                     |
| 3     | 006CALS.d          | S02         | 2019-05-29 12:34:44 |
| 4     | 007CALS.d          | S03         | 2019-05-29 12:38:41 |
| 5     | 008CALS.d          | S04         | 2019-05-29 12:42:38 |
| 6     | 009CALS.d          | S05         | 2019-05-29 12:46:29 |
| 7     | 010CALS.d          | S06         | 2019-05-29 12:50:19 |
| 8     | 011CALS.d          | S07         | 2019-05-29 12:54:06 |
| 9     | 012CALS.d          | S08         | 2019-05-29 12:57:52 |

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 64.44      | 0.0000 | P    | 13.2 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.013      | 1984.60    | 0.0007 | P    | 2.7  |
| 4 | <input type="checkbox"/> | 50.000   | 54.148     | 104141.29  | 0.0378 | P    | 1.3  |
| 5 | <input type="checkbox"/> | 125.000  | 134.756    | 250210.80  | 0.0941 | P    | 0.8  |
| 6 | <input type="checkbox"/> | 250.000  | 266.903    | 452897.85  | 0.1863 | P    | 0.7  |
| 7 | <input type="checkbox"/> | 500.000  | 519.583    | 849935.64  | 0.3626 | P    | 0.7  |
| 8 | <input type="checkbox"/> | 1000.000 | 984.556    | 1612195.32 | 0.6871 | P    | 0.7  |
| 9 | <input type="checkbox"/> |          |            | 362.23     | 0.0002 | P    | 10.8 |

$$y = 6.9785E-004 * x + 2.4303E-005$$

$$R = 0.9995$$

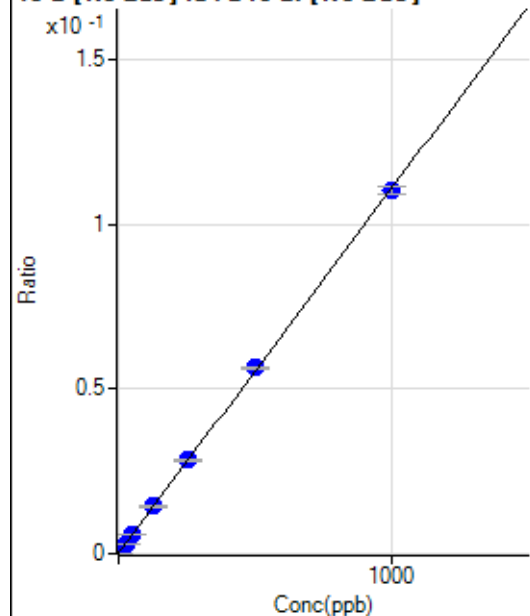
$$DL = 0.01378$$

$$BEC = 0.03483$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 400.02    | 0.0002 | P    | 21.9 |
| 2 | <input type="checkbox"/> | 2.500    |            |           |        |      |      |
| 3 | <input type="checkbox"/> | 25.000   | 24.077     | 7646.70   | 0.0028 | P    | 1.2  |
| 4 | <input type="checkbox"/> | 50.000   | 51.806     | 16220.43  | 0.0059 | P    | 3.9  |
| 5 | <input type="checkbox"/> | 125.000  | 128.804    | 38346.64  | 0.0144 | P    | 1.9  |
| 6 | <input type="checkbox"/> | 250.000  | 256.294    | 69376.24  | 0.0285 | P    | 1.6  |
| 7 | <input type="checkbox"/> | 500.000  | 508.619    | 132394.91 | 0.0565 | P    | 0.9  |
| 8 | <input type="checkbox"/> | 1000.000 | 993.574    | 258585.68 | 0.1102 | P    | 2.2  |
| 9 | <input type="checkbox"/> |          |            | 10704.21  | 0.0046 | P    | 10.4 |

$$y = 1.1076E-004 * x + 1.5082E-004$$

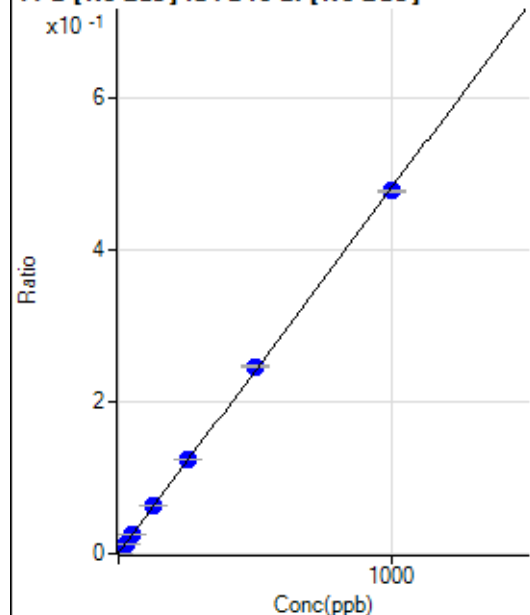
$$R = 0.9999$$

$$DL = 0.8937$$

$$BEC = 1.362$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1639.05    | 0.0006 | P    | 2.0 |
| 2 | <input type="checkbox"/> | 2.500    |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 25.000   | 24.326     | 33421.11   | 0.0123 | P    | 1.4 |
| 4 | <input type="checkbox"/> | 50.000   | 51.304     | 69644.71   | 0.0253 | P    | 0.9 |
| 5 | <input type="checkbox"/> | 125.000  | 129.167    | 166839.40  | 0.0627 | P    | 0.8 |
| 6 | <input type="checkbox"/> | 250.000  | 256.861    | 301742.32  | 0.1241 | P    | 1.6 |
| 7 | <input type="checkbox"/> | 500.000  | 510.787    | 577105.92  | 0.2462 | P    | 0.8 |
| 8 | <input type="checkbox"/> | 1000.000 | 992.322    | 1121009.63 | 0.4777 | P    | 0.3 |
| 9 | <input type="checkbox"/> |          |            | 45879.26   | 0.0196 | P    | 9.1 |

$$y = 4.8082\text{E-}004 * x + 6.1802\text{E-}004$$

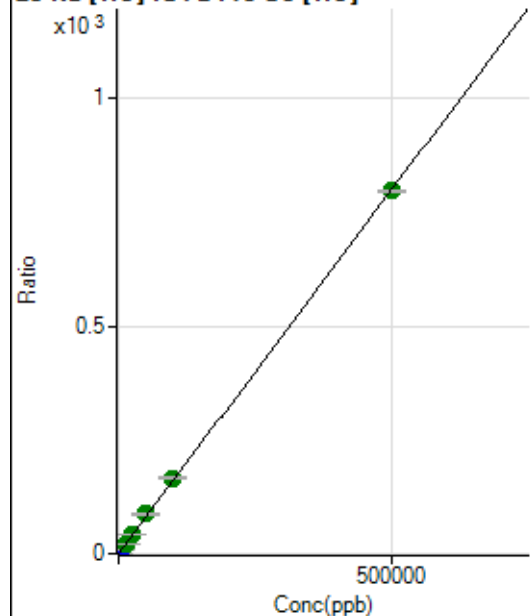
$$R = 0.9999$$

$$DL = 0.07794$$

$$BEC = 1.285$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS         | Ratio    | Det. | RSD |
|---|--------------------------|-----------|------------|-------------|----------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 3444.98     | 0.0155   | P    | 5.1 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |          |      |     |
| 3 | <input type="checkbox"/> | 500.000   | 489.001    | 185870.91   | 0.7976   | P    | 1.8 |
| 4 | <input type="checkbox"/> | 5000.000  | 5127.346   | 1889257.96  | 8.2157   | P    | 0.8 |
| 5 | <input type="checkbox"/> | 12500.000 | 13024.501  | 4439187.90  | 20.8458  | A    | 0.5 |
| 6 | <input type="checkbox"/> | 25000.000 | 26489.026  | 7967508.34  | 42.3798  | A    | 0.9 |
| 7 | <input type="checkbox"/> | 50000.000 | 54178.083  | 15527308.68 | 86.6632  | A    | 2.7 |
| 8 | <input type="checkbox"/> | 100000.00 | 104293.33  | 30486417.00 | 166.8132 | A    | 0.8 |
| 9 | <input type="checkbox"/> | 500000.00 | 498634.69  | 163672730.0 | 797.4884 | A    | 0.8 |

$$y = 0.0016 * x + 0.0155$$

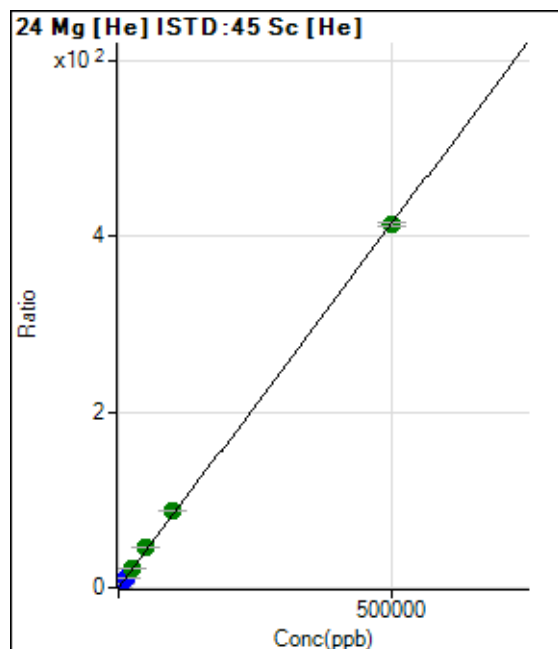
$$R = 0.9999$$

$$DL = 1.472$$

$$BEC = 9.701$$

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      | 175.01      | 0.0008   | P    | 25.1 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |          |      |      |
| 3 | <input type="checkbox"/> | 500.000   | 518.757    | 100276.85   | 0.4303   | P    | 1.9  |
| 4 | <input type="checkbox"/> | 5000.000  | 5246.543   | 999076.49   | 4.3446   | P    | 0.4  |
| 5 | <input type="checkbox"/> | 12500.000 | 13290.701  | 2343468.26  | 11.0048  | P    | 0.5  |
| 6 | <input type="checkbox"/> | 25000.000 | 27037.780  | 4208721.32  | 22.3866  | A    | 1.1  |
| 7 | <input type="checkbox"/> | 50000.000 | 54882.245  | 8141577.18  | 45.4403  | A    | 2.6  |
| 8 | <input type="checkbox"/> | 100000.00 | 105094.35  | 15902428.83 | 87.0132  | A    | 0.6  |
| 9 | <input type="checkbox"/> | 500000.00 | 498368.76  | 84681737.31 | 412.6229 | A    | 1.1  |

$$y = 8.2795\text{E-}004 * x + 7.8801\text{E-}004$$

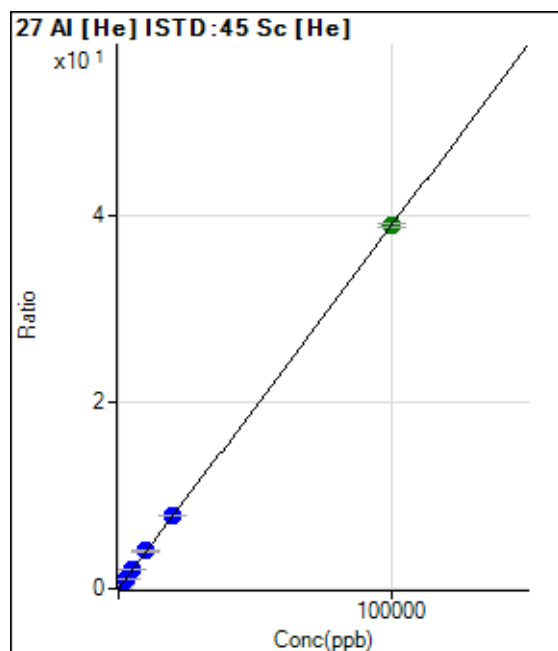
$$R = 0.9999$$

$$DL = 0.7181$$

$$BEC = 0.9518$$

Weight: <None>

Min Conc: 0



|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS        | Ratio   | Det. | RSD |
|---|--------------------------|-----------|------------|------------|---------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 55.56      | 0.0003  | P    | 8.9 |
| 2 | <input type="checkbox"/> | 2.000     |            |            |         |      |     |
| 3 | <input type="checkbox"/> | 20.000    | 20.718     | 1941.87    | 0.0083  | P    | 1.4 |
| 4 | <input type="checkbox"/> | 1000.000  | 999.020    | 89668.44   | 0.3899  | P    | 0.9 |
| 5 | <input type="checkbox"/> | 2500.000  | 2531.797   | 210362.09  | 0.9878  | P    | 0.3 |
| 6 | <input type="checkbox"/> | 5000.000  | 5162.802   | 378649.25  | 2.0141  | P    | 1.3 |
| 7 | <input type="checkbox"/> | 10000.000 | 10431.516  | 729080.96  | 4.0692  | P    | 2.8 |
| 8 | <input type="checkbox"/> | 20000.000 | 19997.974  | 1425674.24 | 7.8008  | P    | 0.7 |
| 9 | <input type="checkbox"/> | 100000.00 | 99948.328  | 8001252.17 | 38.9867 | A    | 0.9 |

$$y = 3.9007\text{E-}004 * x + 2.5024\text{E-}004$$

$$R = 1.0000$$

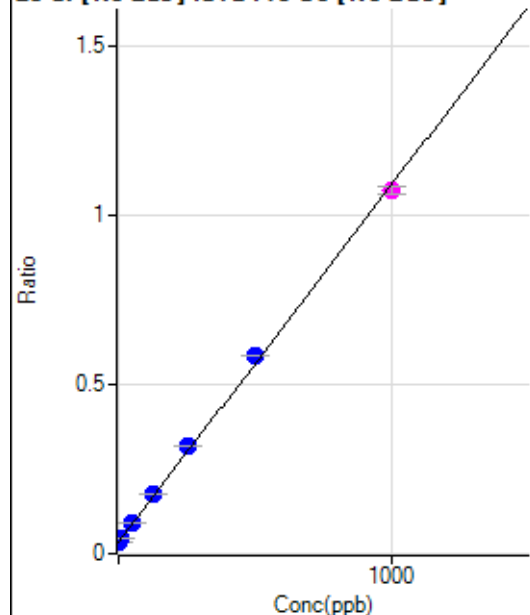
$$DL = 0.1719$$

$$BEC = 0.6415$$

Weight: <None>

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 156583.77  | 0.0339 | P    | 0.8 |
| 2 | <input type="checkbox"/> | 1.000    |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 10.000   | 9.112      | 210663.79  | 0.0435 | P    | 0.3 |
| 4 | <input type="checkbox"/> | 50.000   | 54.811     | 441335.82  | 0.0918 | P    | 0.9 |
| 5 | <input type="checkbox"/> | 125.000  | 134.179    | 805842.40  | 0.1756 | P    | 0.5 |
| 6 | <input type="checkbox"/> | 250.000  | 267.695    | 1304969.61 | 0.3165 | P    | 0.6 |
| 7 | <input type="checkbox"/> | 500.000  | 522.385    | 2322641.94 | 0.5855 | P    | 0.5 |
| 8 | <input type="checkbox"/> | 1000.000 | 983.005    | 4290416.24 | 1.0718 | M    | 2.2 |
| 9 | <input type="checkbox"/> |          |            | 380023.83  | 0.0926 | P    | 1.9 |

$$y = 0.0011 * x + 0.0339$$

$$R = 0.9994$$

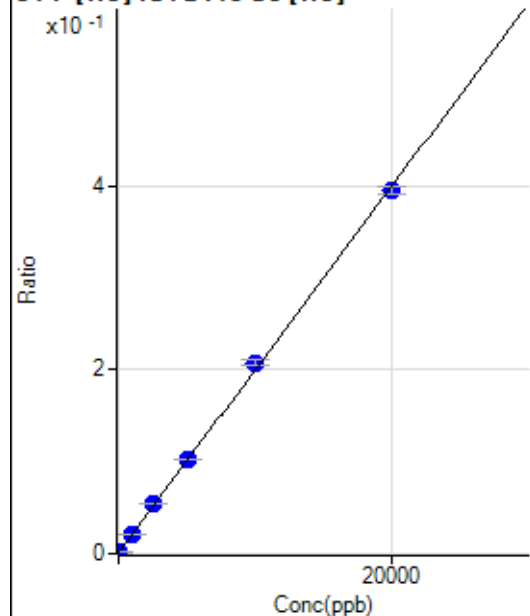
$$DL = 0.7713$$

$$BEC = 32.09$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS      | Ratio  | Det. | RSD  |
|---|--------------------------|-----------|------------|----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | -30.272    | 105.56   | 0.0005 | P    | 35.7 |
| 2 | <input type="checkbox"/> | 0.000     |            |          |        |      |      |
| 3 | <input type="checkbox"/> | 0.000     | 30.272     | 391.69   | 0.0017 | P    | 12.9 |
| 4 | <input type="checkbox"/> | 1000.000  | 1008.669   | 4870.44  | 0.0212 | P    | 3.0  |
| 5 | <input type="checkbox"/> | 2500.000  | 2657.239   | 11504.86 | 0.0540 | P    | 1.3  |
| 6 | <input type="checkbox"/> | 5000.000  | 5090.877   | 19274.23 | 0.1025 | P    | 1.8  |
| 7 | <input type="checkbox"/> | 10000.000 | 10383.730  | 37261.54 | 0.2080 | P    | 3.4  |
| 8 | <input type="checkbox"/> | 20000.000 | 19765.327  | 72180.85 | 0.3949 | P    | 2.0  |
| 9 | <input type="checkbox"/> |           |            | 136.12   | 0.0007 | P    | 9.3  |

$$y = 1.9927E-005 * x + 0.0011$$

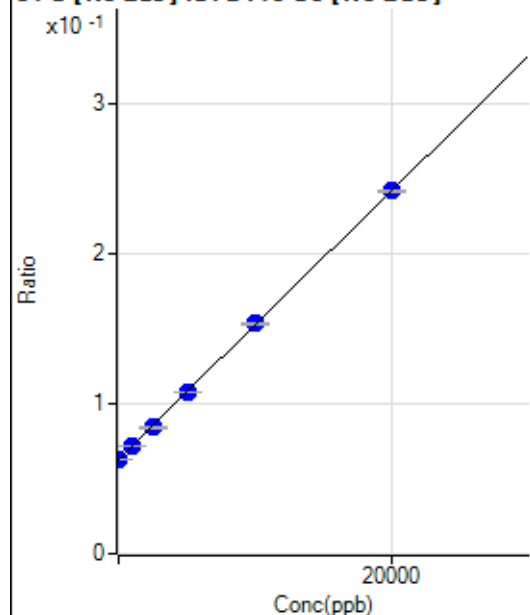
$$R = 0.9997$$

$$DL = 29.05$$

$$BEC = 54.14$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS       | Ratio  | Det. | RSD |
|---|--------------------------|-----------|------------|-----------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 3.371      | 291715.47 | 0.0631 | P    | 1.3 |
| 2 | <input type="checkbox"/> | 0.000     |            |           |        |      |     |
| 3 | <input type="checkbox"/> | 0.000     | -3.371     | 305368.10 | 0.0631 | P    | 0.3 |
| 4 | <input type="checkbox"/> | 1000.000  | 999.437    | 346600.30 | 0.0721 | P    | 0.8 |
| 5 | <input type="checkbox"/> | 2500.000  | 2381.595   | 387691.59 | 0.0845 | P    | 1.3 |
| 6 | <input type="checkbox"/> | 5000.000  | 5008.233   | 445343.82 | 0.1080 | P    | 0.5 |
| 7 | <input type="checkbox"/> | 10000.000 | 10115.054  | 610329.04 | 0.1538 | P    | 0.8 |
| 8 | <input type="checkbox"/> | 20000.000 | 19955.243  | 969309.61 | 0.2421 | P    | 0.7 |
| 9 | <input type="checkbox"/> |           |            | 252142.27 | 0.0614 | P    | 2.5 |

$$y = 8.9721\text{E-}006 * x + 0.0631$$

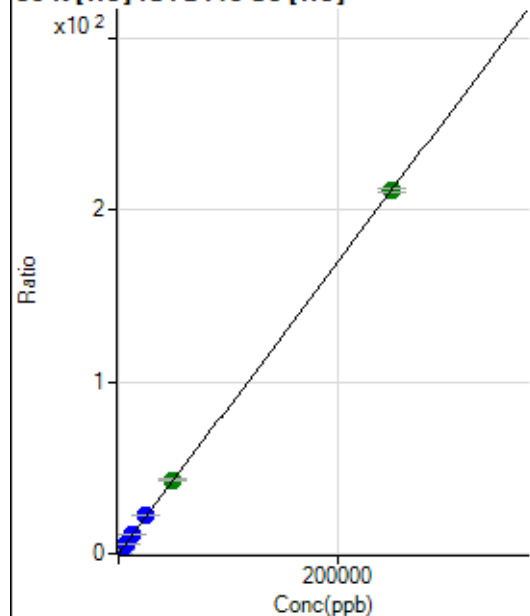
R = 1.0000

DL = 169.1

BEC = 7032

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS         | Ratio    | Det. | RSD |
|---|--------------------------|-----------|------------|-------------|----------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 14513.15    | 0.0654   | P    | 1.7 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |          |      |     |
| 3 | <input type="checkbox"/> | 500.000   | 490.099    | 111762.95   | 0.4796   | P    | 1.7 |
| 4 | <input type="checkbox"/> | 2500.000  | 2566.135   | 513759.70   | 2.2342   | P    | 0.7 |
| 5 | <input type="checkbox"/> | 6250.000  | 6461.973   | 1176911.59  | 5.5268   | P    | 1.0 |
| 6 | <input type="checkbox"/> | 12500.000 | 13027.253  | 2082234.99  | 11.0755  | P    | 0.9 |
| 7 | <input type="checkbox"/> | 25000.000 | 26488.743  | 4022936.98  | 22.4526  | P    | 2.4 |
| 8 | <input type="checkbox"/> | 50000.000 | 50766.747  | 7853401.91  | 42.9715  | A    | 0.7 |
| 9 | <input type="checkbox"/> | 250000.00 | 249665.47  | 43319238.47 | 211.0731 | A    | 1.0 |

$$y = 8.4516\text{E-}004 * x + 0.0654$$

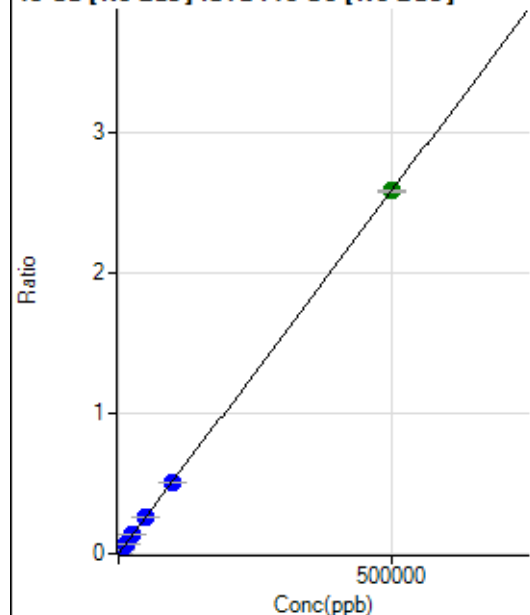
R = 1.0000

DL = 3.941

BEC = 77.33

Weight: &lt;None&gt;

Min Conc: 0

**43 Ca [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      | 111.12      | 0.0000 | P    | 36.8 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 500.000   | 496.266    | 12550.24    | 0.0026 | P    | 3.4  |
| 4 | <input type="checkbox"/> | 5000.000  | 5096.033   | 126949.22   | 0.0264 | P    | 0.6  |
| 5 | <input type="checkbox"/> | 12500.000 | 12926.290  | 307134.96   | 0.0669 | P    | 0.7  |
| 6 | <input type="checkbox"/> | 25000.000 | 25964.414  | 553956.21   | 0.1344 | P    | 1.0  |
| 7 | <input type="checkbox"/> | 50000.000 | 51499.966  | 1057284.03  | 0.2665 | P    | 0.5  |
| 8 | <input type="checkbox"/> | 100000.00 | 98863.418  | 2047999.96  | 0.5116 | P    | 0.4  |
| 9 | <input type="checkbox"/> | 500000.00 | 500017.48  | 10621855.79 | 2.5873 | A    | 0.7  |

$$y = 5.1744\text{E-}006 * x + 2.4035\text{E-}005$$

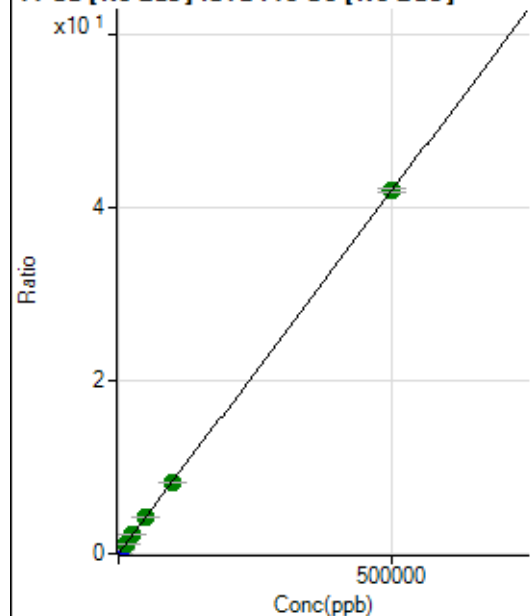
$$R = 1.0000$$

$$DL = 5.133$$

$$BEC = 4.645$$

Weight: &lt;None&gt;

Min Conc: 0

**44 Ca [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      | 6624.19     | 0.0014  | P    | 2.4 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |         |      |     |
| 3 | <input type="checkbox"/> | 500.000   | 485.329    | 203951.06   | 0.0421  | P    | 0.4 |
| 4 | <input type="checkbox"/> | 5000.000  | 5138.405   | 2078793.93  | 0.4322  | P    | 1.1 |
| 5 | <input type="checkbox"/> | 12500.000 | 12853.861  | 4952580.62  | 1.0790  | A    | 0.6 |
| 6 | <input type="checkbox"/> | 25000.000 | 25702.307  | 8888448.03  | 2.1560  | A    | 0.6 |
| 7 | <input type="checkbox"/> | 50000.000 | 51131.090  | 17010496.56 | 4.2877  | A    | 0.1 |
| 8 | <input type="checkbox"/> | 100000.00 | 98773.351  | 33153103.17 | 8.2815  | A    | 0.4 |
| 9 | <input type="checkbox"/> | 500000.00 | 500086.89  | 172108783.0 | 41.9230 | A    | 0.9 |

$$y = 8.3829\text{E-}005 * x + 0.0014$$

$$R = 1.0000$$

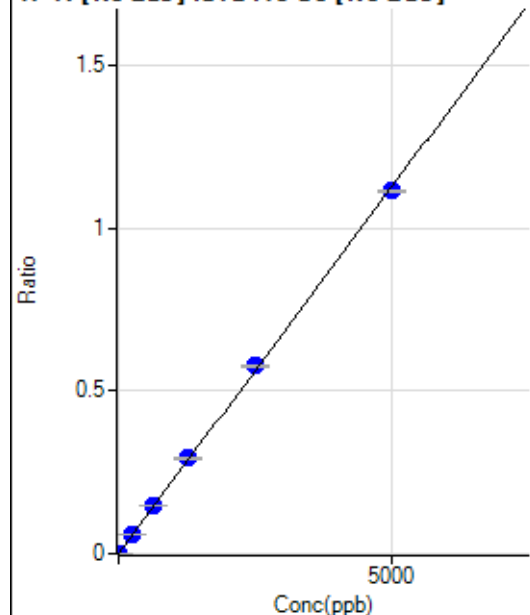
$$DL = 1.218$$

$$BEC = 17.1$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD |
|---|--------------------------|----------|------------|------------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 52.78      | 0.0000 | P   | 9.2 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |     |     |
| 3 | <input type="checkbox"/> | 5.000    | 5.393      | 5943.15    | 0.0012 | P   | 1.6 |
| 4 | <input type="checkbox"/> | 250.000  | 260.906    | 282989.74  | 0.0588 | P   | 0.7 |
| 5 | <input type="checkbox"/> | 625.000  | 648.244    | 670881.71  | 0.1462 | P   | 0.8 |
| 6 | <input type="checkbox"/> | 1250.000 | 1305.132   | 1213123.96 | 0.2943 | P   | 1.1 |
| 7 | <input type="checkbox"/> | 2500.000 | 2562.649   | 2292146.69 | 0.5778 | P   | 0.6 |
| 8 | <input type="checkbox"/> | 5000.000 | 4951.441   | 4468913.60 | 1.1163 | P   | 0.8 |
| 9 | <input type="checkbox"/> |          |            | 1914.09    | 0.0005 | P   | 8.9 |

$$y = 2.2545E-004 * x + 1.1421E-005$$

$$R = 0.9998$$

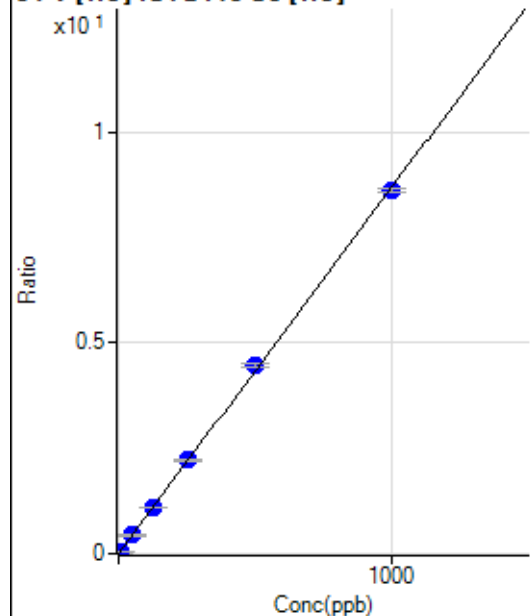
$$DL = 0.01401$$

$$BEC = 0.05066$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 6.67       | 0.0000 | P   | 49.8 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |     |      |
| 3 | <input type="checkbox"/> | 5.000    | 5.079      | 10275.94   | 0.0441 | P   | 2.1  |
| 4 | <input type="checkbox"/> | 50.000   | 49.949     | 99647.95   | 0.4333 | P   | 0.5  |
| 5 | <input type="checkbox"/> | 125.000  | 125.560    | 231952.67  | 1.0893 | P   | 0.7  |
| 6 | <input type="checkbox"/> | 250.000  | 255.405    | 416543.22  | 2.2156 | P   | 1.3  |
| 7 | <input type="checkbox"/> | 500.000  | 514.709    | 800055.45  | 4.4651 | P   | 2.2  |
| 8 | <input type="checkbox"/> | 1000.000 | 991.226    | 1571492.08 | 8.5989 | P   | 1.2  |
| 9 | <input type="checkbox"/> |          |            | 254.45     | 0.0012 | P   | 9.3  |

$$y = 0.0087 * x + 2.9989E-005$$

$$R = 0.9998$$

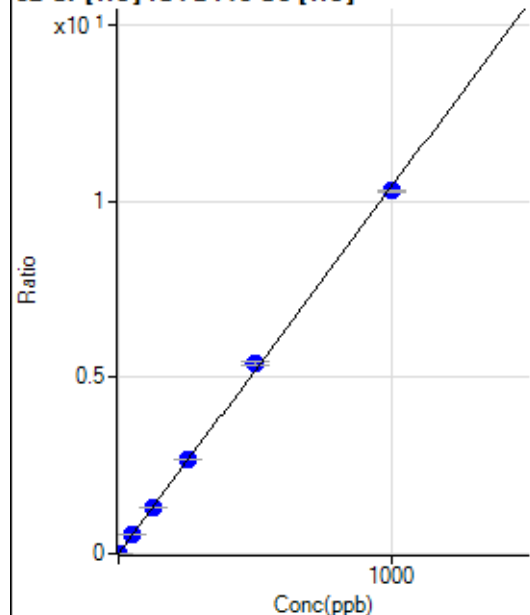
$$DL = 0.00516$$

$$BEC = 0.003457$$

Weight: &lt;None&gt;

Min Conc: 0



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

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio   | Det. | RSD |
|---|--------------------------|----------|------------|------------|---------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 491.13     | 0.0022  | P    | 3.8 |
| 2 | <input type="checkbox"/> | 0.200    |            |            |         |      |     |
| 3 | <input type="checkbox"/> | 2.000    | 1.942      | 5229.89    | 0.0224  | P    | 3.6 |
| 4 | <input type="checkbox"/> | 50.000   | 50.781     | 122207.77  | 0.5314  | P    | 0.2 |
| 5 | <input type="checkbox"/> | 125.000  | 127.461    | 283341.47  | 1.3306  | P    | 0.7 |
| 6 | <input type="checkbox"/> | 250.000  | 257.514    | 504963.77  | 2.6859  | P    | 1.3 |
| 7 | <input type="checkbox"/> | 500.000  | 518.076    | 967792.88  | 5.4015  | P    | 2.5 |
| 8 | <input type="checkbox"/> | 1000.000 | 988.737    | 1883617.13 | 10.3065 | P    | 0.6 |
| 9 | <input type="checkbox"/> |          |            | 15379.28   | 0.0749  | P    | 1.1 |

$$y = 0.0104 * x + 0.0022$$

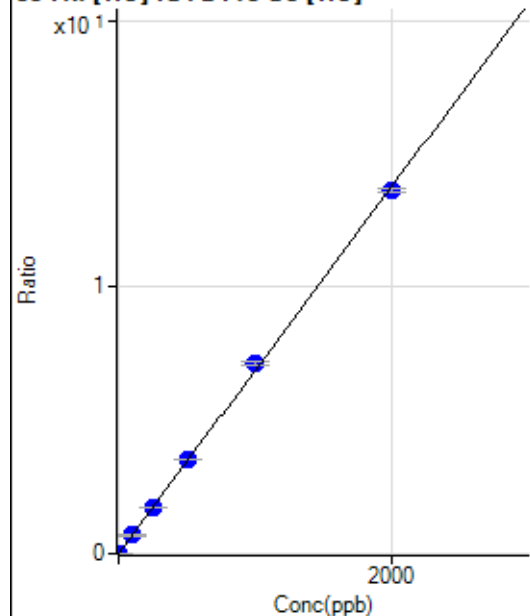
$$R = 0.9997$$

$$DL = 0.02399$$

$$BEC = 0.2122$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio   | Det. | RSD  |
|---|--------------------------|----------|------------|------------|---------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 43.33      | 0.0002  | P    | 13.3 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |         |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.963      | 1589.00    | 0.0068  | P    | 4.1  |
| 4 | <input type="checkbox"/> | 100.000  | 99.683     | 157674.22  | 0.6857  | P    | 0.4  |
| 5 | <input type="checkbox"/> | 250.000  | 252.785    | 370209.93  | 1.7385  | P    | 0.9  |
| 6 | <input type="checkbox"/> | 500.000  | 514.660    | 665386.90  | 3.5393  | P    | 1.3  |
| 7 | <input type="checkbox"/> | 1000.000 | 1035.825   | 1276295.51 | 7.1231  | P    | 2.4  |
| 8 | <input type="checkbox"/> | 2000.000 | 1978.090   | 2485997.10 | 13.6027 | P    | 1.0  |
| 9 | <input type="checkbox"/> |          |            | 10668.44   | 0.0520  | P    | 1.0  |

$$y = 0.0069 * x + 1.9514E-004$$

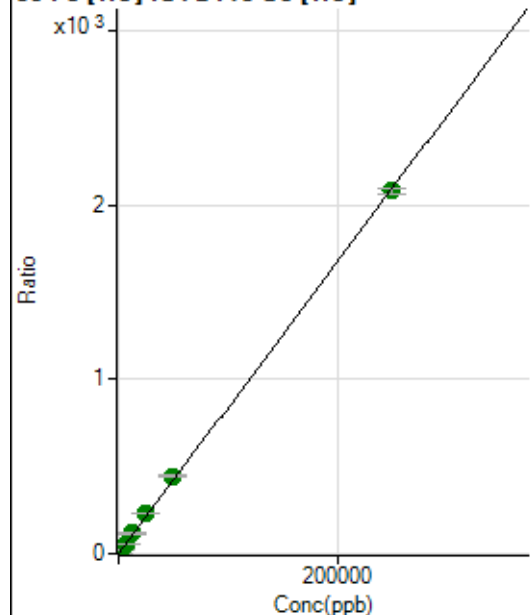
$$R = 0.9997$$

$$DL = 0.01134$$

$$BEC = 0.02838$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio     | Det. | RSD |
|---|--------------------------|-----------|------------|-------------|-----------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 3126.34     | 0.0141    | P    | 4.4 |
| 2 | <input type="checkbox"/> | 5.000     |            |             |           |      |     |
| 3 | <input type="checkbox"/> | 50.000    | 55.617     | 111801.57   | 0.4797    | P    | 1.3 |
| 4 | <input type="checkbox"/> | 2500.000  | 2691.216   | 5184003.59  | 22.5434   | A    | 0.3 |
| 5 | <input type="checkbox"/> | 6250.000  | 6818.826   | 12158778.63 | 57.0974   | A    | 0.6 |
| 6 | <input type="checkbox"/> | 12500.000 | 13879.512  | 21846924.10 | 116.2054  | A    | 1.0 |
| 7 | <input type="checkbox"/> | 25000.000 | 27924.440  | 41886085.19 | 233.7816  | A    | 2.7 |
| 8 | <input type="checkbox"/> | 50000.000 | 53363.577  | 81646058.31 | 446.7435  | A    | 0.8 |
| 9 | <input type="checkbox"/> | 250000.00 | 248949.73  | 427700587.3 | 2,084.079 | A    | 1.3 |

$$y = 0.0084 * x + 0.0141$$

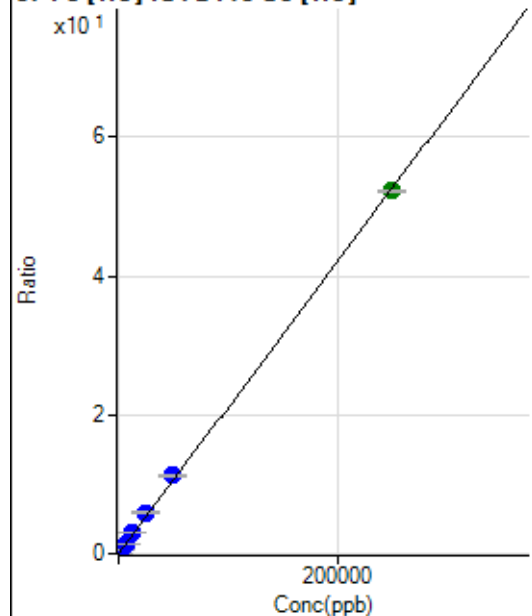
$$R = 0.9999$$

$$DL = 0.2216$$

$$BEC = 1.682$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio   | Det. | RSD  |
|---|--------------------------|-----------|------------|-------------|---------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 112.97      | 0.0005  | P    | 10.5 |
| 2 | <input type="checkbox"/> | 5.000     |            |             |         |      |      |
| 3 | <input type="checkbox"/> | 50.000    | 55.056     | 2811.46     | 0.0121  | P    | 3.0  |
| 4 | <input type="checkbox"/> | 2500.000  | 2713.510   | 131053.73   | 0.5699  | P    | 0.2  |
| 5 | <input type="checkbox"/> | 6250.000  | 6857.244   | 306514.14   | 1.4394  | P    | 0.9  |
| 6 | <input type="checkbox"/> | 12500.000 | 14013.697  | 552934.56   | 2.9411  | P    | 0.9  |
| 7 | <input type="checkbox"/> | 25000.000 | 28067.999  | 1055351.13  | 5.8902  | P    | 2.5  |
| 8 | <input type="checkbox"/> | 50000.000 | 53557.813  | 2054015.06  | 11.2389 | P    | 0.5  |
| 9 | <input type="checkbox"/> | 250000.00 | 248888.63  | 10718435.54 | 52.2263 | A    | 0.8  |

$$y = 2.0984E-004 * x + 5.0883E-004$$

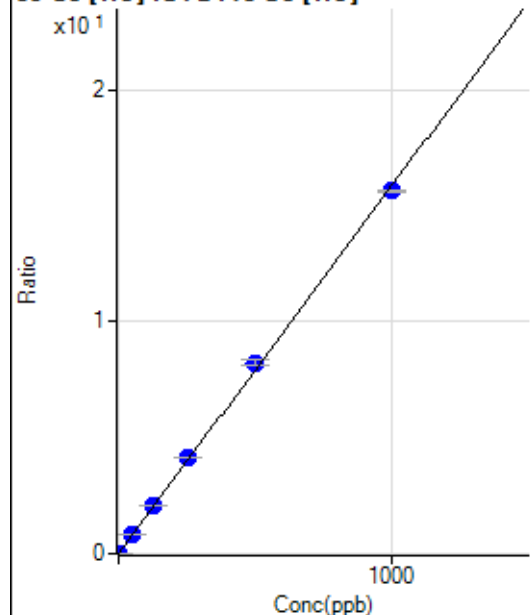
$$R = 0.9998$$

$$DL = 0.7667$$

$$BEC = 2.425$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio   | Det. | RSD  |
|---|--------------------------|----------|------------|------------|---------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 48.89      | 0.0002  | P    | 27.3 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |         |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.980      | 3669.41    | 0.0157  | P    | 3.1  |
| 4 | <input type="checkbox"/> | 50.000   | 51.429     | 187379.41  | 0.8148  | P    | 0.7  |
| 5 | <input type="checkbox"/> | 125.000  | 128.904    | 434860.71  | 2.0420  | P    | 0.4  |
| 6 | <input type="checkbox"/> | 250.000  | 259.795    | 773708.67  | 4.1153  | P    | 0.6  |
| 7 | <input type="checkbox"/> | 500.000  | 519.692    | 1474916.14 | 8.2321  | P    | 2.6  |
| 8 | <input type="checkbox"/> | 1000.000 | 987.146    | 2857689.40 | 15.6364 | P    | 0.8  |
| 9 | <input type="checkbox"/> |          |            | 36557.79   | 0.1781  | P    | 0.7  |

$$y = 0.0158 * x + 2.2005E-004$$

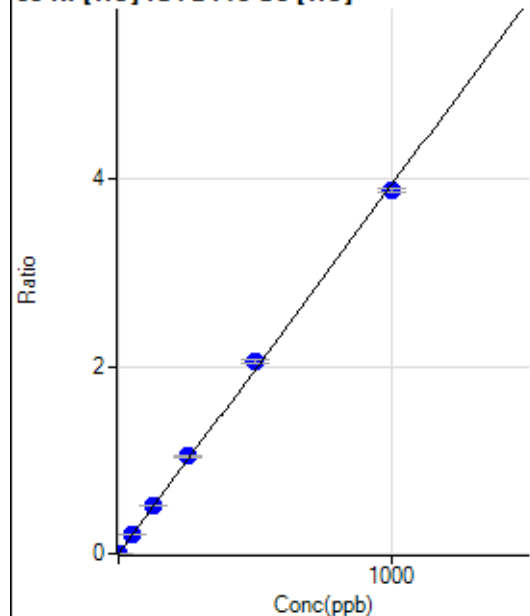
$$R = 0.9997$$

$$DL = 0.01139$$

$$BEC = 0.01389$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 61.11     | 0.0003 | P    | 22.4 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.000      | 982.27    | 0.0042 | P    | 10.4 |
| 4 | <input type="checkbox"/> | 50.000   | 52.518     | 47658.35  | 0.2072 | P    | 0.2  |
| 5 | <input type="checkbox"/> | 125.000  | 131.180    | 110149.25 | 0.5173 | P    | 0.9  |
| 6 | <input type="checkbox"/> | 250.000  | 263.810    | 195515.04 | 1.0399 | P    | 0.7  |
| 7 | <input type="checkbox"/> | 500.000  | 522.566    | 369036.76 | 2.0597 | P    | 2.5  |
| 8 | <input type="checkbox"/> | 1000.000 | 984.366    | 709031.59 | 3.8796 | P    | 0.9  |
| 9 | <input type="checkbox"/> |          |            | 9690.01   | 0.0472 | P    | 1.5  |

$$y = 0.0039 * x + 2.7531E-004$$

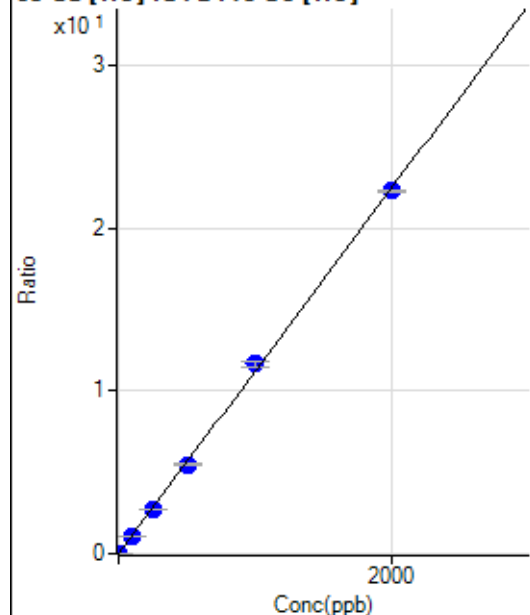
$$R = 0.9995$$

$$DL = 0.04687$$

$$BEC = 0.06986$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio   | Det | RSD |
|---|--------------------------|----------|------------|------------|---------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 337.79     | 0.0015  | P   | 9.8 |
| 2 | <input type="checkbox"/> | 0.200    |            |            |         |     |     |
| 3 | <input type="checkbox"/> | 2.000    | 1.877      | 5266.58    | 0.0226  | P   | 4.3 |
| 4 | <input type="checkbox"/> | 100.000  | 97.074     | 251089.35  | 1.0919  | P   | 0.2 |
| 5 | <input type="checkbox"/> | 250.000  | 241.956    | 579075.68  | 2.7193  | P   | 0.5 |
| 6 | <input type="checkbox"/> | 500.000  | 487.121    | 1028948.27 | 5.4731  | P   | 1.0 |
| 7 | <input type="checkbox"/> | 1000.000 | 1037.035   | 2087251.71 | 11.6499 | P   | 2.8 |
| 8 | <input type="checkbox"/> | 2000.000 | 1985.854   | 4076860.42 | 22.3075 | P   | 0.8 |
| 9 | <input type="checkbox"/> |          |            | 5069.85    | 0.0247  | P   | 3.6 |

$$y = 0.0112 * x + 0.0015$$

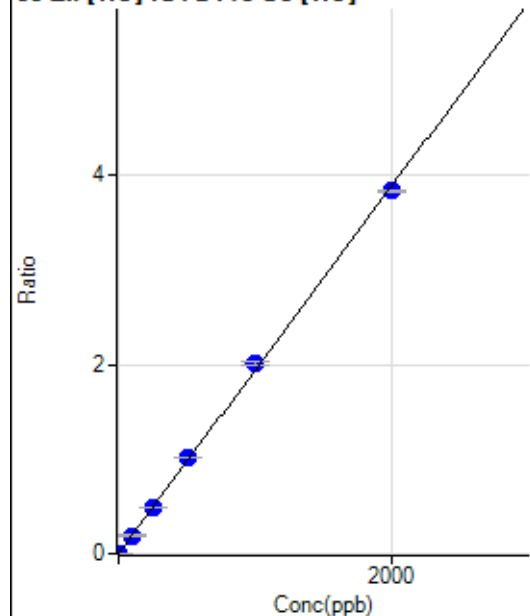
$$R = 0.9997$$

$$DL = 0.03976$$

$$BEC = 0.1354$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det | RSD |
|---|--------------------------|----------|------------|-----------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 244.45    | 0.0011 | P   | 9.8 |
| 2 | <input type="checkbox"/> | 0.200    |            |           |        |     |     |
| 3 | <input type="checkbox"/> | 2.000    | 1.974      | 1148.95   | 0.0049 | P   | 2.9 |
| 4 | <input type="checkbox"/> | 100.000  | 98.827     | 44339.46  | 0.1928 | P   | 0.8 |
| 5 | <input type="checkbox"/> | 250.000  | 253.835    | 105093.40 | 0.4935 | P   | 0.8 |
| 6 | <input type="checkbox"/> | 500.000  | 526.184    | 192115.68 | 1.0219 | P   | 0.7 |
| 7 | <input type="checkbox"/> | 1000.000 | 1035.012   | 359953.62 | 2.0090 | P   | 2.4 |
| 8 | <input type="checkbox"/> | 2000.000 | 1975.527   | 700609.24 | 3.8335 | P   | 0.5 |
| 9 | <input type="checkbox"/> |          |            | 5336.60   | 0.0260 | P   | 3.4 |

$$y = 0.0019 * x + 0.0011$$

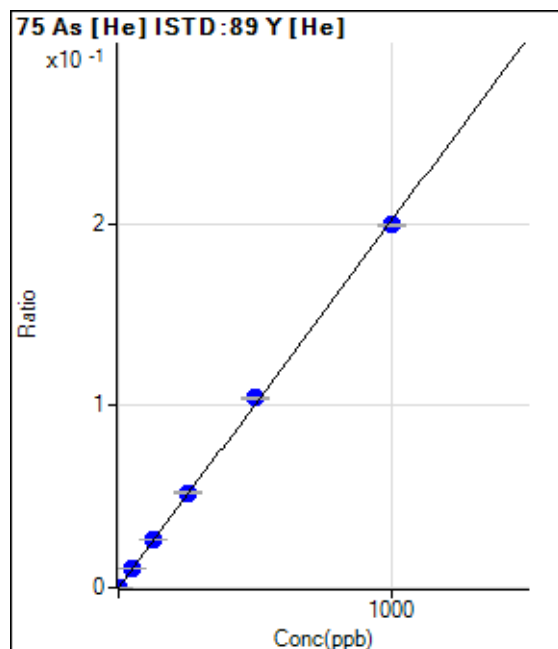
$$R = 0.9997$$

$$DL = 0.166$$

$$BEC = 0.5673$$

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      | 2.47      | 0.0000 | P   | 86.6 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |        |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.037      | 268.52    | 0.0002 | P   | 15.2 |
| 4 | <input type="checkbox"/> | 50.000   | 51.590     | 13072.00  | 0.0104 | P   | 0.4  |
| 5 | <input type="checkbox"/> | 125.000  | 130.058    | 30827.08  | 0.0263 | P   | 0.4  |
| 6 | <input type="checkbox"/> | 250.000  | 259.107    | 55417.98  | 0.0523 | P   | 0.4  |
| 7 | <input type="checkbox"/> | 500.000  | 516.412    | 106011.01 | 0.1042 | P   | 1.4  |
| 8 | <input type="checkbox"/> | 1000.000 | 988.806    | 205374.11 | 0.1996 | P   | 0.5  |
| 9 | <input type="checkbox"/> |          |            | 309.88    | 0.0003 | P   | 1.7  |

$$y = 2.0182\text{E-}004 * x + 2.0349\text{E-}006$$

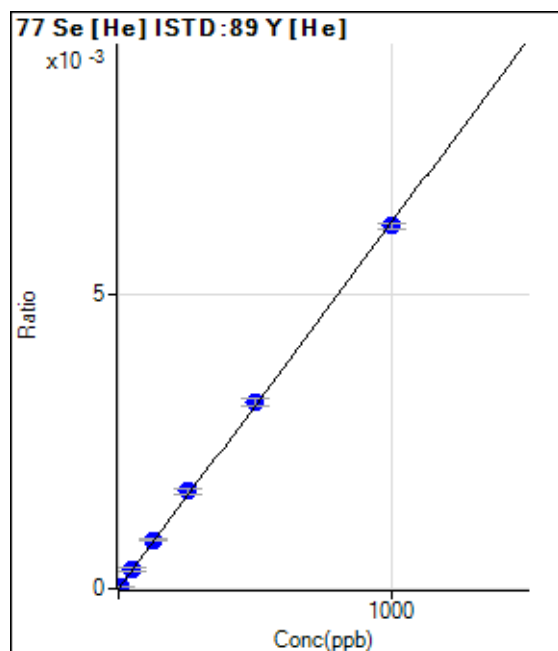
$$R = 0.9997$$

$$DL = 0.0262$$

$$BEC = 0.01008$$

Weight: <None>

Min Conc: 0



|   | 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    | 5.322      | 42.22   | 0.0000 | P   | 45.2 |
| 4 | <input type="checkbox"/> | 50.000   | 52.688     | 412.23  | 0.0003 | P   | 12.2 |
| 5 | <input type="checkbox"/> | 125.000  | 132.334    | 968.94  | 0.0008 | P   | 3.0  |
| 6 | <input type="checkbox"/> | 250.000  | 265.761    | 1755.69 | 0.0017 | P   | 6.1  |
| 7 | <input type="checkbox"/> | 500.000  | 508.767    | 3225.96 | 0.0032 | P   | 3.4  |
| 8 | <input type="checkbox"/> | 1000.000 | 990.623    | 6357.04 | 0.0062 | P   | 1.6  |
| 9 | <input type="checkbox"/> |          |            | 2.22    | 0.0000 | P   | 86.6 |

$$y = 6.2349\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9998$$

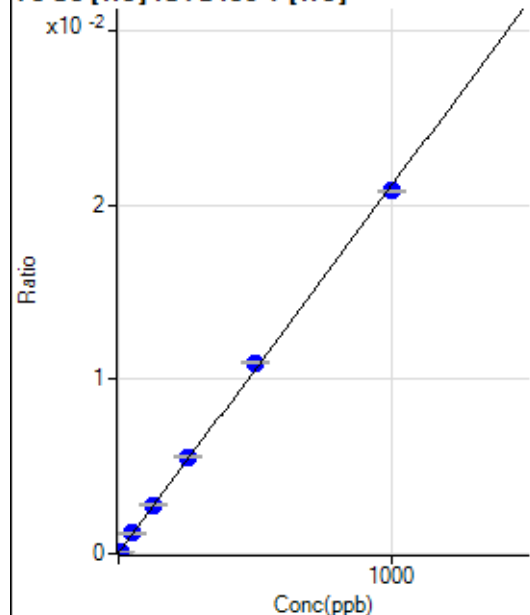
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS      | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 48.15    | 0.0000 | P    | 20.6 |
| 2 | <input type="checkbox"/> | 0.500    |            |          |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 5.302      | 192.59   | 0.0002 | P    | 5.9  |
| 4 | <input type="checkbox"/> | 50.000   | 53.198     | 1458.11  | 0.0012 | P    | 4.7  |
| 5 | <input type="checkbox"/> | 125.000  | 131.473    | 3302.26  | 0.0028 | P    | 1.5  |
| 6 | <input type="checkbox"/> | 250.000  | 262.542    | 5908.66  | 0.0056 | P    | 2.2  |
| 7 | <input type="checkbox"/> | 500.000  | 519.240    | 11177.21 | 0.0110 | P    | 1.8  |
| 8 | <input type="checkbox"/> | 1000.000 | 986.274    | 21445.54 | 0.0208 | P    | 0.5  |
| 9 | <input type="checkbox"/> |          |            | 42.59    | 0.0000 | P    | 5.2  |

$$y = 2.1087\text{E-}005 * x + 3.9786\text{E-}005$$

$$R = 0.9996$$

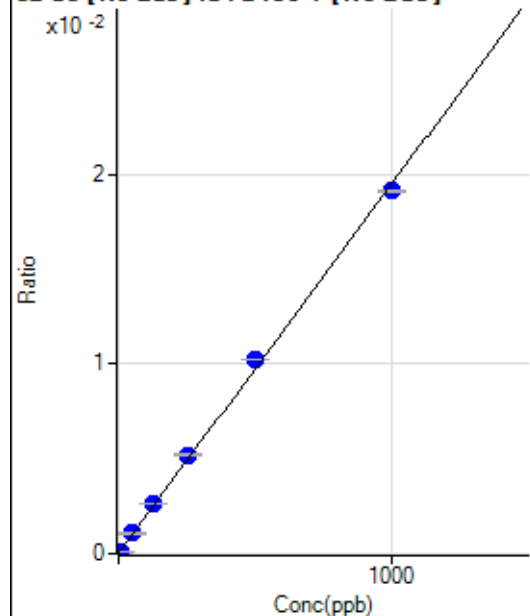
$$DL = 1.165$$

$$BEC = 1.887$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 151.89    | 0.0000 | P    | 18.6 |
| 2 | <input type="checkbox"/> | 0.500    |            |           |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 5.612      | 960.25    | 0.0001 | P    | 1.9  |
| 4 | <input type="checkbox"/> | 50.000   | 54.003     | 7934.80   | 0.0011 | P    | 2.4  |
| 5 | <input type="checkbox"/> | 125.000  | 135.826    | 19008.02  | 0.0027 | P    | 0.8  |
| 6 | <input type="checkbox"/> | 250.000  | 266.023    | 34198.04  | 0.0052 | P    | 1.1  |
| 7 | <input type="checkbox"/> | 500.000  | 524.733    | 65245.32  | 0.0102 | P    | 0.2  |
| 8 | <input type="checkbox"/> | 1000.000 | 982.071    | 123895.30 | 0.0191 | P    | 0.7  |
| 9 | <input type="checkbox"/> |          |            | 224.78    | 0.0000 | P    | 19.1 |

$$y = 1.9451\text{E-}005 * x + 2.1337\text{E-}005$$

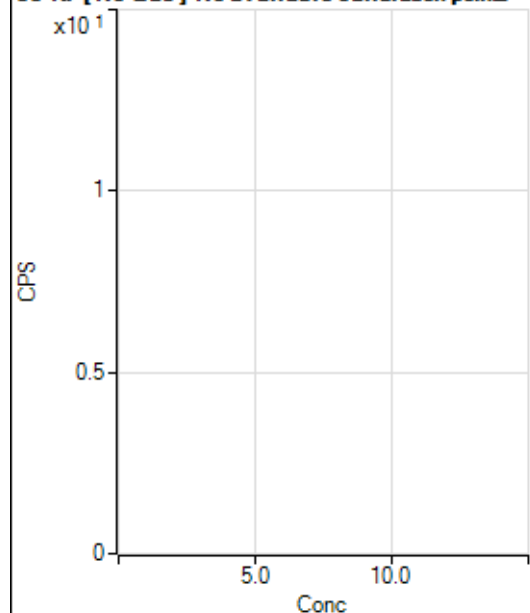
$$R = 0.9994$$

$$DL = 0.6124$$

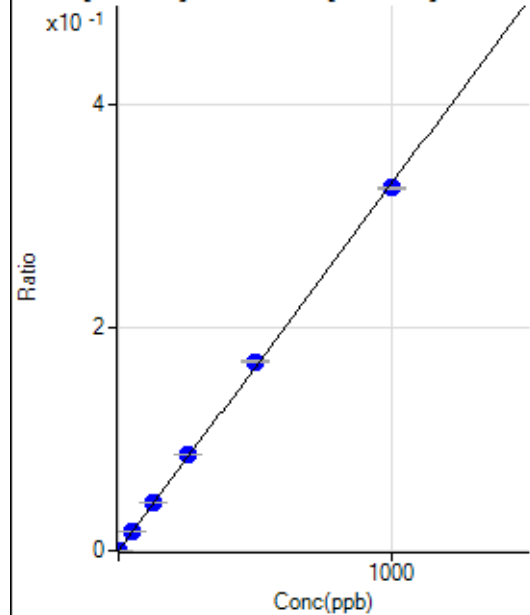
$$BEC = 1.097$$

Weight: &lt;None&gt;

Min Conc: 0

**83 Kr [ No Gas ] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 304.46 |       | P        | 2.3  |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 268.89 |       | P        | 7.6  |
| 4 | <input type="checkbox"/> |       |            | 263.34 |       | P        | 2.2  |
| 5 | <input type="checkbox"/> |       |            | 290.01 |       | P        | 5.3  |
| 6 | <input type="checkbox"/> |       |            | 271.12 |       | P        | 5.8  |
| 7 | <input type="checkbox"/> |       |            | 250.01 |       | P        | 13.3 |
| 8 | <input type="checkbox"/> |       |            | 274.45 |       | P        | 16.6 |
| 9 | <input type="checkbox"/> |       |            | 253.34 |       | P        | 17.3 |

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD |
|---|--------------------------|----------|------------|------------|--------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 452.81     | 0.0001 | P        | 8.9 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |          |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.973      | 2825.39    | 0.0004 | P        | 5.4 |
| 4 | <input type="checkbox"/> | 50.000   | 51.641     | 126387.76  | 0.0171 | P        | 0.3 |
| 5 | <input type="checkbox"/> | 125.000  | 130.231    | 306541.67  | 0.0430 | P        | 1.3 |
| 6 | <input type="checkbox"/> | 250.000  | 261.083    | 566300.30  | 0.0860 | P        | 0.9 |
| 7 | <input type="checkbox"/> | 500.000  | 515.452    | 1083222.56 | 0.1698 | P        | 0.7 |
| 8 | <input type="checkbox"/> | 1000.000 | 988.767    | 2109967.39 | 0.3257 | P        | 0.6 |
| 9 | <input type="checkbox"/> |          |            | 9534.14    | 0.0015 | P        | 4.7 |

$$y = 3.2931E-004 * x + 6.3553E-005$$

$$R = 0.9997$$

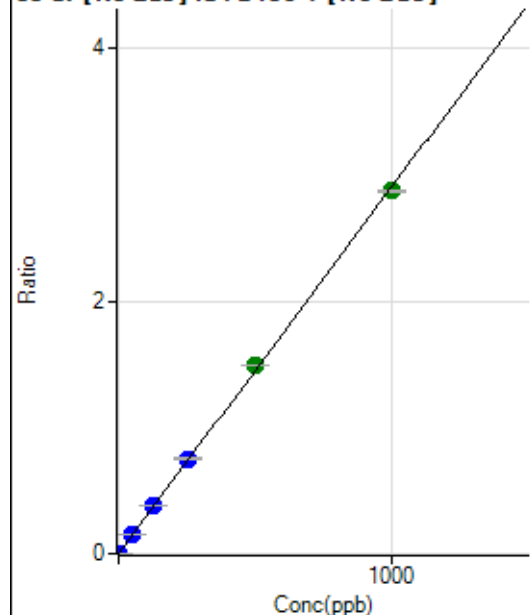
$$DL = 0.0513$$

$$BEC = 0.193$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD |
|---|--------------------------|----------|------------|-------------|--------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 191.68      | 0.0000 | P        | 7.7 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |          |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.964      | 20749.05    | 0.0028 | P        | 1.1 |
| 4 | <input type="checkbox"/> | 50.000   | 51.318     | 1101531.58  | 0.1488 | P        | 0.3 |
| 5 | <input type="checkbox"/> | 125.000  | 129.664    | 2682553.51  | 0.3759 | P        | 0.4 |
| 6 | <input type="checkbox"/> | 250.000  | 259.505    | 4950683.27  | 0.7522 | P        | 0.6 |
| 7 | <input type="checkbox"/> | 500.000  | 513.678    | 9497928.51  | 1.4889 | A        | 0.4 |
| 8 | <input type="checkbox"/> | 1000.000 | 990.136    | 18593168.47 | 2.8699 | A        | 0.7 |
| 9 | <input type="checkbox"/> |          |            | 78027.06    | 0.0122 | P        | 1.9 |

$$y = 0.0029 * x + 2.6912E-005$$

$$R = 0.9998$$

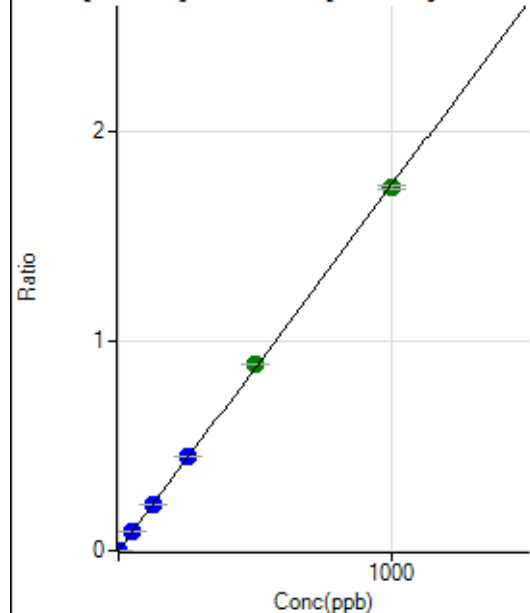
$$DL = 0.002135$$

$$BEC = 0.009285$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 591.70      | 0.0001 | P        | 13.9 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |          |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.930      | 12542.08    | 0.0017 | P        | 2.5  |
| 4 | <input type="checkbox"/> | 50.000   | 50.656     | 654559.20   | 0.0884 | P        | 0.9  |
| 5 | <input type="checkbox"/> | 125.000  | 128.020    | 1593753.18  | 0.2233 | P        | 0.4  |
| 6 | <input type="checkbox"/> | 250.000  | 256.088    | 2939447.24  | 0.4466 | P        | 0.5  |
| 7 | <input type="checkbox"/> | 500.000  | 511.255    | 5687061.58  | 0.8915 | A        | 0.4  |
| 8 | <input type="checkbox"/> | 1000.000 | 992.440    | 11210840.53 | 1.7305 | A        | 1.2  |
| 9 | <input type="checkbox"/> |          |            | 3358.87     | 0.0005 | P        | 5.0  |

$$y = 0.0017 * x + 8.3105E-005$$

$$R = 0.9999$$

$$DL = 0.01984$$

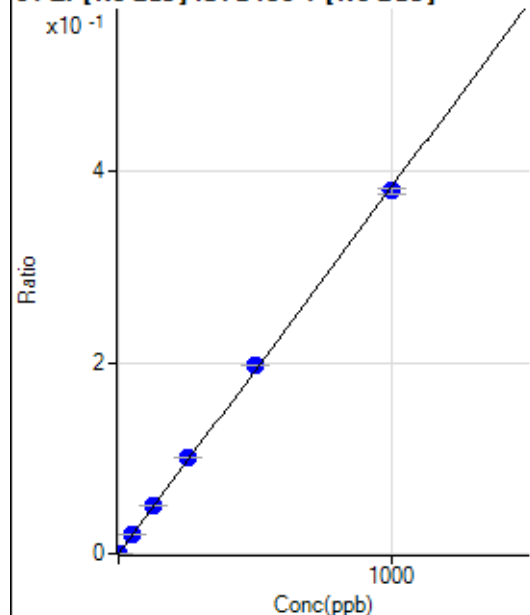
$$BEC = 0.04766$$

Weight: &lt;None&gt;

Min Conc: 0



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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 125.01     | 0.0000 | P    | 19.4 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.940      | 2786.51    | 0.0004 | P    | 8.5  |
| 4 | <input type="checkbox"/> | 50.000   | 51.738     | 147271.88  | 0.0199 | P    | 0.9  |
| 5 | <input type="checkbox"/> | 125.000  | 130.773    | 358650.50  | 0.0502 | P    | 0.5  |
| 6 | <input type="checkbox"/> | 250.000  | 260.774    | 659413.00  | 0.1002 | P    | 0.8  |
| 7 | <input type="checkbox"/> | 500.000  | 513.670    | 1258765.98 | 0.1973 | P    | 0.3  |
| 8 | <input type="checkbox"/> | 1000.000 | 989.663    | 2462805.65 | 0.3802 | P    | 1.4  |
| 9 | <input type="checkbox"/> |          |            | 794.50     | 0.0001 | P    | 7.5  |

$$y = 3.8411\text{E-}004 * x + 1.7536\text{E-}005$$

$$R = 0.9998$$

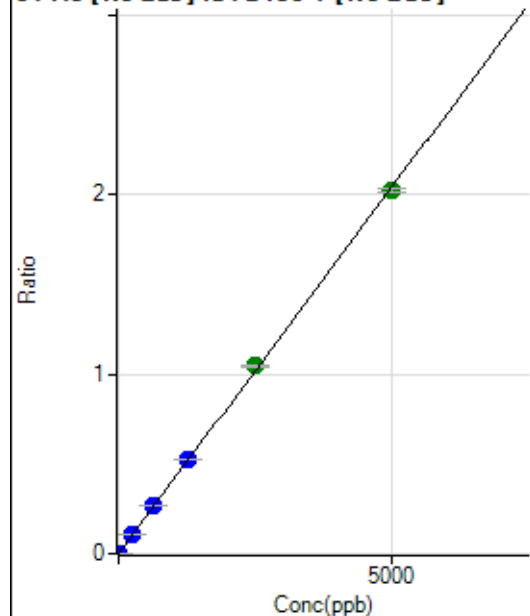
$$DL = 0.02664$$

$$BEC = 0.04565$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 225.01      | 0.0000 | P    | 18.0 |
| 2 | <input type="checkbox"/> | 0.500    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 5.048      | 15392.16    | 0.0021 | P    | 2.9  |
| 4 | <input type="checkbox"/> | 250.000  | 256.881    | 776559.23   | 0.1049 | P    | 0.7  |
| 5 | <input type="checkbox"/> | 625.000  | 644.895    | 1878944.46  | 0.2633 | P    | 0.1  |
| 6 | <input type="checkbox"/> | 1250.000 | 1289.902   | 3465487.53  | 0.5265 | P    | 0.6  |
| 7 | <input type="checkbox"/> | 2500.000 | 2563.274   | 6674288.60  | 1.0463 | A    | 0.2  |
| 8 | <input type="checkbox"/> | 5000.000 | 4955.557   | 13104178.42 | 2.0227 | A    | 1.0  |
| 9 | <input type="checkbox"/> |          |            | 6446.18     | 0.0010 | P    | 7.9  |

$$y = 4.0816\text{E-}004 * x + 3.1567\text{E-}005$$

$$R = 0.9998$$

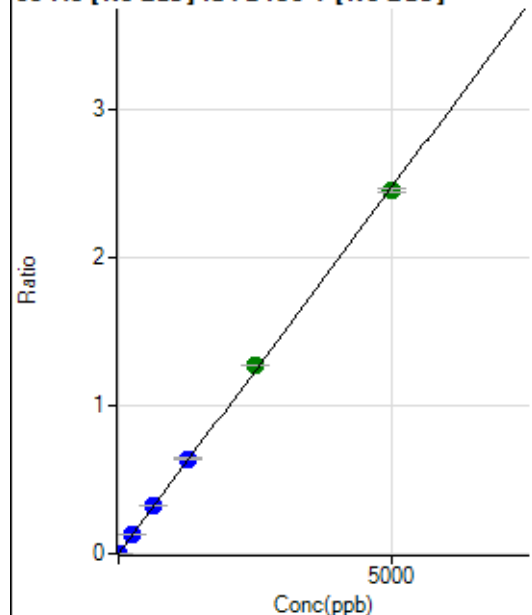
$$DL = 0.04167$$

$$BEC = 0.07734$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 50.00       | 0.0000 | P    | 29.0 |
| 2 | <input type="checkbox"/> | 0.500    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 5.103      | 18590.48    | 0.0025 | P    | 0.6  |
| 4 | <input type="checkbox"/> | 250.000  | 257.694    | 942037.32   | 0.1272 | P    | 0.5  |
| 5 | <input type="checkbox"/> | 625.000  | 649.624    | 2289075.99  | 0.3207 | P    | 1.1  |
| 6 | <input type="checkbox"/> | 1250.000 | 1297.455   | 4216044.58  | 0.6406 | P    | 0.5  |
| 7 | <input type="checkbox"/> | 2500.000 | 2562.113   | 8069234.21  | 1.2649 | A    | 0.2  |
| 8 | <input type="checkbox"/> | 5000.000 | 4953.617   | 15844139.24 | 2.4456 | A    | 1.0  |
| 9 | <input type="checkbox"/> |          |            | 9595.28     | 0.0015 | P    | 5.3  |

$$y = 4.9371\text{E-}004 * x + 7.0217\text{E-}006$$

$$R = 0.9998$$

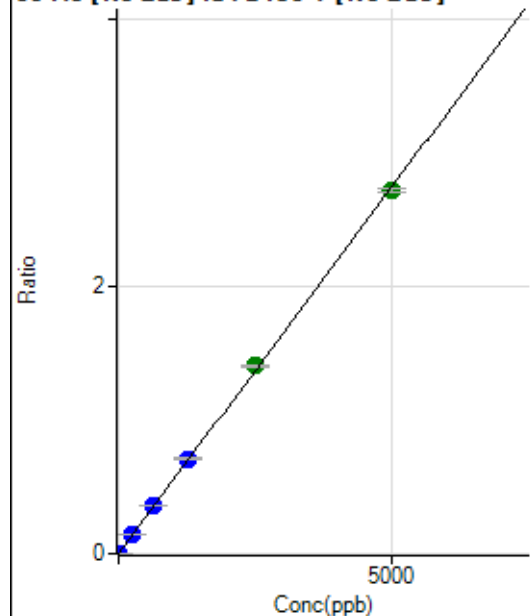
$$DL = 0.01236$$

$$BEC = 0.01422$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 91.67       | 0.0000 | P    | 17.9 |
| 2 | <input type="checkbox"/> | 0.500    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 5.056      | 20515.52    | 0.0028 | P    | 3.8  |
| 4 | <input type="checkbox"/> | 250.000  | 257.372    | 1046085.64  | 0.1413 | P    | 1.0  |
| 5 | <input type="checkbox"/> | 625.000  | 649.423    | 2544366.70  | 0.3565 | P    | 0.4  |
| 6 | <input type="checkbox"/> | 1250.000 | 1297.132   | 4686422.02  | 0.7120 | P    | 0.4  |
| 7 | <input type="checkbox"/> | 2500.000 | 2564.339   | 8979313.40  | 1.4076 | A    | 0.5  |
| 8 | <input type="checkbox"/> | 5000.000 | 4952.626   | 17612539.80 | 2.7186 | A    | 0.9  |
| 9 | <input type="checkbox"/> |          |            | 12419.75    | 0.0019 | P    | 3.5  |

$$y = 5.4891\text{E-}004 * x + 1.2867\text{E-}005$$

$$R = 0.9998$$

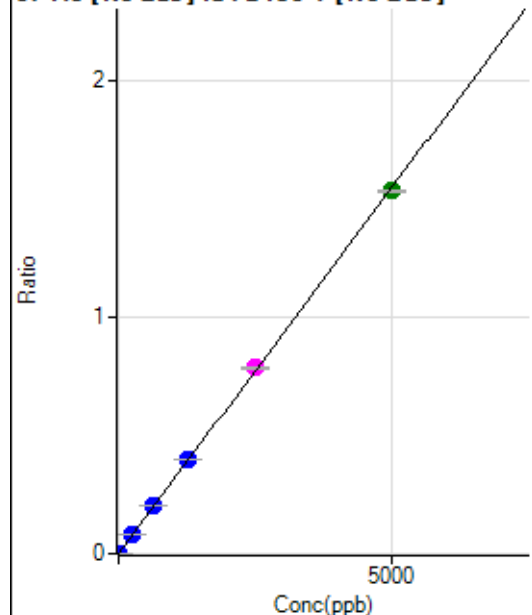
$$DL = 0.01262$$

$$BEC = 0.02344$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 50.00      | 0.0000 | P    | 0.6 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 5.000    | 5.108      | 11680.24   | 0.0016 | P    | 2.7 |
| 4 | <input type="checkbox"/> | 250.000  | 255.797    | 586071.55  | 0.0792 | P    | 0.7 |
| 5 | <input type="checkbox"/> | 625.000  | 648.590    | 1432396.53 | 0.2007 | P    | 0.4 |
| 6 | <input type="checkbox"/> | 1250.000 | 1297.771   | 2643009.65 | 0.4016 | P    | 0.4 |
| 7 | <input type="checkbox"/> | 2500.000 | 2547.051   | 5027451.50 | 0.7881 | M    | 0.8 |
| 8 | <input type="checkbox"/> | 5000.000 | 4961.293   | 9945698.05 | 1.5351 | A    | 0.8 |
| 9 | <input type="checkbox"/> |          |            | 5920.91    | 0.0009 | P    | 0.7 |

$$y = 3.0942\text{E-}004 * x + 7.0196\text{E-}006$$

$$R = 0.9999$$

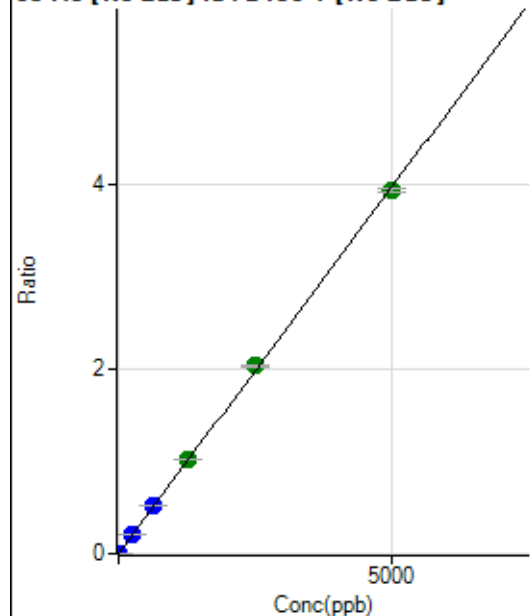
$$DL = 0.0004051$$

$$BEC = 0.02269$$

Weight: &lt;None&gt;

Min Conc: 0

98 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      | 100.00      | 0.0000 | P    | 22.3 |
| 2 | <input type="checkbox"/> | 0.500    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 5.159      | 30252.45    | 0.0041 | P    | 1.3  |
| 4 | <input type="checkbox"/> | 250.000  | 257.067    | 1511732.01  | 0.2042 | P    | 0.9  |
| 5 | <input type="checkbox"/> | 625.000  | 651.182    | 3691255.42  | 0.5172 | P    | 0.7  |
| 6 | <input type="checkbox"/> | 1250.000 | 1293.726   | 6762720.98  | 1.0275 | A    | 0.4  |
| 7 | <input type="checkbox"/> | 2500.000 | 2563.890   | 12989583.71 | 2.0363 | A    | 0.6  |
| 8 | <input type="checkbox"/> | 5000.000 | 4953.497   | 25487019.32 | 3.9341 | A    | 1.1  |
| 9 | <input type="checkbox"/> |          |            | 14421.80    | 0.0022 | P    | 5.3  |

$$y = 7.9420\text{E-}004 * x + 1.4047\text{E-}005$$

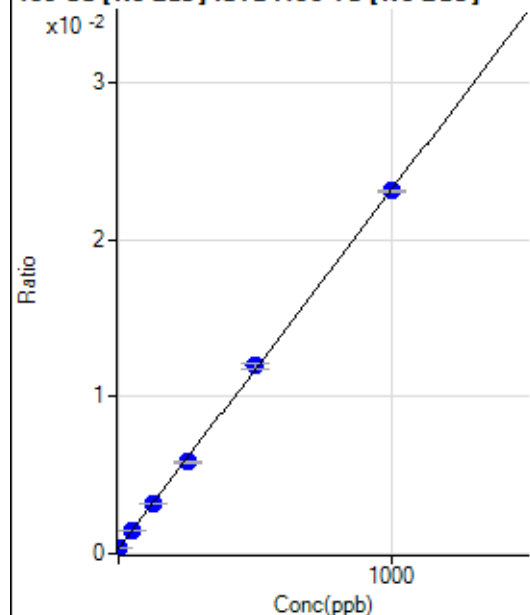
$$R = 0.9998$$

$$DL = 0.01185$$

$$BEC = 0.01769$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|-----------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 3089.37   | 0.0003 | P    | 2.3 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |        |      |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.777      | 3342.21   | 0.0003 | P    | 6.4 |
| 4 | <input type="checkbox"/> | 50.000   | 49.830     | 14616.40  | 0.0015 | P    | 2.5 |
| 5 | <input type="checkbox"/> | 125.000  | 126.032    | 31744.79  | 0.0032 | P    | 1.7 |
| 6 | <input type="checkbox"/> | 250.000  | 242.154    | 55950.27  | 0.0059 | P    | 2.2 |
| 7 | <input type="checkbox"/> | 500.000  | 508.933    | 114451.08 | 0.0120 | P    | 2.6 |
| 8 | <input type="checkbox"/> | 1000.000 | 997.374    | 225483.01 | 0.0231 | P    | 0.8 |
| 9 | <input type="checkbox"/> |          |            | 2758.71   | 0.0003 | P    | 7.7 |

$$y = 2.2856\text{E-}005 * x + 3.2277\text{E-}004$$

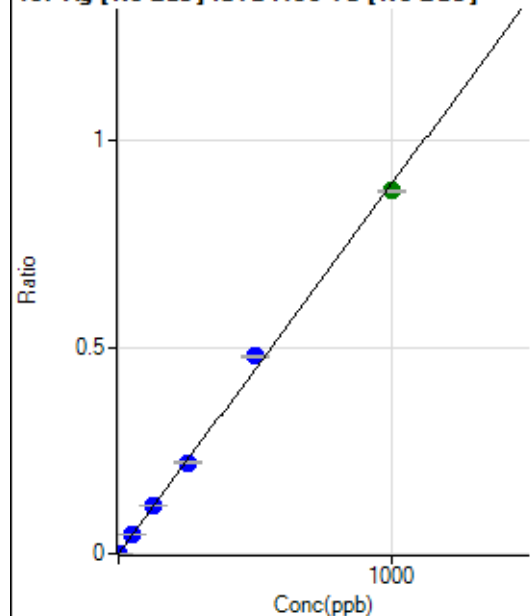
$$R = 0.9999$$

$$DL = 0.963$$

$$BEC = 14.12$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 91.67      | 0.0000 | P    | 16.1 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.048      | 9300.70    | 0.0009 | P    | 1.4  |
| 4 | <input type="checkbox"/> | 50.000   | 53.064     | 474860.36  | 0.0475 | P    | 0.5  |
| 5 | <input type="checkbox"/> | 125.000  | 129.407    | 1147465.66 | 0.1158 | P    | 0.2  |
| 6 | <input type="checkbox"/> | 250.000  | 247.100    | 2111918.12 | 0.2211 | P    | 0.7  |
| 7 | <input type="checkbox"/> | 500.000  | 535.271    | 4585230.35 | 0.4789 | P    | 1.1  |
| 8 | <input type="checkbox"/> | 1000.000 | 982.386    | 8573053.84 | 0.8790 | A    | 0.4  |
| 9 | <input type="checkbox"/> |          |            | 752.83     | 0.0001 | P    | 9.5  |

$$y = 8.9471\text{E-}004 * x + 9.5808\text{E-}006$$

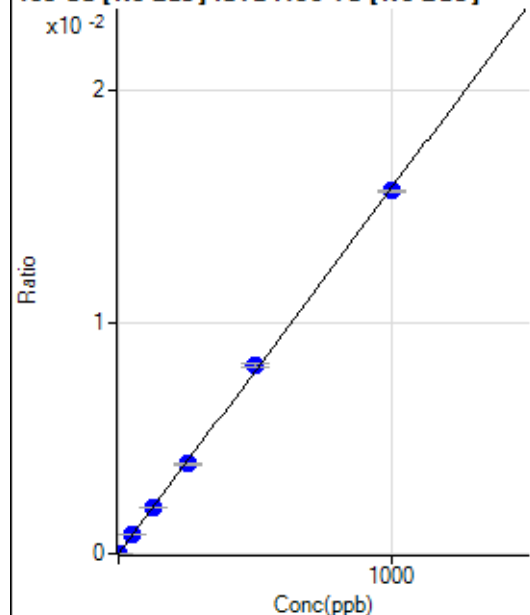
$$R = 0.9991$$

$$DL = 0.005169$$

$$BEC = 0.01071$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 6.95      | 0.0000 | P    | 68.9 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.146      | 184.73    | 0.0000 | P    | 13.6 |
| 4 | <input type="checkbox"/> | 50.000   | 51.994     | 8220.58   | 0.0008 | P    | 1.5  |
| 5 | <input type="checkbox"/> | 125.000  | 126.346    | 19786.32  | 0.0020 | P    | 1.3  |
| 6 | <input type="checkbox"/> | 250.000  | 245.095    | 36991.50  | 0.0039 | P    | 0.8  |
| 7 | <input type="checkbox"/> | 500.000  | 516.975    | 78197.61  | 0.0082 | P    | 1.6  |
| 8 | <input type="checkbox"/> | 1000.000 | 992.470    | 152925.14 | 0.0157 | P    | 0.5  |
| 9 | <input type="checkbox"/> |          |            | 47.22     | 0.0000 | P    | 29.0 |

$$y = 1.5797\text{E-}005 * x + 7.2481\text{E-}007$$

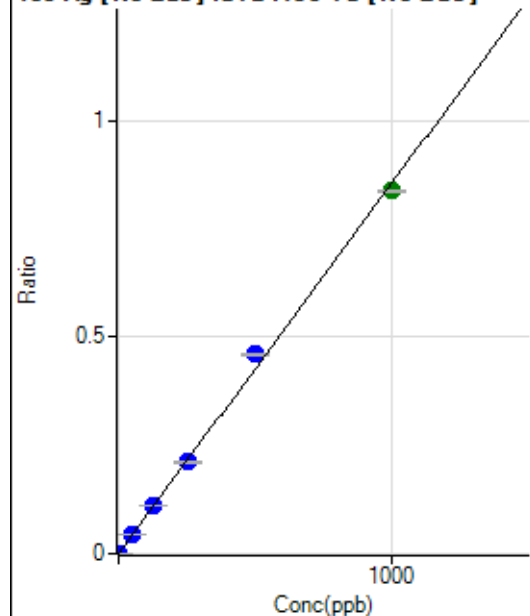
$$R = 0.9998$$

$$DL = 0.09488$$

$$BEC = 0.04588$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 44.45      | 0.0000 | P    | 57.1 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.022      | 8608.51    | 0.0009 | P    | 3.2  |
| 4 | <input type="checkbox"/> | 50.000   | 53.334     | 455254.73  | 0.0455 | P    | 0.6  |
| 5 | <input type="checkbox"/> | 125.000  | 130.422    | 1103195.23 | 0.1113 | P    | 0.6  |
| 6 | <input type="checkbox"/> | 250.000  | 247.875    | 2020970.62 | 0.2116 | P    | 1.3  |
| 7 | <input type="checkbox"/> | 500.000  | 538.095    | 4397261.16 | 0.4593 | P    | 0.7  |
| 8 | <input type="checkbox"/> | 1000.000 | 980.639    | 8163808.43 | 0.8370 | A    | 0.6  |
| 9 | <input type="checkbox"/> |          |            | 625.04     | 0.0001 | P    | 5.6  |

$$y = 8.5353\text{E-}004 * x + 4.6373\text{E-}006$$

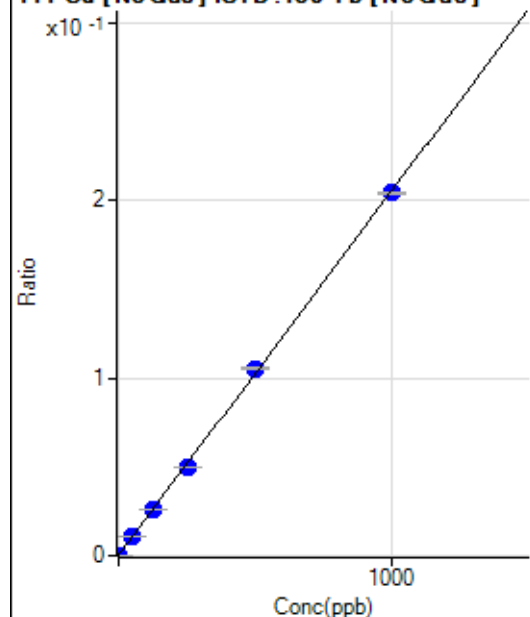
$$R = 0.9989$$

$$DL = 0.009301$$

$$BEC = 0.005433$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 2160.47    | 0.0002 | P    | 2.4 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.936      | 4095.13    | 0.0004 | P    | 3.8 |
| 4 | <input type="checkbox"/> | 50.000   | 50.323     | 105256.23  | 0.0105 | P    | 0.9 |
| 5 | <input type="checkbox"/> | 125.000  | 125.049    | 255877.60  | 0.0258 | P    | 0.3 |
| 6 | <input type="checkbox"/> | 250.000  | 240.327    | 472025.34  | 0.0494 | P    | 0.5 |
| 7 | <input type="checkbox"/> | 500.000  | 513.701    | 1008806.43 | 0.1054 | P    | 1.4 |
| 8 | <input type="checkbox"/> | 1000.000 | 995.545    | 1989612.70 | 0.2040 | P    | 0.8 |
| 9 | <input type="checkbox"/> |          |            | 2198.06    | 0.0002 | P    | 6.7 |

$$y = 2.0468\text{E-}004 * x + 2.2572\text{E-}004$$

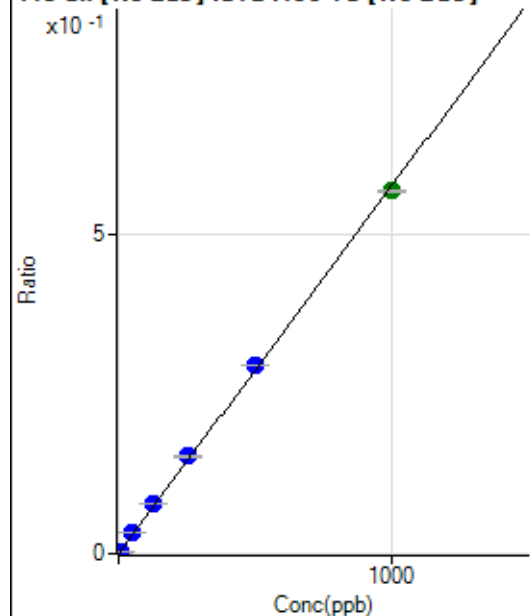
$$R = 0.9998$$

$$DL = 0.0797$$

$$BEC = 1.103$$

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      | 375.02     | 0.0000 | P    | 12.7 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 5.574      | 31901.11   | 0.0032 | P    | 1.9  |
| 4 | <input type="checkbox"/> | 50.000   | 55.531     | 320259.72  | 0.0320 | P    | 0.2  |
| 5 | <input type="checkbox"/> | 125.000  | 137.033    | 782603.88  | 0.0790 | P    | 0.4  |
| 6 | <input type="checkbox"/> | 250.000  | 265.430    | 1460853.55 | 0.1529 | P    | 0.9  |
| 7 | <input type="checkbox"/> | 500.000  | 513.892    | 2834491.28 | 0.2961 | P    | 0.5  |
| 8 | <input type="checkbox"/> | 1000.000 | 987.413    | 5547904.86 | 0.5688 | A    | 0.6  |
| 9 | <input type="checkbox"/> |          |            | 4184.14    | 0.0005 | P    | 5.8  |

$$y = 5.7603\text{E-}004 * x + 3.9192\text{E-}005$$

$$R = 0.9997$$

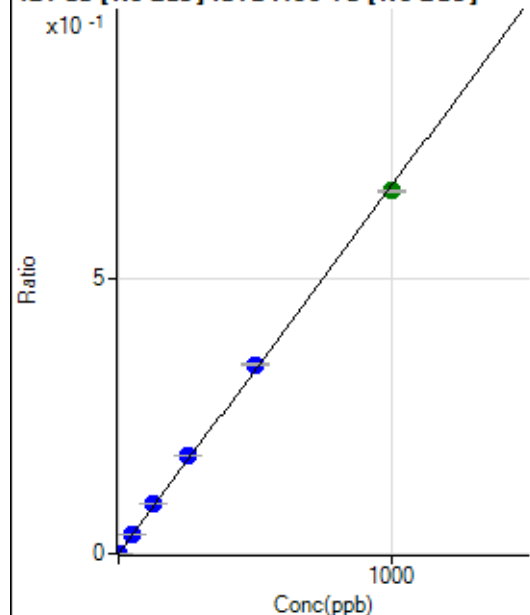
$$DL = 0.02598$$

$$BEC = 0.06804$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 94.45      | 0.0000 | P    | 10.5 |
| 2 | <input type="checkbox"/> | 0.200    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 2.000    | 1.985      | 13142.75   | 0.0013 | P    | 1.6  |
| 4 | <input type="checkbox"/> | 50.000   | 54.494     | 364928.14  | 0.0365 | P    | 0.7  |
| 5 | <input type="checkbox"/> | 125.000  | 136.994    | 908991.48  | 0.0917 | P    | 0.3  |
| 6 | <input type="checkbox"/> | 250.000  | 266.354    | 1703475.28 | 0.1783 | P    | 0.5  |
| 7 | <input type="checkbox"/> | 500.000  | 514.974    | 3301021.43 | 0.3448 | P    | 0.6  |
| 8 | <input type="checkbox"/> | 1000.000 | 986.700    | 6443156.91 | 0.6606 | A    | 0.4  |
| 9 | <input type="checkbox"/> |          |            | 9548.16    | 0.0010 | P    | 4.6  |

$$y = 6.6950E-004 * x + 9.8695E-006$$

$$R = 0.9996$$

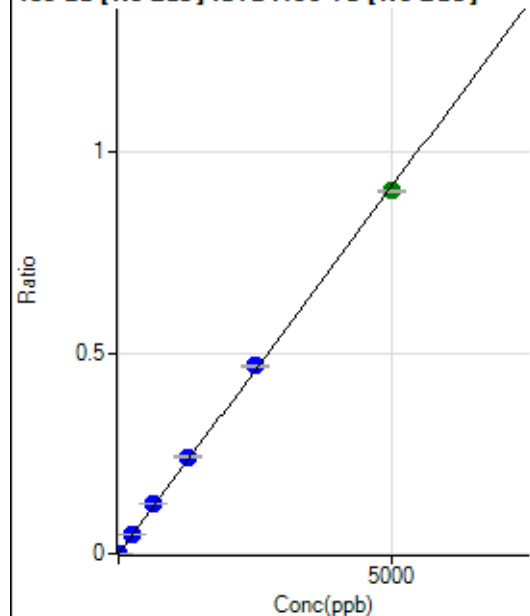
$$DL = 0.004622$$

$$BEC = 0.01474$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 25.00      | 0.0000 | P    | 33.4 |
| 2 | <input type="checkbox"/> | 1.000    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 10.000   | 10.525     | 18921.89   | 0.0019 | P    | 1.1  |
| 4 | <input type="checkbox"/> | 250.000  | 270.583    | 494919.24  | 0.0495 | P    | 0.9  |
| 5 | <input type="checkbox"/> | 625.000  | 676.373    | 1225963.29 | 0.1237 | P    | 0.3  |
| 6 | <input type="checkbox"/> | 1250.000 | 1322.056   | 2309820.32 | 0.2418 | P    | 0.3  |
| 7 | <input type="checkbox"/> | 2500.000 | 2559.807   | 4482672.28 | 0.4682 | P    | 0.4  |
| 8 | <input type="checkbox"/> | 5000.000 | 4944.631   | 8820927.63 | 0.9044 | A    | 0.6  |
| 9 | <input type="checkbox"/> |          |            | 1269.56    | 0.0001 | P    | 6.3  |

$$y = 1.8290E-004 * x + 2.6127E-006$$

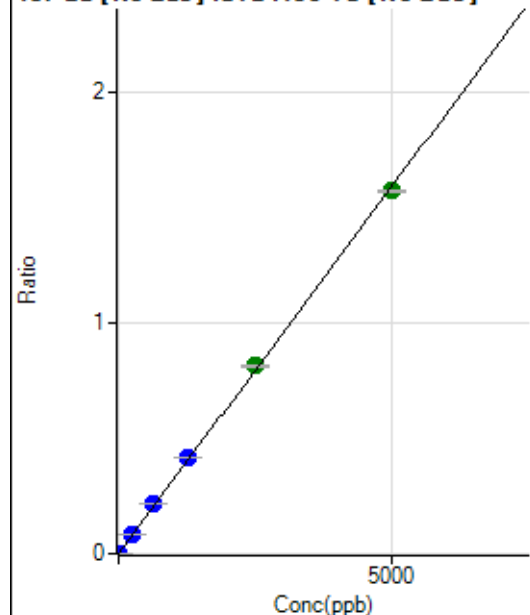
$$R = 0.9998$$

$$DL = 0.01431$$

$$BEC = 0.01428$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 38.89       | 0.0000 | P        | 45.0 |
| 2 | <input type="checkbox"/> | 1.000    |            |             |        |          |      |
| 3 | <input type="checkbox"/> | 10.000   | 10.629     | 33201.78    | 0.0034 | P        | 3.3  |
| 4 | <input type="checkbox"/> | 250.000  | 270.557    | 860009.34   | 0.0860 | P        | 0.8  |
| 5 | <input type="checkbox"/> | 625.000  | 674.748    | 2125419.88  | 0.2145 | P        | 0.2  |
| 6 | <input type="checkbox"/> | 1250.000 | 1317.146   | 3999182.82  | 0.4187 | P        | 0.6  |
| 7 | <input type="checkbox"/> | 2500.000 | 2560.651   | 7792662.41  | 0.8139 | A        | 0.6  |
| 8 | <input type="checkbox"/> | 5000.000 | 4945.640   | 15332646.00 | 1.5720 | A        | 0.4  |
| 9 | <input type="checkbox"/> |          |            | 2369.74     | 0.0003 | P        | 3.4  |

$$y = 3.1786E-004 * x + 4.0675E-006$$

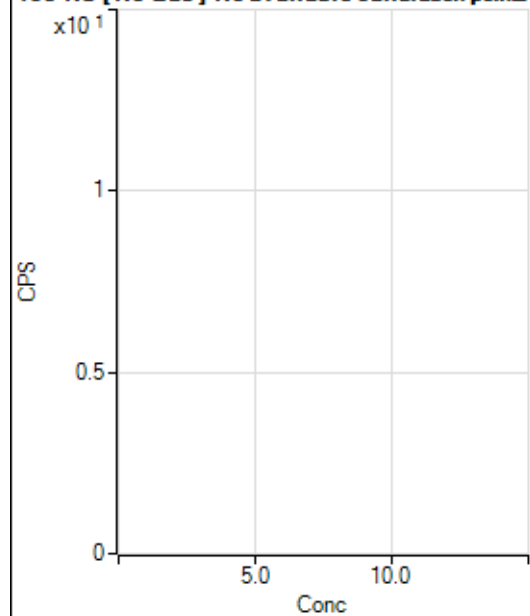
$$R = 0.9998$$

$$DL = 0.01726$$

$$BEC = 0.0128$$

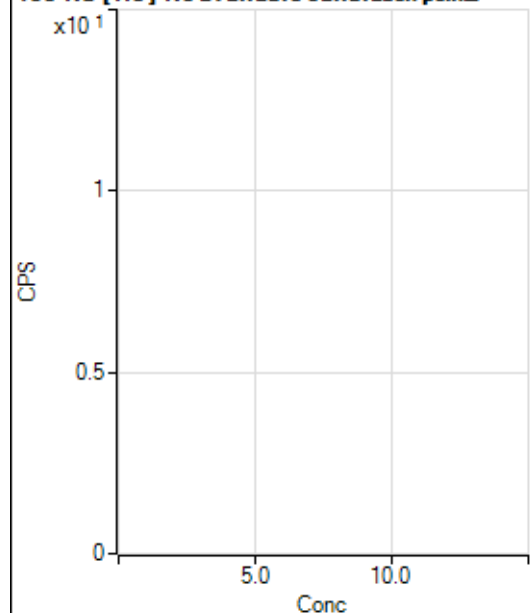
Weight: &lt;None&gt;

Min Conc: 0

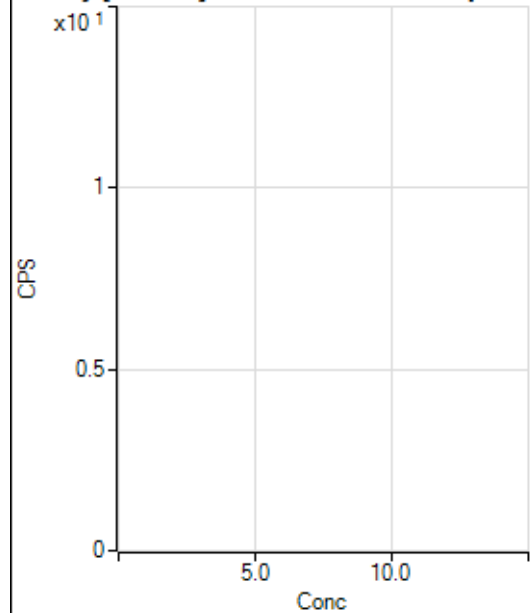
**150 Nd [No Gas] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 0.00   |       | P        |      |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 4.44   |       | P        | 173. |
| 4 | <input type="checkbox"/> |       |            | 24.45  |       | P        | 15.8 |
| 5 | <input type="checkbox"/> |       |            | 151.12 |       | P        | 17.8 |
| 6 | <input type="checkbox"/> |       |            | 226.68 |       | P        | 17.9 |
| 7 | <input type="checkbox"/> |       |            | 524.47 |       | P        | 3.7  |
| 8 | <input type="checkbox"/> |       |            | 773.38 |       | P        | 4.0  |
| 9 | <input type="checkbox"/> |       |            | 124.45 |       | P        | 21.7 |

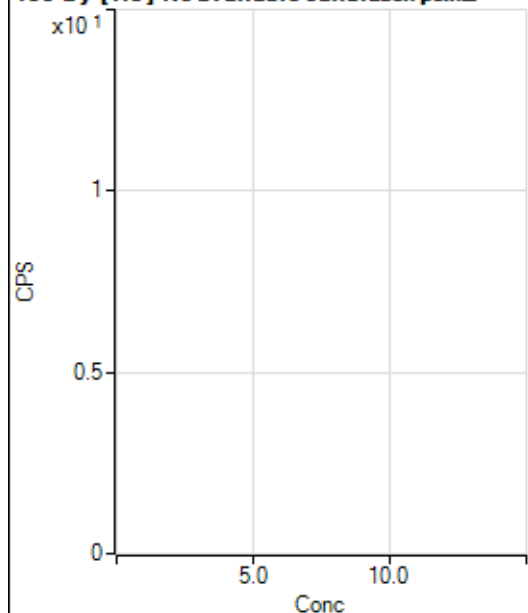


**150 Nd [He] No available calibration points**

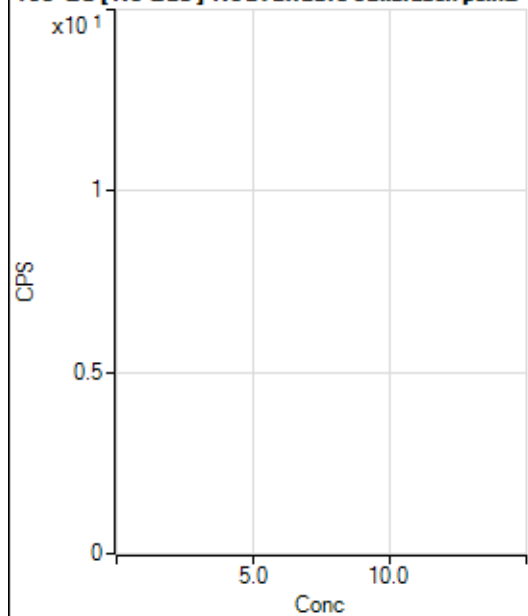
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 1.11  |       | P        | 173. |
| 2 | <input type="checkbox"/> |       |            |       |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 1.11  |       | P        | 173. |
| 4 | <input type="checkbox"/> |       |            | 6.66  |       | P        | 86.6 |
| 5 | <input type="checkbox"/> |       |            | 15.55 |       | P        | 24.8 |
| 6 | <input type="checkbox"/> |       |            | 20.00 |       | P        | 44.1 |
| 7 | <input type="checkbox"/> |       |            | 62.22 |       | P        | 17.2 |
| 8 | <input type="checkbox"/> |       |            | 87.78 |       | P        | 5.8  |
| 9 | <input type="checkbox"/> |       |            | 64.45 |       | P        | 19.6 |

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

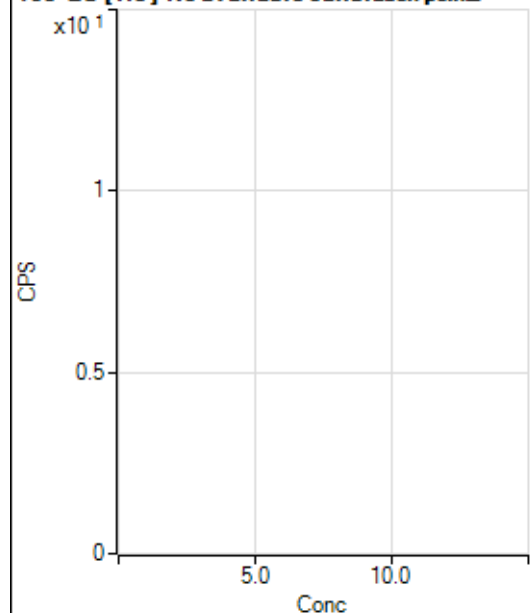
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 2.78   |       | P        | 173. |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 8.33   |       | P        | 100. |
| 4 | <input type="checkbox"/> |       |            | 13.89  |       | P        | 34.7 |
| 5 | <input type="checkbox"/> |       |            | 30.55  |       | P        | 68.6 |
| 6 | <input type="checkbox"/> |       |            | 63.89  |       | P        | 41.9 |
| 7 | <input type="checkbox"/> |       |            | 119.45 |       | P        | 16.1 |
| 8 | <input type="checkbox"/> |       |            | 175.01 |       | P        | 29.7 |
| 9 | <input type="checkbox"/> |       |            | 94.45  |       | P        | 22.2 |

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

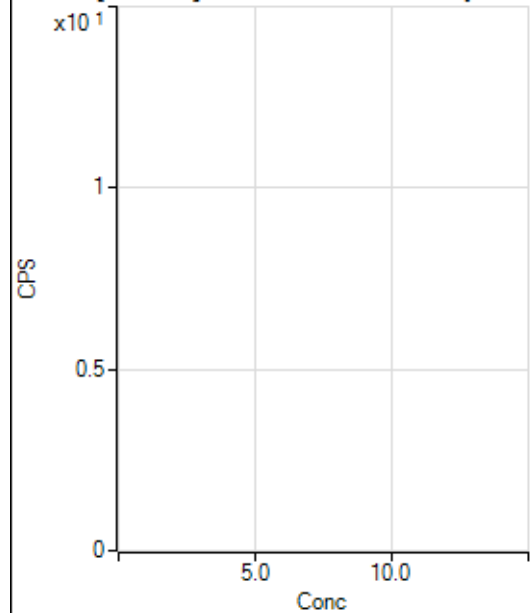
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 2.22   |       | P        | 86.6 |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 1.11   |       | P        | 173. |
| 4 | <input type="checkbox"/> |       |            | 17.78  |       | P        | 65.8 |
| 5 | <input type="checkbox"/> |       |            | 31.11  |       | P        | 40.6 |
| 6 | <input type="checkbox"/> |       |            | 45.56  |       | P        | 47.6 |
| 7 | <input type="checkbox"/> |       |            | 95.56  |       | P        | 5.3  |
| 8 | <input type="checkbox"/> |       |            | 172.23 |       | P        | 8.7  |
| 9 | <input type="checkbox"/> |       |            | 33.33  |       | P        | 30.0 |

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

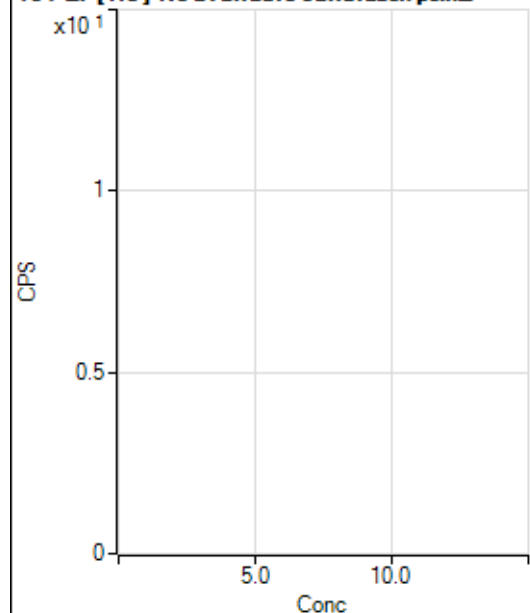
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 41.67 |       | P        | 69.3 |
| 2 | <input type="checkbox"/> |       |            |       |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 50.00 |       | P        | 0.0  |
| 4 | <input type="checkbox"/> |       |            | 27.78 |       | P        | 45.8 |
| 5 | <input type="checkbox"/> |       |            | 44.45 |       | P        | 39.0 |
| 6 | <input type="checkbox"/> |       |            | 47.22 |       | P        | 27.0 |
| 7 | <input type="checkbox"/> |       |            | 58.34 |       | P        | 24.7 |
| 8 | <input type="checkbox"/> |       |            | 86.12 |       | P        | 14.8 |
| 9 | <input type="checkbox"/> |       |            | 97.23 |       | P        | 26.2 |

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

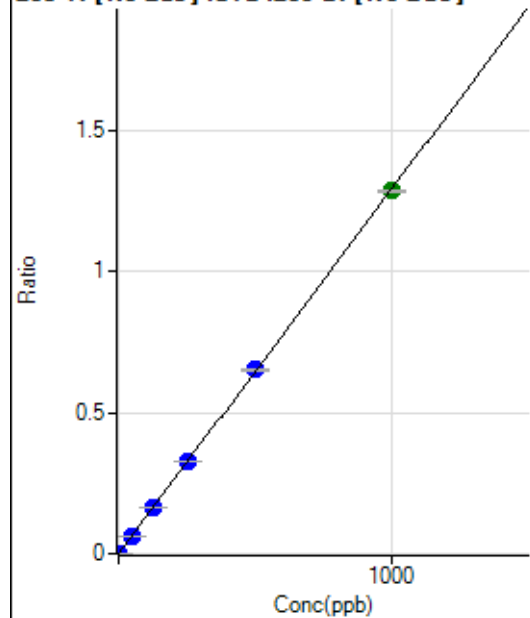
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 164.45 |       | P        | 8.2  |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 164.45 |       | P        | 14.4 |
| 4 | <input type="checkbox"/> |       |            | 160.00 |       | P        | 12.7 |
| 5 | <input type="checkbox"/> |       |            | 141.11 |       | P        | 7.2  |
| 6 | <input type="checkbox"/> |       |            | 127.78 |       | P        | 4.0  |
| 7 | <input type="checkbox"/> |       |            | 131.11 |       | P        | 13.0 |
| 8 | <input type="checkbox"/> |       |            | 153.34 |       | P        | 10.9 |
| 9 | <input type="checkbox"/> |       |            | 173.34 |       | P        | 11.7 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 36.11 |       | P        | 26.7 |
| 2 | <input type="checkbox"/> |       |            |       |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 25.00 |       | P        | 0.0  |
| 4 | <input type="checkbox"/> |       |            | 27.78 |       | P        | 75.5 |
| 5 | <input type="checkbox"/> |       |            | 36.11 |       | P        | 93.3 |
| 6 | <input type="checkbox"/> |       |            | 22.22 |       | P        | 21.6 |
| 7 | <input type="checkbox"/> |       |            | 38.89 |       | P        | 53.9 |
| 8 | <input type="checkbox"/> |       |            | 33.33 |       | P        | 50.0 |
| 9 | <input type="checkbox"/> |       |            | 63.89 |       | P        | 30.1 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 17.78 |       | P        | 10.8 |
| 2 | <input type="checkbox"/> |       |            |       |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 22.22 |       | P        | 48.2 |
| 4 | <input type="checkbox"/> |       |            | 22.22 |       | P        | 22.9 |
| 5 | <input type="checkbox"/> |       |            | 24.44 |       | P        | 34.3 |
| 6 | <input type="checkbox"/> |       |            | 18.89 |       | P        | 73.5 |
| 7 | <input type="checkbox"/> |       |            | 26.67 |       | P        | 37.5 |
| 8 | <input type="checkbox"/> |       |            | 26.67 |       | P        | 12.5 |
| 9 | <input type="checkbox"/> |       |            | 21.11 |       | P        | 9.1  |

**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      | 91.67      | 0.0000 | P        | 15.8 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |          |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.949      | 8047.20    | 0.0012 | P        | 3.9  |
| 4 | <input type="checkbox"/> | 50.000   | 49.777     | 424207.82  | 0.0642 | P        | 0.5  |
| 5 | <input type="checkbox"/> | 125.000  | 126.400    | 1074718.31 | 0.1630 | P        | 0.4  |
| 6 | <input type="checkbox"/> | 250.000  | 253.885    | 2097028.69 | 0.3274 | P        | 0.5  |
| 7 | <input type="checkbox"/> | 500.000  | 506.161    | 4151331.43 | 0.6527 | P        | 0.9  |
| 8 | <input type="checkbox"/> | 1000.000 | 995.784    | 8234119.19 | 1.2840 | A        | 0.6  |
| 9 | <input type="checkbox"/> |          |            | 2278.08    | 0.0004 | P        | 2.8  |

$$y = 0.0013 * x + 1.4297E-005$$

$$R = 1.0000$$

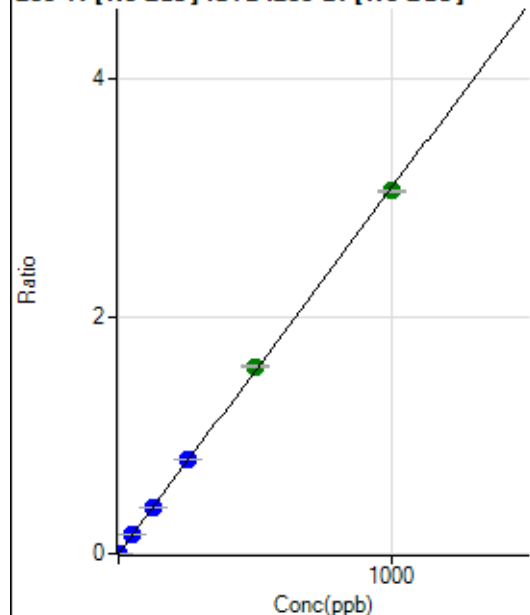
$$DL = 0.005265$$

$$BEC = 0.01109$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 200.01      | 0.0000 | P    | 20.7 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.913      | 18513.55    | 0.0028 | P    | 2.1  |
| 4 | <input type="checkbox"/> | 50.000   | 50.303     | 1024555.80  | 0.1551 | P    | 0.3  |
| 5 | <input type="checkbox"/> | 125.000  | 127.192    | 2584567.81  | 0.3920 | P    | 0.5  |
| 6 | <input type="checkbox"/> | 250.000  | 255.976    | 5053030.19  | 0.7889 | P    | 0.2  |
| 7 | <input type="checkbox"/> | 500.000  | 512.190    | 10039578.87 | 1.5785 | A    | 1.0  |
| 8 | <input type="checkbox"/> | 1000.000 | 992.122    | 19606896.27 | 3.0575 | A    | 0.4  |
| 9 | <input type="checkbox"/> |          |            | 5134.58     | 0.0009 | P    | 4.6  |

$$y = 0.0031 * x + 3.1185E-005$$

$$R = 0.9999$$

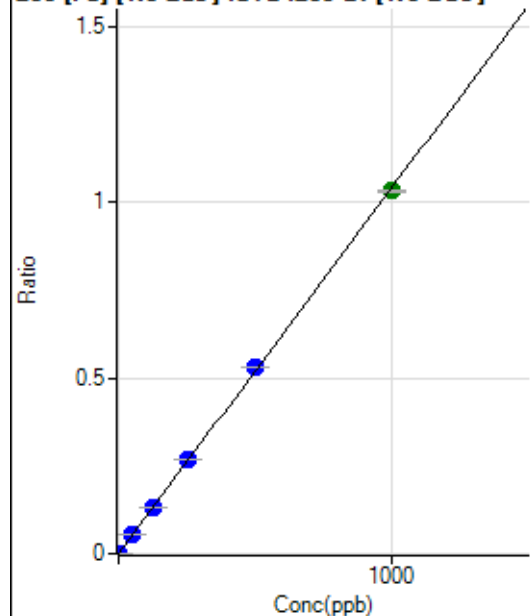
$$DL = 0.006269$$

$$BEC = 0.01012$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 175.93     | 0.0000 | P    | 11.5 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.930      | 6466.60    | 0.0010 | P    | 2.6  |
| 4 | <input type="checkbox"/> | 50.000   | 50.766     | 348807.19  | 0.0528 | P    | 1.4  |
| 5 | <input type="checkbox"/> | 125.000  | 128.390    | 879995.38  | 0.1335 | P    | 0.4  |
| 6 | <input type="checkbox"/> | 250.000  | 257.669    | 1715556.01 | 0.2678 | P    | 0.6  |
| 7 | <input type="checkbox"/> | 500.000  | 509.704    | 3369662.00 | 0.5298 | P    | 0.5  |
| 8 | <input type="checkbox"/> | 1000.000 | 992.769    | 6616902.35 | 1.0319 | A    | 0.6  |
| 9 | <input type="checkbox"/> |          |            | 6770.45    | 0.0012 | P    | 4.6  |

$$y = 0.0010 * x + 2.7444E-005$$

$$R = 0.9999$$

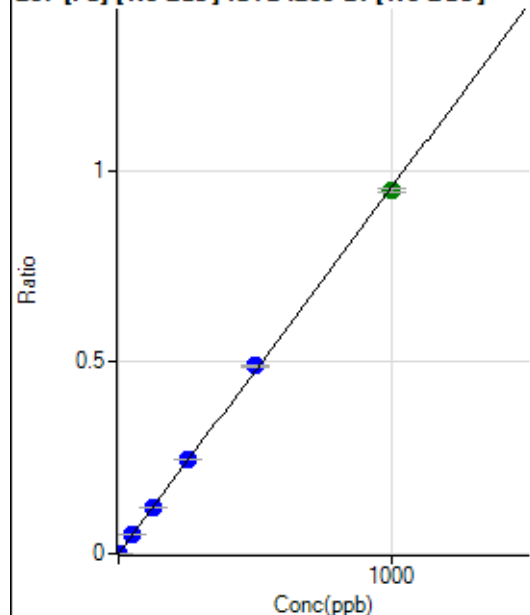
$$DL = 0.009117$$

$$BEC = 0.02641$$

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      | 172.23     | 0.0000 | P   | 5.3 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |     |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.890      | 5706.95    | 0.0009 | P   | 3.7 |
| 4 | <input type="checkbox"/> | 50.000   | 50.284     | 317698.92  | 0.0481 | P   | 0.7 |
| 5 | <input type="checkbox"/> | 125.000  | 127.987    | 806607.92  | 0.1223 | P   | 0.8 |
| 6 | <input type="checkbox"/> | 250.000  | 256.882    | 1572596.22 | 0.2455 | P   | 0.9 |
| 7 | <input type="checkbox"/> | 500.000  | 513.067    | 3118779.79 | 0.4903 | P   | 0.4 |
| 8 | <input type="checkbox"/> | 1000.000 | 991.359    | 6075183.47 | 0.9474 | A   | 1.0 |
| 9 | <input type="checkbox"/> |          |            | 6029.32    | 0.0011 | P   | 3.8 |

$$y = 9.5565E-004 * x + 2.6855E-005$$

$$R = 0.9998$$

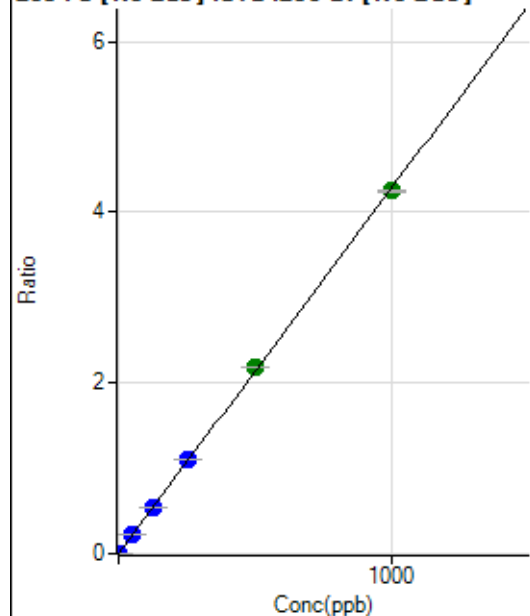
$$DL = 0.004432$$

$$BEC = 0.0281$$

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      | 688.91      | 0.0001 | P   | 1.9 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |     |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.928      | 26526.10    | 0.0041 | P   | 1.1 |
| 4 | <input type="checkbox"/> | 50.000   | 50.382     | 1425949.71  | 0.2158 | P   | 0.8 |
| 5 | <input type="checkbox"/> | 125.000  | 127.993    | 3613630.23  | 0.5481 | P   | 0.6 |
| 6 | <input type="checkbox"/> | 250.000  | 256.514    | 7035009.46  | 1.0983 | P   | 0.5 |
| 7 | <input type="checkbox"/> | 500.000  | 510.245    | 13895034.14 | 2.1846 | A   | 0.7 |
| 8 | <input type="checkbox"/> | 1000.000 | 992.856    | 27258369.13 | 4.2508 | A   | 0.8 |
| 9 | <input type="checkbox"/> |          |            | 27589.85    | 0.0049 | P   | 2.5 |

$$y = 0.0043 * x + 1.0743E-004$$

$$R = 0.9999$$

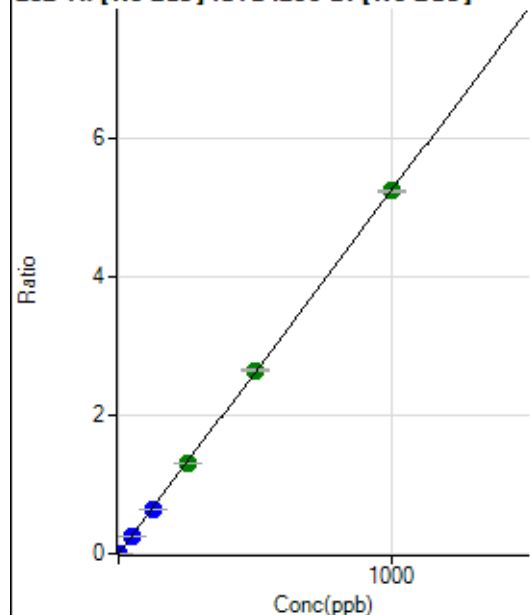
$$DL = 0.001424$$

$$BEC = 0.02509$$

Weight: &lt;None&gt;

Min Conc: 0

232 Th [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      | 103.71      | 0.0000 | P   | 11.6 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.854      | 29229.46    | 0.0045 | P   | 1.5  |
| 4 | <input type="checkbox"/> | 50.000   | 47.439     | 1644742.87  | 0.2489 | P   | 0.3  |
| 5 | <input type="checkbox"/> | 125.000  | 121.537    | 4204454.00  | 0.6377 | P   | 0.3  |
| 6 | <input type="checkbox"/> | 250.000  | 247.917    | 8331704.47  | 1.3008 | A   | 0.4  |
| 7 | <input type="checkbox"/> | 500.000  | 504.334    | 16829999.22 | 2.6461 | A   | 0.8  |
| 8 | <input type="checkbox"/> | 1000.000 | 998.915    | 33607523.90 | 5.2410 | A   | 0.9  |
| 9 | <input type="checkbox"/> |          |            | 6816.82     | 0.0012 | P   | 10.6 |

$$y = 0.0052 * x + 1.6178E-005$$

$$R = 1.0000$$

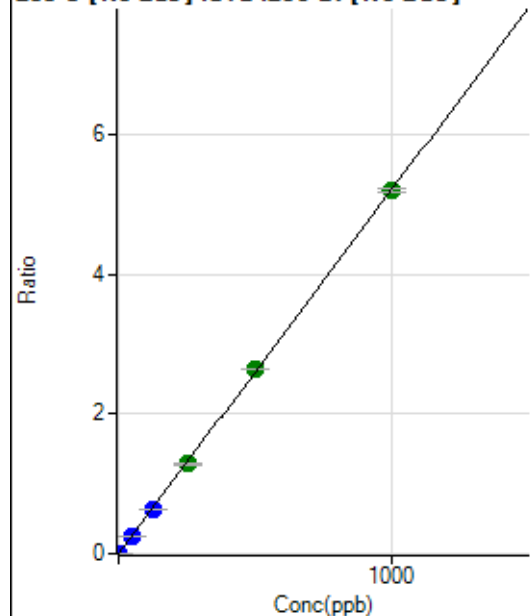
$$DL = 0.001073$$

$$BEC = 0.003083$$

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      | 102.78      | 0.0000 | P   | 38.5 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.862      | 29342.24    | 0.0045 | P   | 0.5  |
| 4 | <input type="checkbox"/> | 50.000   | 47.412     | 1633047.72  | 0.2471 | P   | 0.3  |
| 5 | <input type="checkbox"/> | 125.000  | 122.048    | 4194420.45  | 0.6362 | P   | 0.3  |
| 6 | <input type="checkbox"/> | 250.000  | 246.970    | 8245496.63  | 1.2873 | A   | 0.9  |
| 7 | <input type="checkbox"/> | 500.000  | 507.362    | 16820250.55 | 2.6445 | A   | 0.5  |
| 8 | <input type="checkbox"/> | 1000.000 | 997.575    | 33342041.37 | 5.1997 | A   | 1.0  |
| 9 | <input type="checkbox"/> |          |            | 2375.32     | 0.0004 | P   | 14.7 |

$$y = 0.0052 * x + 1.6036E-005$$

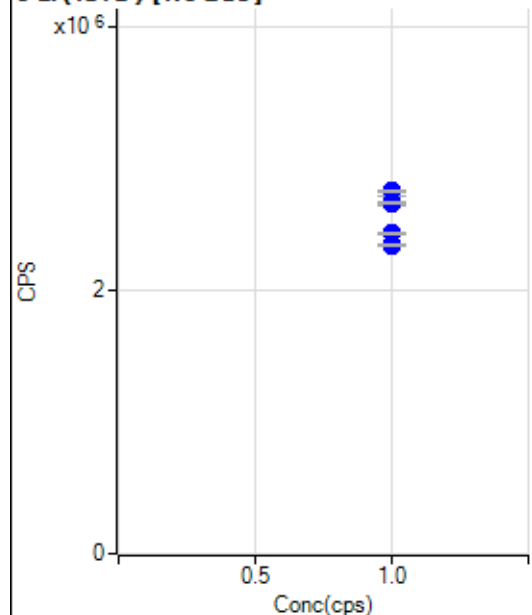
$$R = 0.9999$$

$$DL = 0.003553$$

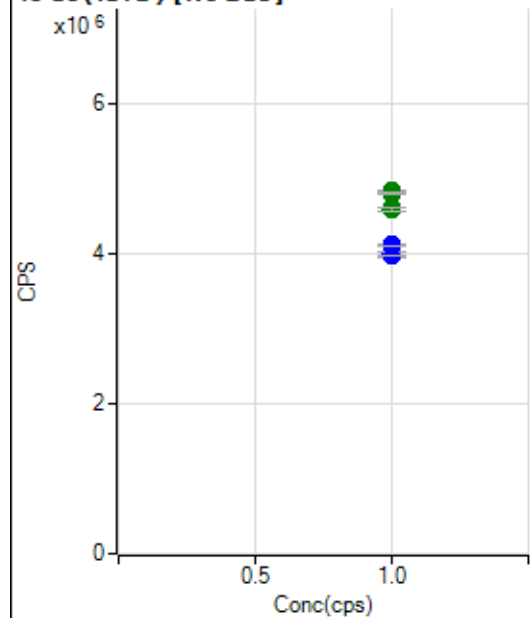
$$BEC = 0.003077$$

Weight: &lt;None&gt;

Min Conc: 0

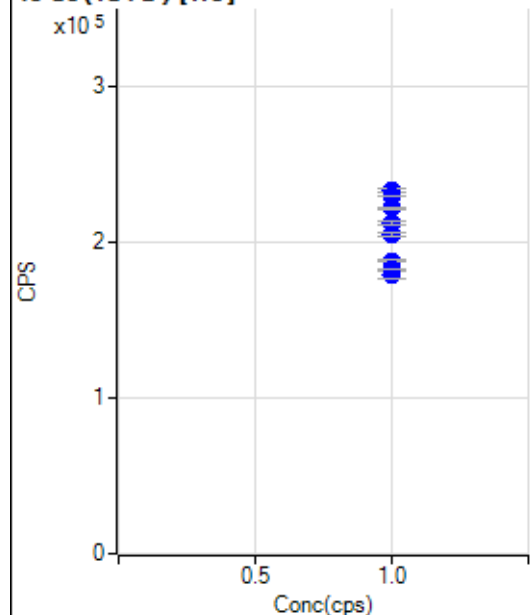
**6 Li (ISTD) [No Gas]**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 2651988.43 |       | P        | 0.3 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 2713998.63 |       | P        | 0.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 2754282.22 |       | P        | 0.5 |
| 5 | <input type="checkbox"/> | 1.000 |            | 2659984.20 |       | P        | 0.7 |
| 6 | <input type="checkbox"/> | 1.000 |            | 2431336.78 |       | P        | 1.1 |
| 7 | <input type="checkbox"/> | 1.000 |            | 2343930.36 |       | P        | 0.2 |
| 8 | <input type="checkbox"/> | 1.000 |            | 2346452.22 |       | P        | 0.6 |
| 9 | <input type="checkbox"/> | 1.000 |            | 2338499.73 |       | P        | 0.7 |

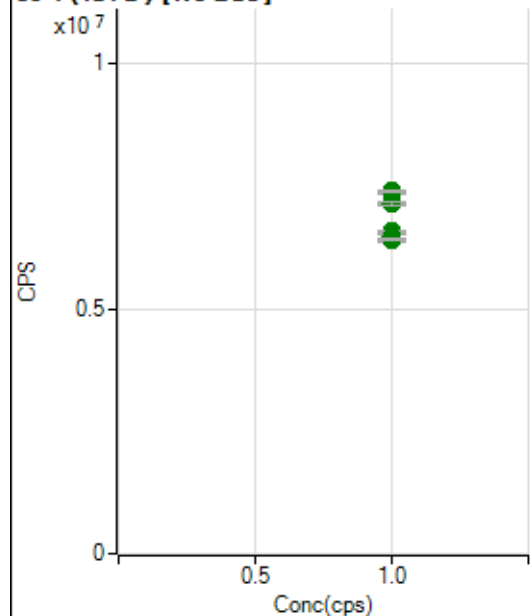
**45 Sc (ISTD) [No Gas]**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 4621452.88 |       | A        | 0.1 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 4842437.78 |       | A        | 0.6 |
| 4 | <input type="checkbox"/> | 1.000 |            | 4810027.50 |       | A        | 0.8 |
| 5 | <input type="checkbox"/> | 1.000 |            | 4590239.21 |       | A        | 1.0 |
| 6 | <input type="checkbox"/> | 1.000 |            | 4122640.07 |       | P        | 0.9 |
| 7 | <input type="checkbox"/> | 1.000 |            | 3967321.66 |       | P        | 0.7 |
| 8 | <input type="checkbox"/> | 1.000 |            | 4003345.36 |       | P        | 0.7 |
| 9 | <input type="checkbox"/> | 1.000 |            | 4105335.90 |       | P        | 0.5 |

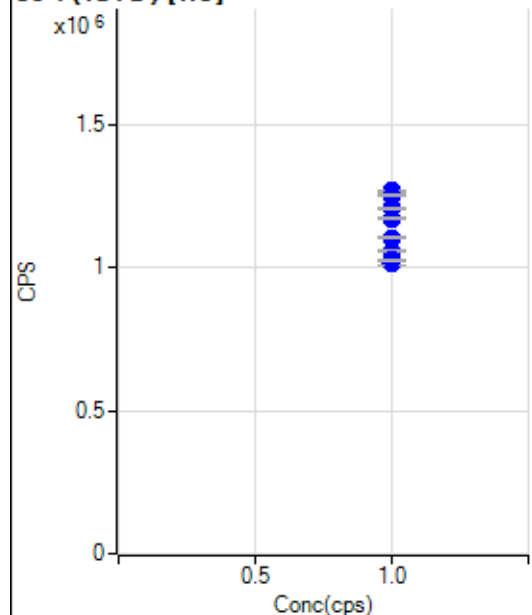


**45 Sc (ISTD) [He]**

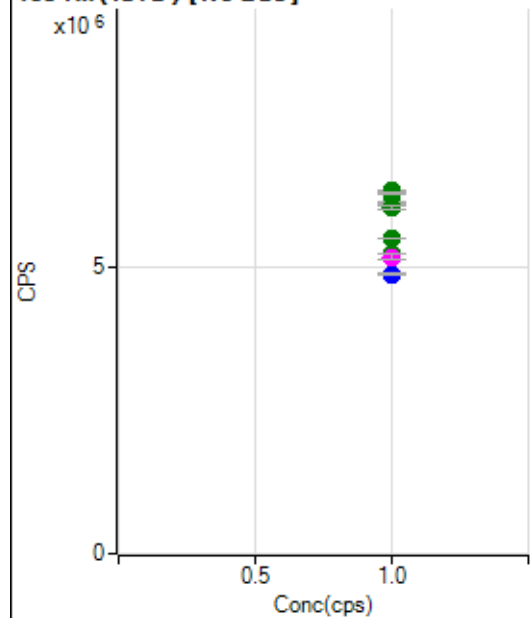
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 222062.73 |       | P        | 0.3 |
| 2 | <input type="checkbox"/> | 1.000 |            |           |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 233070.59 |       | P        | 1.2 |
| 4 | <input type="checkbox"/> | 1.000 |            | 229958.05 |       | P        | 0.3 |
| 5 | <input type="checkbox"/> | 1.000 |            | 212957.55 |       | P        | 1.1 |
| 6 | <input type="checkbox"/> | 1.000 |            | 188011.11 |       | P        | 0.7 |
| 7 | <input type="checkbox"/> | 1.000 |            | 179242.57 |       | P        | 2.4 |
| 8 | <input type="checkbox"/> | 1.000 |            | 182762.76 |       | P        | 0.5 |
| 9 | <input type="checkbox"/> | 1.000 |            | 205247.13 |       | P        | 1.5 |

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

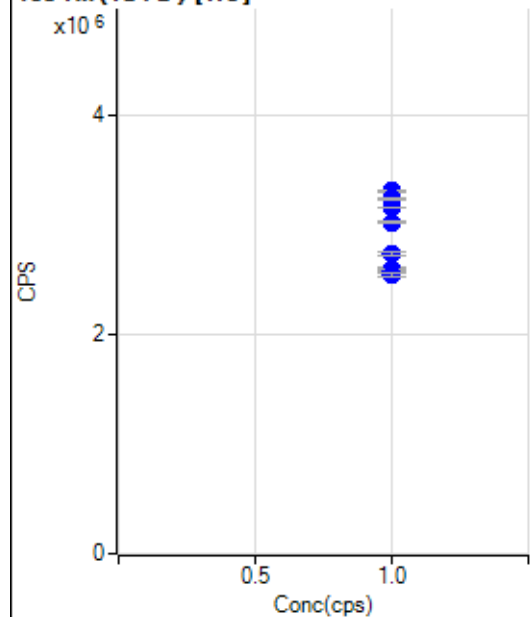
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 7123057.32 |       | A        | 0.6 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 7358223.43 |       | A        | 0.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 7404205.17 |       | A        | 0.5 |
| 5 | <input type="checkbox"/> | 1.000 |            | 7137411.42 |       | A        | 0.9 |
| 6 | <input type="checkbox"/> | 1.000 |            | 6581763.10 |       | A        | 0.7 |
| 7 | <input type="checkbox"/> | 1.000 |            | 6379175.04 |       | A        | 0.3 |
| 8 | <input type="checkbox"/> | 1.000 |            | 6479012.89 |       | A        | 1.2 |
| 9 | <input type="checkbox"/> | 1.000 |            | 6421281.99 |       | A        | 0.7 |

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

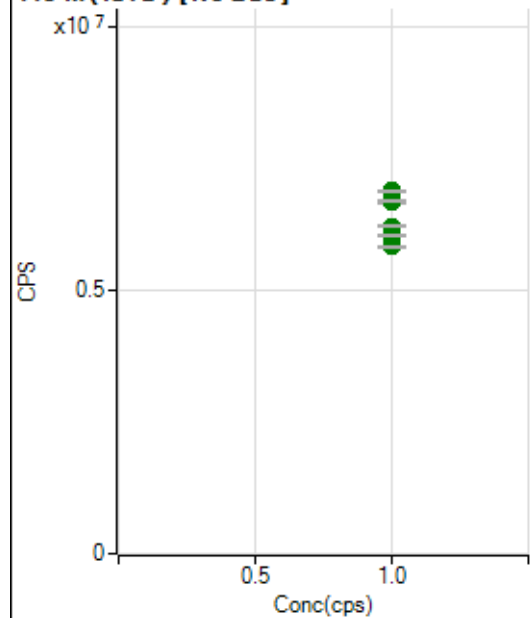
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1210465.95 |       | P        | 0.4 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 1270270.93 |       | P        | 0.6 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1255230.54 |       | P        | 0.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1174357.40 |       | P        | 0.8 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1059733.45 |       | P        | 0.6 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1017259.91 |       | P        | 1.2 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1029152.02 |       | P        | 0.8 |
| 9 | <input type="checkbox"/> | 1.000 |            | 1107221.57 |       | P        | 0.9 |

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

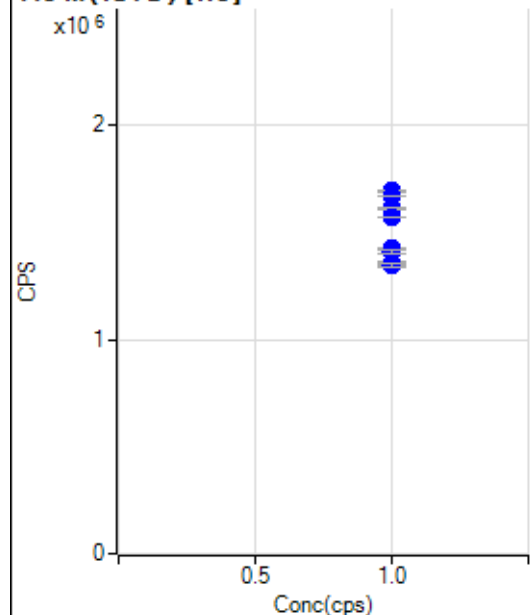
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 6135774.79 |       | A        | 0.6 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 6335806.26 |       | A        | 0.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 6285416.16 |       | A        | 0.6 |
| 5 | <input type="checkbox"/> | 1.000 |            | 6039675.44 |       | A        | 0.7 |
| 6 | <input type="checkbox"/> | 1.000 |            | 5506620.96 |       | A        | 0.5 |
| 7 | <input type="checkbox"/> | 1.000 |            | 5231574.90 |       | A        | 0.1 |
| 8 | <input type="checkbox"/> | 1.000 |            | 5187117.48 |       | M        | 1.3 |
| 9 | <input type="checkbox"/> | 1.000 |            | 4884657.58 |       | P        | 0.7 |

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

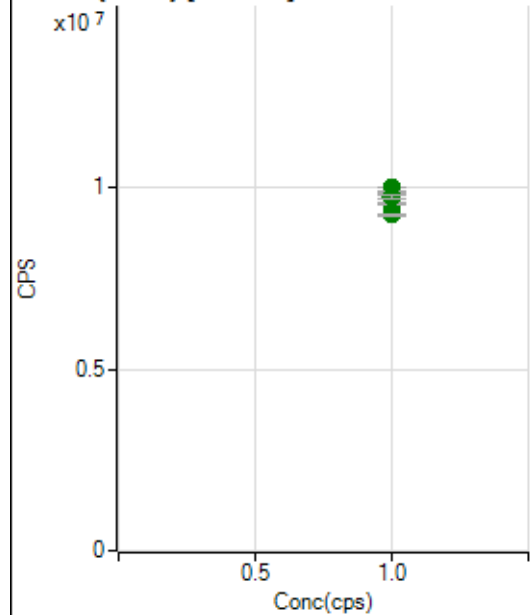
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 3158434.85 |       | P        | 0.5 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 3310565.05 |       | P        | 0.6 |
| 4 | <input type="checkbox"/> | 1.000 |            | 3240626.69 |       | P        | 0.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 3026701.76 |       | P        | 0.5 |
| 6 | <input type="checkbox"/> | 1.000 |            | 2742048.01 |       | P        | 1.0 |
| 7 | <input type="checkbox"/> | 1.000 |            | 2596281.00 |       | P        | 1.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 2578615.62 |       | P        | 0.9 |
| 9 | <input type="checkbox"/> | 1.000 |            | 2547110.26 |       | P        | 1.1 |

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

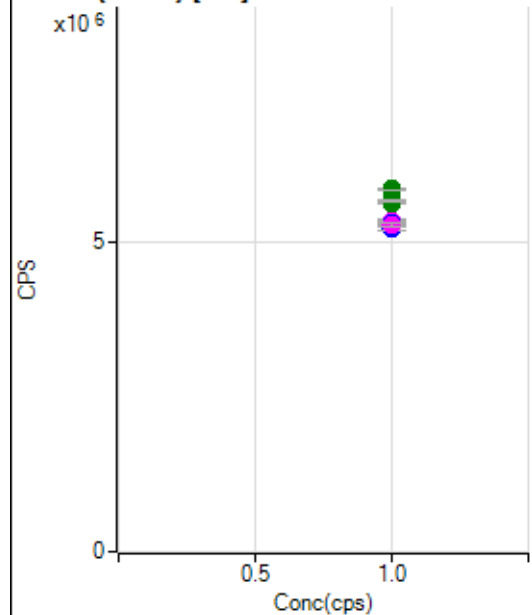
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 6693445.27 |       | A        | 0.8 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 6889734.01 |       | A        | 0.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 6897551.97 |       | A        | 0.7 |
| 5 | <input type="checkbox"/> | 1.000 |            | 6703573.59 |       | A        | 0.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 6232459.08 |       | A        | 0.6 |
| 7 | <input type="checkbox"/> | 1.000 |            | 6041776.44 |       | A        | 0.3 |
| 8 | <input type="checkbox"/> | 1.000 |            | 6044082.67 |       | A        | 1.0 |
| 9 | <input type="checkbox"/> | 1.000 |            | 5844070.15 |       | A        | 0.7 |

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

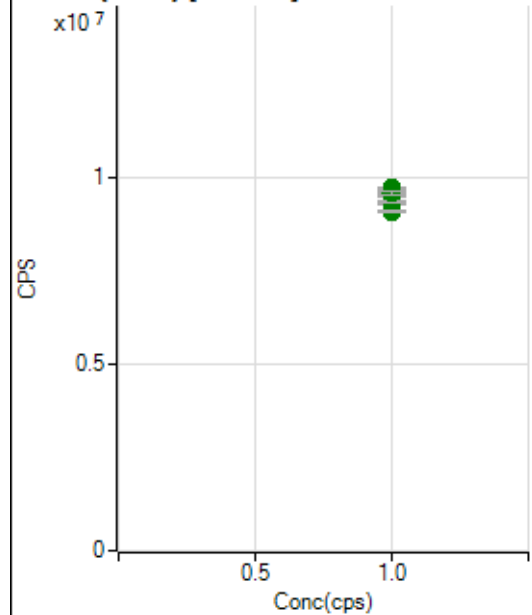
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1613087.42 |       | P        | 0.5 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 1692383.06 |       | P        | 0.5 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1667960.79 |       | P        | 0.3 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1567629.25 |       | P        | 0.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1426016.58 |       | P        | 0.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1352849.05 |       | P        | 1.7 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1347481.49 |       | P        | 1.3 |
| 9 | <input type="checkbox"/> | 1.000 |            | 1407573.69 |       | P        | 0.8 |

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

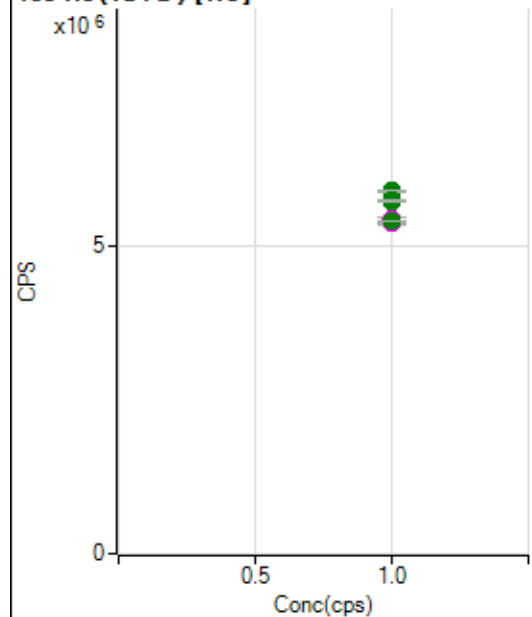
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 9571799.58 |       | A        | 0.3 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 9815994.16 |       | A        | 0.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 9999789.92 |       | A        | 0.2 |
| 5 | <input type="checkbox"/> | 1.000 |            | 9909708.81 |       | A        | 0.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 9552153.82 |       | A        | 0.2 |
| 7 | <input type="checkbox"/> | 1.000 |            | 9574332.84 |       | A        | 0.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 9753591.87 |       | A        | 0.6 |
| 9 | <input type="checkbox"/> | 1.000 |            | 9260617.57 |       | A        | 0.6 |

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

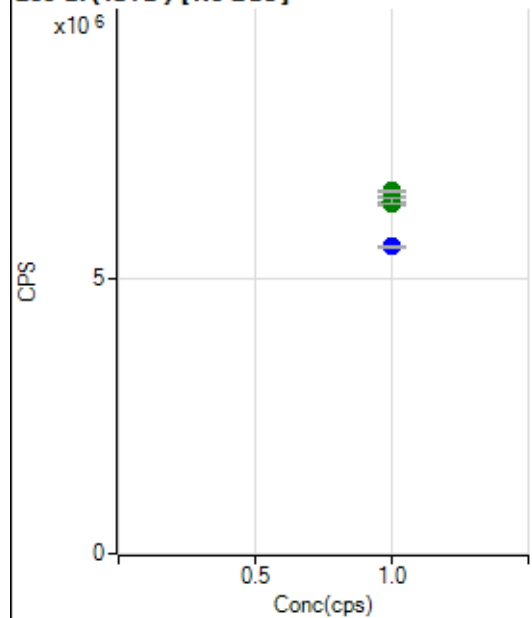
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 5640270.13 |       | A        | 0.3 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 5872396.93 |       | A        | 0.6 |
| 4 | <input type="checkbox"/> | 1.000 |            | 5855131.51 |       | A        | 0.2 |
| 5 | <input type="checkbox"/> | 1.000 |            | 5681866.72 |       | A        | 0.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 5367425.65 |       | M        | 0.8 |
| 7 | <input type="checkbox"/> | 1.000 |            | 5229252.49 |       | P        | 1.6 |
| 8 | <input type="checkbox"/> | 1.000 |            | 5315407.14 |       | P        | 0.6 |
| 9 | <input type="checkbox"/> | 1.000 |            | 5304357.73 |       | M        | 1.2 |

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

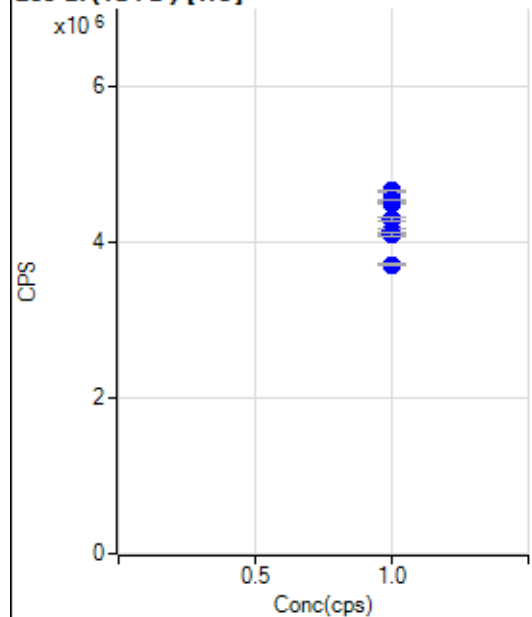
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 9300010.10 |       | A        | 0.5 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 9492387.28 |       | A        | 0.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 9707556.38 |       | A        | 0.8 |
| 5 | <input type="checkbox"/> | 1.000 |            | 9615531.64 |       | A        | 0.9 |
| 6 | <input type="checkbox"/> | 1.000 |            | 9322672.34 |       | A        | 0.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 9316380.07 |       | A        | 0.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 9588656.46 |       | A        | 1.0 |
| 9 | <input type="checkbox"/> | 1.000 |            | 9076574.59 |       | A        | 0.2 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 5727638.60 |       | A        | 0.4 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 5903103.04 |       | A        | 0.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 5893239.84 |       | A        | 0.2 |
| 5 | <input type="checkbox"/> | 1.000 |            | 5743687.97 |       | A        | 0.6 |
| 6 | <input type="checkbox"/> | 1.000 |            | 5433747.94 |       | M        | 1.2 |
| 7 | <input type="checkbox"/> | 1.000 |            | 5385077.04 |       | P        | 1.2 |
| 8 | <input type="checkbox"/> | 1.000 |            | 5396794.43 |       | M        | 0.6 |
| 9 | <input type="checkbox"/> | 1.000 |            | 5410843.64 |       | A        | 0.5 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 6412471.36 |       | A        | 0.4 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 6503779.14 |       | A        | 0.6 |
| 4 | <input type="checkbox"/> | 1.000 |            | 6607745.04 |       | A        | 0.6 |
| 5 | <input type="checkbox"/> | 1.000 |            | 6593339.56 |       | A        | 0.8 |
| 6 | <input type="checkbox"/> | 1.000 |            | 6405226.71 |       | A        | 0.2 |
| 7 | <input type="checkbox"/> | 1.000 |            | 6360493.10 |       | A        | 0.6 |
| 8 | <input type="checkbox"/> | 1.000 |            | 6412960.81 |       | A        | 1.5 |
| 9 | <input type="checkbox"/> | 1.000 |            | 5587942.07 |       | P        | 0.6 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 4493033.23 |       | P        | 0.5 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 4653604.03 |       | P        | 0.6 |
| 4 | <input type="checkbox"/> | 1.000 |            | 4654405.55 |       | P        | 0.3 |
| 5 | <input type="checkbox"/> | 1.000 |            | 4538129.59 |       | P        | 0.2 |
| 6 | <input type="checkbox"/> | 1.000 |            | 4290664.07 |       | P        | 1.0 |
| 7 | <input type="checkbox"/> | 1.000 |            | 4139039.52 |       | P        | 1.8 |
| 8 | <input type="checkbox"/> | 1.000 |            | 4095019.70 |       | P        | 1.0 |
| 9 | <input type="checkbox"/> | 1.000 |            | 3703950.29 |       | P        | 0.6 |

US EPA Tune Check Sample Report

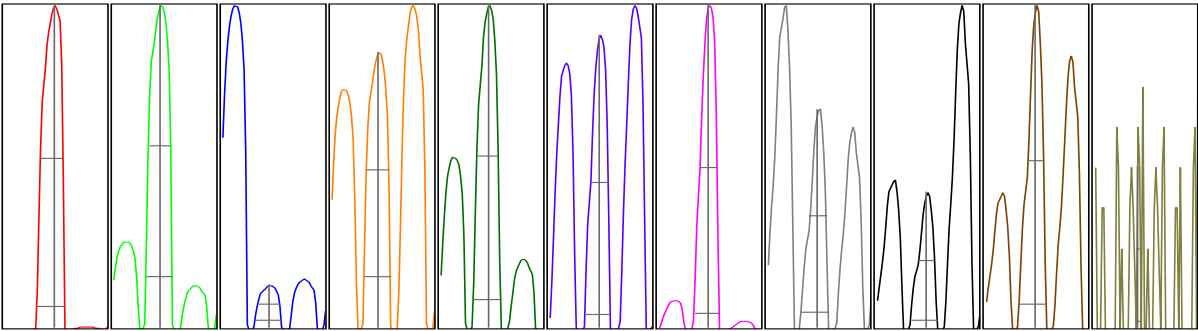
Batch Folder D:\ICP-MS Data\P7052919-MS.b  
Report Comment  
Instrument Name G8403A JP14410463

[No Gas]

| Mass | Count<br>(Mean) | RSD%<br>(Actual) | RSD%<br>(Required) | RSD%<br>(Flag) |
|------|-----------------|------------------|--------------------|----------------|
| 9    | 9249            | 1.91             | 5.00               |                |
| 24   | 139270          | 1.72             | 5.00               |                |
| 25   | 19046           | 1.34             | 5.00               |                |
| 26   | 22085           | 1.99             | 5.00               |                |
| 59   | 59441           | 1.96             | 5.00               |                |
| 113  | 8235            | 2.01             | 5.00               |                |
| 115  | 98885           | 2.19             | 5.00               |                |
| 206  | 27886           | 1.55             | 5.00               |                |
| 207  | 25513           | 1.43             | 5.00               |                |
| 208  | 60572           | 2.15             | 5.00               |                |
| 220  | 0               | 67.75            |                    |                |

| Mass | Replicate 1<br>Count | Replicate 2<br>Count | Replicate 3<br>Count | Replicate 4<br>Count | Replicate 5<br>Count |
|------|----------------------|----------------------|----------------------|----------------------|----------------------|
| 9    | 9100                 | 9458                 | 9424                 | 9146                 | 9115                 |
| 24   | 137670               | 142149               | 141591               | 137824               | 137114               |
| 25   | 18809                | 19342                | 19303                | 18907                | 18870                |
| 26   | 21713                | 22612                | 22518                | 21802                | 21781                |
| 59   | 58451                | 60747                | 60679                | 58785                | 58545                |
| 113  | 8184                 | 8428                 | 8387                 | 8122                 | 8053                 |
| 115  | 98306                | 101649               | 100642               | 96919                | 96907                |
| 206  | 27743                | 28431                | 28254                | 27536                | 27467                |
| 207  | 25240                | 25976                | 25844                | 25274                | 25233                |
| 208  | 58901                | 61964                | 61814                | 60243                | 59937                |
| 220  | 0                    | 0                    | 0                    | 0                    | 0                    |

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    | 14763          | 9.00             | 8.9 - 9.1          |                | 0.813                | 0.900                  |                        |
| 24   | 225430         | 23.90            | 23.9 - 24.1        |                | 0.758                | 0.900                  |                        |
| 25   | 30202          | 24.90            | 24.9 - 25.1        |                | 0.753                | 0.900                  |                        |
| 26   | 34855          | 25.90            | 25.9 - 26.1        |                | 0.753                | 0.900                  |                        |
| 59   | 101087         | 58.95            | 58.9 - 59.1        |                | 0.797                | 0.900                  |                        |
| 113  | 15802          | 113.00           | 112.9 - 113.1      |                | 0.732                | 0.900                  |                        |
| 115  | 194850         | 115.00           | 114.9 - 115.1      |                | 0.733                | 0.900                  |                        |
| 206  | 55720          | 206.00           | 205.9 - 206.1      |                | 0.786                | 0.900                  |                        |
| 207  | 51332          | 207.00           | 206.9 - 207.1      |                | 0.773                | 0.900                  |                        |
| 208  | 121799         | 208.00           | 207.9 - 208.1      |                | 0.786                | 0.900                  |                        |
| 220  | 0              | 219.80           | -                  |                | 0.146                |                        |                        |

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

Tune Parameters

## Plasma Paramters ##

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

## Lenses Parameters ##

| ParameterName | Value  | Unit | ParameterName | Value | Unit | ParameterName | Value | Unit |
|---------------|--------|------|---------------|-------|------|---------------|-------|------|
| Extract 1     | 0.0    | V    | Omega Lens    | 7.9   | V    | Deflect       | 13.6  | V    |
| Extract 2     | -100.0 | V    | Cell Entrance | -30   | V    | Plate Bias    | -35   | V    |
| Omega Bias    | -55    | 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       | 160   | V    |                       |       |       |

[He]

| Mass | Count<br>(Mean) | RSD%<br>(Actual) | RSD%<br>(Required) |
|------|-----------------|------------------|--------------------|
| 59   | 15416           | 3.57             |                    |
| 89   | 31163           | 3.91             |                    |
| 205  | 28064           | 2.30             |                    |

| Mass | Replicate 1<br>Count | Replicate 2<br>Count | Replicate 3<br>Count | Replicate 4<br>Count | Replicate 5<br>Count |
|------|----------------------|----------------------|----------------------|----------------------|----------------------|
| 59   | 15471                | 14640                | 15189                | 15659                | 16122                |
| 89   | 31399                | 29422                | 30652                | 31643                | 32698                |
| 205  | 28266                | 27239                | 27568                | 28425                | 28822                |

Integration Time [sec] = 0.1

Tune Parameters

## Plasma Paramters ##

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

## Lenses Parameters ##

| ParameterName | Value  | Unit | ParameterName | Value | Unit | ParameterName | Value | Unit |
|---------------|--------|------|---------------|-------|------|---------------|-------|------|
| Extract 1     | 0.0    | V    | Omega Lens    | 8.8   | V    | Deflect       | 1.6   | V    |
| Extract 2     | -110.0 | V    | Cell Entrance | -40   | V    | Plate Bias    | -60   | V    |
| Omega Bias    | -65    | V    | Cell Exit     | -60   | V    |               |       |      |

## Cell Parameters ##

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



LB Number : LB103076 Operator : Jaswal  
 Lab Sample ID : S0 Instrumnet Name : P7  
 Client Sample ID : S0 Dilution Factor : 1  
 Date & Time Acquired :: 2019-05-29 12:26:32 DataFile Name : 004CALB.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.03    | 0.03    | -0.07   | 0.00       | N/A     | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Arsenic    | 75-2  | -0.01   | 0.01    | 0.00    | 0.00       | N/A     | ppb   |
| Barium     | 135-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Barium     | 137-1 | 0.01    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Bismuth    | 209-1 |         |         |         | 100        |         | %     |
| Bismuth    | 209-2 |         |         |         | 100        |         | %     |
| Boron      | 10-1  | -0.03   | 0.31    | -0.28   | 0.00       | N/A     | ppb   |
| Boron      | 11-1  | 0.02    | 0.00    | -0.03   | 0.00       | N/A     | ppb   |
| Cadmium    | 111-1 | 0.03    | -0.02   | -0.01   | 0.00       | N/A     | ppb   |
| Cadmium    | 106-1 | 0.37    | -0.19   | -0.19   | 0.00       | N/A     | ppb   |
| Cadmium    | 108-1 | -0.02   | 0.04    | -0.02   | 0.00       | N/A     | ppb   |
| Calcium    | 43-1  | -0.81   | 1.97    | -1.16   | 0.00       | N/A     | ppb   |
| Calcium    | 44-1  | 0.45    | -0.34   | -0.10   | 0.00       | N/A     | ppb   |
| Chromium   | 52-2  | 0.00    | -0.01   | 0.01    | 0.00       | N/A     | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Copper     | 63-2  | -0.02   | 0.01    | 0.01    | 0.00       | N/A     | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 100        |         | %     |
| Holmium    | 165-2 |         |         |         | 100        |         | %     |
| Indium     | 115-1 |         |         |         | 100        |         | %     |
| Indium     | 115-2 |         |         |         | 100        |         | %     |
| Iron       | 56-2  | 0.00    | -0.07   | 0.08    | 0.00       | N/A     | ppb   |
| Iron       | 57-2  | 0.08    | 0.21    | -0.29   | 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 | 0.00    | 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  | 0.27    | -0.18   | -0.09   | 0.00       | N/A     | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | S0                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S0                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 12:26:32 | DataFile Name :   | 004CALB.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Molybdenum | 94-1  | 0.00    | 0.01    | -0.01   | 0.00       | N/A     | ppb   |
| Molybdenum | 95-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Molybdenum | 96-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Molybdenum | 97-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Molybdenum | 98-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.01   | 0.02    | -0.01   | 0.00       | N/A     | ppb   |
| Phosphorus | 31-2  | -22.12  | -29.57  | -39.12  | -30.27     |         | ppb   |
| Potassium  | 39-2  | -0.79   | 1.52    | -0.72   | 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  | 0.44    | -0.29   | -0.15   | 0.00       | N/A     | ppb   |
| Selenium   | 82-1  | -0.16   | -0.06   | 0.23    | 0.00       | N/A     | ppb   |
| Silicon    | 28-1  | -0.13   | -0.16   | 0.30    | 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  | 0.44    | 0.09    | -0.53   | 0.00       | N/A     | ppb   |
| Strontium  | 86-1  | 0.02    | 0.00    | -0.02   | 0.00       | N/A     | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Sulfur     | 34-1  | -85.70  | 4.85    | 90.96   | 3.37       | 2620.25 | ppb   |
| Terbium    | 159-1 |         |         |         | 100        |         | %     |
| Terbium    | 159-2 |         |         |         | 100        |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Thorium    | 232-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Tin        | 118-1 | 0.01    | -0.01   | 0.00    | 0.00       | N/A     | ppb   |
| Titanium   | 47-1  | 0.00    | 0.00    | 0.01    | 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        |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | S0                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S0                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 12:26:32 | DataFile Name :   | 004CALB.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 0.02    | -0.06   | 0.04    | 0.00       | N/A     | ppb   |
| Zirconium | 90-1 | 0.00    | -0.01   | 0.00    | 0.00       | N/A     | ppb   |
| Zirconium | 91-1 | 0.00    | 0.01    | -0.01   | 0.00       | N/A     | ppb   |

LB Number : LB103076 Operator : Jaswal  
 Lab Sample ID : S2 Instrumnet Name : P7  
 Client Sample ID : S2 Dilution Factor : 1  
 Date & Time Acquired :: 2019-05-29 12:34:44 DataFile Name : 006CALS.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 20.64   | 21.06   | 20.46   | 20.72      | 1.48    | ppb   |
| Antimony   | 121-1 | 2.02    | 1.98    | 1.96    | 1.99       | 1.62    | ppb   |
| Arsenic    | 75-2  | 0.86    | 1.10    | 1.15    | 1.04       | 15.37   | ppb   |
| Barium     | 135-1 | 10.52   | 10.41   | 10.65   | 10.53      | 1.13    | ppb   |
| Barium     | 137-1 | 10.99   | 10.59   | 10.30   | 10.63      | 3.27    | ppb   |
| Beryllium  | 9-1   | 1.00    | 1.05    | 1.00    | 1.01       | 2.74    | ppb   |
| Bismuth    | 209-1 |         |         |         | 101        |         | %     |
| Bismuth    | 209-2 |         |         |         | 104        |         | %     |
| Boron      | 10-1  | 24.04   | 23.79   | 24.41   | 24.08      | 1.30    | ppb   |
| Boron      | 11-1  | 24.31   | 24.69   | 23.97   | 24.33      | 1.48    | ppb   |
| Cadmium    | 111-1 | 0.99    | 0.85    | 0.97    | 0.94       | 8.23    | ppb   |
| Cadmium    | 106-1 | 1.38    | -0.32   | 1.27    | 0.78       | 122.39  | ppb   |
| Cadmium    | 108-1 | 1.33    | 1.02    | 1.08    | 1.15       | 14.09   | ppb   |
| Calcium    | 43-1  | 513.53  | 495.39  | 479.88  | 496.27     | 3.39    | ppb   |
| Calcium    | 44-1  | 485.42  | 483.06  | 487.51  | 485.33     | 0.46    | ppb   |
| Chromium   | 52-2  | 2.03    | 1.90    | 1.89    | 1.94       | 3.98    | ppb   |
| Cobalt     | 59-2  | 1.00    | 0.95    | 0.99    | 0.98       | 3.11    | ppb   |
| Copper     | 63-2  | 1.96    | 1.87    | 1.79    | 1.88       | 4.62    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 102        |         | %     |
| Holmium    | 165-2 |         |         |         | 103        |         | %     |
| Indium     | 115-1 |         |         |         | 103        |         | %     |
| Indium     | 115-2 |         |         |         | 105        |         | %     |
| Iron       | 56-2  | 55.21   | 56.47   | 55.17   | 55.62      | 1.33    | ppb   |
| Iron       | 57-2  | 54.46   | 53.73   | 56.98   | 55.06      | 3.10    | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.92    | 0.96    | 0.91    | 0.93       | 2.65    | ppb   |
| Lead       | 207-1 | 0.89    | 0.86    | 0.93    | 0.89       | 3.80    | ppb   |
| Lead       | 208-1 | 0.92    | 0.92    | 0.94    | 0.93       | 1.13    | ppb   |
| Lithium    | 6-1   |         |         |         | 102        |         | %     |
| Magnesium  | 24-2  | 526.64  | 521.74  | 507.90  | 518.76     | 1.87    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | S2                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S2                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 12:34:44 | DataFile Name :   | 006CALS.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 1.01    | 0.95    | 0.93    | 0.96       | 4.26    | ppb   |
| Molybdenum | 94-1  | 5.04    | 4.91    | 5.20    | 5.05       | 2.91    | ppb   |
| Molybdenum | 95-1  | 5.13    | 5.11    | 5.07    | 5.10       | 0.60    | ppb   |
| Molybdenum | 96-1  | 4.97    | 5.28    | 4.92    | 5.06       | 3.86    | ppb   |
| Molybdenum | 97-1  | 5.22    | 5.15    | 4.95    | 5.11       | 2.74    | ppb   |
| Molybdenum | 98-1  | 5.20    | 5.19    | 5.08    | 5.16       | 1.28    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.11    | 0.99    | 0.89    | 1.00       | 11.16   | ppb   |
| Phosphorus | 31-2  | 40.44   | 31.52   | 18.86   | 30.27      | 35.83   | ppb   |
| Potassium  | 39-2  | 497.60  | 493.28  | 479.42  | 490.10     | 1.94    | ppb   |
| Rhodium    | 103-1 |         |         |         | 103        |         | %     |
| Rhodium    | 103-2 |         |         |         | 105        |         | %     |
| Scandium   | 45-1  |         |         |         | 105        |         | %     |
| Scandium   | 45-2  |         |         |         | 105        |         | %     |
| Selenium   | 77-2  | 2.54    | 6.69    | 6.73    | 5.32       | 45.24   | ppb   |
| Selenium   | 78-2  | 5.28    | 5.74    | 4.89    | 5.30       | 8.06    | ppb   |
| Selenium   | 82-1  | 5.48    | 5.72    | 5.64    | 5.61       | 2.21    | ppb   |
| Silicon    | 28-1  | 9.00    | 9.25    | 9.09    | 9.11       | 1.35    | ppb   |
| Silver     | 109-1 | 1.02    | 1.06    | 0.99    | 1.02       | 3.23    | ppb   |
| Silver     | 107-1 | 1.05    | 1.03    | 1.06    | 1.05       | 1.37    | ppb   |
| Sodium     | 23-2  | 497.01  | 490.59  | 479.41  | 489.00     | 1.82    | ppb   |
| Strontium  | 86-1  | 0.97    | 0.91    | 1.04    | 0.97       | 6.41    | ppb   |
| Strontium  | 88-1  | 0.98    | 0.96    | 0.95    | 0.96       | 1.14    | ppb   |
| Sulfur     | 34-1  | 24.53   | -20.69  | -13.95  | -3.37      |         | ppb   |
| Terbium    | 159-1 |         |         |         | 103        |         | %     |
| Terbium    | 159-2 |         |         |         | 104        |         | %     |
| Thallium   | 203-1 | 0.97    | 0.91    | 0.97    | 0.95       | 3.91    | ppb   |
| Thallium   | 205-1 | 0.89    | 0.93    | 0.92    | 0.91       | 2.17    | ppb   |
| Thorium    | 232-1 | 0.87    | 0.85    | 0.85    | 0.85       | 1.46    | ppb   |
| Tin        | 118-1 | 5.60    | 5.67    | 5.46    | 5.57       | 1.92    | ppb   |
| Titanium   | 47-1  | 5.36    | 5.33    | 5.49    | 5.39       | 1.63    | ppb   |
| Uranium    | 238-1 | 0.86    | 0.87    | 0.86    | 0.86       | 0.46    | ppb   |
| Vanadium   | 51-2  | 5.16    | 4.96    | 5.12    | 5.08       | 2.11    | ppb   |
| Yttrium    | 89-1  |         |         |         | 103        |         | %     |
| Yttrium    | 89-2  |         |         |         | 105        |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | S2                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S2                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 12:34:44 | DataFile Name :   | 006CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 2.00    | 2.04    | 1.89    | 1.97       | 3.80    | ppb   |
| Zirconium | 90-1 | 0.96    | 0.91    | 0.92    | 0.93       | 2.66    | ppb   |
| Zirconium | 91-1 | 1.01    | 0.97    | 0.85    | 0.94       | 8.91    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | S3                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S3                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 12:38:41 | DataFile Name :   | 007CALS.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 991.34  | 1008.23 | 997.49  | 999.02     | 0.86    | ppb   |
| Antimony   | 121-1 | 54.50   | 54.89   | 54.10   | 54.49      | 0.72    | ppb   |
| Arsenic    | 75-2  | 51.37   | 51.78   | 51.61   | 51.59      | 0.40    | ppb   |
| Barium     | 135-1 | 273.23  | 268.96  | 269.56  | 270.58     | 0.85    | ppb   |
| Barium     | 137-1 | 272.57  | 270.74  | 268.36  | 270.56     | 0.78    | ppb   |
| Beryllium  | 9-1   | 54.95   | 53.59   | 53.91   | 54.15      | 1.31    | ppb   |
| Bismuth    | 209-1 |         |         |         | 103        |         | %     |
| Bismuth    | 209-2 |         |         |         | 104        |         | %     |
| Boron      | 10-1  | 49.57   | 53.67   | 52.18   | 51.81      | 4.01    | ppb   |
| Boron      | 11-1  | 50.79   | 51.70   | 51.41   | 51.30      | 0.91    | ppb   |
| Cadmium    | 111-1 | 50.35   | 49.84   | 50.78   | 50.32      | 0.93    | ppb   |
| Cadmium    | 106-1 | 48.61   | 49.28   | 51.60   | 49.83      | 3.16    | ppb   |
| Cadmium    | 108-1 | 52.69   | 51.16   | 52.14   | 51.99      | 1.49    | ppb   |
| Calcium    | 43-1  | 5128.07 | 5071.61 | 5088.42 | 5096.03    | 0.57    | ppb   |
| Calcium    | 44-1  | 5202.18 | 5107.33 | 5105.70 | 5138.40    | 1.08    | ppb   |
| Chromium   | 52-2  | 50.65   | 50.84   | 50.86   | 50.78      | 0.23    | ppb   |
| Cobalt     | 59-2  | 51.47   | 51.06   | 51.75   | 51.43      | 0.67    | ppb   |
| Copper     | 63-2  | 96.85   | 97.28   | 97.08   | 97.07      | 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 |         |         |         | 104        |         | %     |
| Holmium    | 165-2 |         |         |         | 103        |         | %     |
| Indium     | 115-1 |         |         |         | 103        |         | %     |
| Indium     | 115-2 |         |         |         | 103        |         | %     |
| Iron       | 56-2  | 2684.73 | 2688.27 | 2700.65 | 2691.22    | 0.31    | ppb   |
| Iron       | 57-2  | 2720.10 | 2711.56 | 2708.87 | 2713.51    | 0.22    | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 50.81   | 50.05   | 51.44   | 50.77      | 1.37    | ppb   |
| Lead       | 207-1 | 50.24   | 49.97   | 50.64   | 50.28      | 0.68    | ppb   |
| Lead       | 208-1 | 50.25   | 50.08   | 50.81   | 50.38      | 0.76    | ppb   |
| Lithium    | 6-1   |         |         |         | 104        |         | %     |
| Magnesium  | 24-2  | 5229.79 | 5240.00 | 5269.84 | 5246.54    | 0.40    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB103076            | Operator :        | Jaswal     |
| Lab Sample ID :         | S3                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S3                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2019-05-29 12:38:41 | DataFile Name :   | 007CAL.S.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 99.33   | 99.60   | 100.12  | 99.68      | 0.40    | ppb   |
| Molybdenum | 94-1  | 257.78  | 258.01  | 254.85  | 256.88     | 0.69    | ppb   |
| Molybdenum | 95-1  | 258.94  | 256.17  | 257.98  | 257.69     | 0.55    | ppb   |
| Molybdenum | 96-1  | 260.47  | 255.58  | 256.07  | 257.37     | 1.05    | ppb   |
| Molybdenum | 97-1  | 257.71  | 254.21  | 255.47  | 255.80     | 0.69    | ppb   |
| Molybdenum | 98-1  | 259.85  | 255.33  | 256.02  | 257.07     | 0.95    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 52.54   | 52.61   | 52.41   | 52.52      | 0.19    | ppb   |
| Phosphorus | 31-2  | 1030.82 | 1023.47 | 971.72  | 1008.67    | 3.19    | ppb   |
| Potassium  | 39-2  | 2546.65 | 2582.75 | 2569.01 | 2566.13    | 0.71    | ppb   |
| Rhodium    | 103-1 |         |         |         | 102        |         | %     |
| Rhodium    | 103-2 |         |         |         | 103        |         | %     |
| Scandium   | 45-1  |         |         |         | 104        |         | %     |
| Scandium   | 45-2  |         |         |         | 104        |         | %     |
| Selenium   | 77-2  | 58.53   | 45.83   | 53.70   | 52.69      | 12.17   | ppb   |
| Selenium   | 78-2  | 50.47   | 53.46   | 55.66   | 53.20      | 4.90    | ppb   |
| Selenium   | 82-1  | 55.51   | 52.92   | 53.58   | 54.00      | 2.49    | ppb   |
| Silicon    | 28-1  | 55.62   | 54.04   | 54.77   | 54.81      | 1.44    | ppb   |
| Silver     | 109-1 | 53.64   | 53.30   | 53.06   | 53.33      | 0.55    | ppb   |
| Silver     | 107-1 | 53.35   | 52.95   | 52.90   | 53.06      | 0.47    | ppb   |
| Sodium     | 23-2  | 5082.54 | 5153.82 | 5145.67 | 5127.35    | 0.76    | ppb   |
| Strontium  | 86-1  | 51.46   | 51.66   | 51.80   | 51.64      | 0.33    | ppb   |
| Strontium  | 88-1  | 51.45   | 51.38   | 51.12   | 51.32      | 0.34    | ppb   |
| Sulfur     | 34-1  | 1064.63 | 944.65  | 989.03  | 999.44     | 6.07    | ppb   |
| Terbium    | 159-1 |         |         |         | 104        |         | %     |
| Terbium    | 159-2 |         |         |         | 104        |         | %     |
| Thallium   | 203-1 | 49.61   | 49.64   | 50.07   | 49.78      | 0.52    | ppb   |
| Thallium   | 205-1 | 50.17   | 50.31   | 50.44   | 50.30      | 0.27    | ppb   |
| Thorium    | 232-1 | 47.42   | 47.31   | 47.59   | 47.44      | 0.29    | ppb   |
| Tin        | 118-1 | 55.50   | 55.46   | 55.64   | 55.53      | 0.17    | ppb   |
| Titanium   | 47-1  | 262.94  | 259.45  | 260.33  | 260.91     | 0.69    | ppb   |
| Uranium    | 238-1 | 47.37   | 47.31   | 47.55   | 47.41      | 0.26    | ppb   |
| Vanadium   | 51-2  | 49.82   | 49.77   | 50.26   | 49.95      | 0.54    | ppb   |
| Yttrium    | 89-1  |         |         |         | 104        |         | %     |
| Yttrium    | 89-2  |         |         |         | 104        |         | %     |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | S3                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S3                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 12:38:41 | DataFile Name :   | 007CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 98.59   | 98.13   | 99.76   | 98.83      | 0.85    | ppb   |
| Zirconium | 90-1 | 51.16   | 50.45   | 50.35   | 50.66      | 0.87    | ppb   |
| Zirconium | 91-1 | 52.25   | 51.67   | 51.29   | 51.74      | 0.93    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB103076            | Operator :        | Jaswal     |
| Lab Sample ID :         | S4                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S4                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2019-05-29 12:42:38 | DataFile Name :   | 008CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 2529.15  | 2525.35  | 2540.88  | 2531.80    | 0.32    | ppb   |
| Antimony   | 121-1 | 137.11   | 137.28   | 136.60   | 136.99     | 0.26    | ppb   |
| Arsenic    | 75-2  | 130.50   | 129.57   | 130.10   | 130.06     | 0.36    | ppb   |
| Barium     | 135-1 | 674.66   | 676.22   | 678.24   | 676.37     | 0.27    | ppb   |
| Barium     | 137-1 | 676.03   | 675.09   | 673.12   | 674.75     | 0.22    | ppb   |
| Beryllium  | 9-1   | 135.58   | 133.57   | 135.12   | 134.76     | 0.78    | ppb   |
| Bismuth    | 209-1 |          |          |          | 103        |         | %     |
| Bismuth    | 209-2 |          |          |          | 101        |         | %     |
| Boron      | 10-1  | 127.53   | 127.26   | 131.62   | 128.80     | 1.89    | ppb   |
| Boron      | 11-1  | 128.72   | 128.44   | 130.34   | 129.17     | 0.79    | ppb   |
| Cadmium    | 111-1 | 125.44   | 125.02   | 124.69   | 125.05     | 0.30    | ppb   |
| Cadmium    | 106-1 | 128.18   | 126.37   | 123.54   | 126.03     | 1.86    | ppb   |
| Cadmium    | 108-1 | 127.32   | 127.34   | 124.38   | 126.35     | 1.35    | ppb   |
| Calcium    | 43-1  | 12975.89 | 12977.75 | 12825.23 | 12926.29   | 0.68    | ppb   |
| Calcium    | 44-1  | 12833.70 | 12935.87 | 12792.01 | 12853.86   | 0.58    | ppb   |
| Chromium   | 52-2  | 126.42   | 128.29   | 127.68   | 127.46     | 0.75    | ppb   |
| Cobalt     | 59-2  | 128.66   | 129.46   | 128.58   | 128.90     | 0.38    | ppb   |
| Copper     | 63-2  | 241.10   | 243.31   | 241.45   | 241.96     | 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 |          |          |          | 100        |         | %     |
| Indium     | 115-1 |          |          |          | 100        |         | %     |
| Indium     | 115-2 |          |          |          | 97         |         | %     |
| Iron       | 56-2  | 6772.17  | 6846.34  | 6837.96  | 6818.83    | 0.60    | ppb   |
| Iron       | 57-2  | 6796.04  | 6854.41  | 6921.28  | 6857.24    | 0.91    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 127.97   | 128.92   | 128.28   | 128.39     | 0.38    | ppb   |
| Lead       | 207-1 | 126.79   | 128.34   | 128.84   | 127.99     | 0.84    | ppb   |
| Lead       | 208-1 | 127.05   | 128.59   | 128.34   | 127.99     | 0.64    | ppb   |
| Lithium    | 6-1   |          |          |          | 100        |         | %     |
| Magnesium  | 24-2  | 13221.78 | 13353.56 | 13296.77 | 13290.70   | 0.50    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB103076            | Operator :        | Jaswal     |
| Lab Sample ID :         | S4                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S4                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2019-05-29 12:42:38 | DataFile Name :   | 008CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 251.27   | 255.44   | 251.64   | 252.78     | 0.91    | ppb   |
| Molybdenum | 94-1  | 644.40   | 644.50   | 645.78   | 644.90     | 0.12    | ppb   |
| Molybdenum | 95-1  | 645.10   | 645.65   | 658.12   | 649.62     | 1.13    | ppb   |
| Molybdenum | 96-1  | 648.09   | 647.95   | 652.23   | 649.42     | 0.37    | ppb   |
| Molybdenum | 97-1  | 645.66   | 649.76   | 650.36   | 648.59     | 0.39    | ppb   |
| Molybdenum | 98-1  | 648.11   | 649.28   | 656.15   | 651.18     | 0.67    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 130.57   | 132.59   | 130.38   | 131.18     | 0.93    | ppb   |
| Phosphorus | 31-2  | 2620.01  | 2658.78  | 2692.93  | 2657.24    | 1.37    | ppb   |
| Potassium  | 39-2  | 6413.65  | 6532.32  | 6439.96  | 6461.97    | 0.96    | ppb   |
| Rhodium    | 103-1 |          |          |          | 98         |         | %     |
| Rhodium    | 103-2 |          |          |          | 96         |         | %     |
| Scandium   | 45-1  |          |          |          | 99         |         | %     |
| Scandium   | 45-2  |          |          |          | 96         |         | %     |
| Selenium   | 77-2  | 135.84   | 127.95   | 133.21   | 132.33     | 3.03    | ppb   |
| Selenium   | 78-2  | 130.22   | 130.42   | 133.79   | 131.47     | 1.53    | ppb   |
| Selenium   | 82-1  | 134.87   | 135.55   | 137.06   | 135.83     | 0.83    | ppb   |
| Silicon    | 28-1  | 133.93   | 135.03   | 133.58   | 134.18     | 0.57    | ppb   |
| Silver     | 109-1 | 131.28   | 130.36   | 129.62   | 130.42     | 0.64    | ppb   |
| Silver     | 107-1 | 129.64   | 129.33   | 129.26   | 129.41     | 0.16    | ppb   |
| Sodium     | 23-2  | 12989.95 | 13104.16 | 12979.39 | 13024.50   | 0.53    | ppb   |
| Strontium  | 86-1  | 129.01   | 132.14   | 129.54   | 130.23     | 1.29    | ppb   |
| Strontium  | 88-1  | 129.02   | 130.06   | 129.91   | 129.66     | 0.43    | ppb   |
| Sulfur     | 34-1  | 2415.38  | 2483.18  | 2246.23  | 2381.59    | 5.12    | ppb   |
| Terbium    | 159-1 |          |          |          | 104        |         | %     |
| Terbium    | 159-2 |          |          |          | 101        |         | %     |
| Thallium   | 203-1 | 126.05   | 126.97   | 126.19   | 126.40     | 0.39    | ppb   |
| Thallium   | 205-1 | 127.16   | 127.81   | 126.60   | 127.19     | 0.48    | ppb   |
| Thorium    | 232-1 | 121.78   | 121.66   | 121.17   | 121.54     | 0.27    | ppb   |
| Tin        | 118-1 | 136.49   | 137.53   | 137.09   | 137.03     | 0.38    | ppb   |
| Titanium   | 47-1  | 643.58   | 653.58   | 647.56   | 648.24     | 0.78    | ppb   |
| Uranium    | 238-1 | 122.32   | 122.20   | 121.62   | 122.05     | 0.31    | ppb   |
| Vanadium   | 51-2  | 124.56   | 126.24   | 125.88   | 125.56     | 0.70    | ppb   |
| Yttrium    | 89-1  |          |          |          | 100        |         | %     |
| Yttrium    | 89-2  |          |          |          | 97         |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | S4                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S4                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 12:42:38 | DataFile Name :   | 008CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 251.58  | 254.75  | 255.17  | 253.83     | 0.77    | ppb   |
| Zirconium | 90-1 | 127.90  | 127.64  | 128.52  | 128.02     | 0.36    | ppb   |
| Zirconium | 91-1 | 131.03  | 129.96  | 131.33  | 130.77     | 0.55    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB103076            | Operator :        | Jaswal     |
| Lab Sample ID :         | S5                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S5                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2019-05-29 12:46:29 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 5219.31  | 5183.41  | 5085.69  | 5162.80    | 1.34    | ppb   |
| Antimony   | 121-1 | 267.05   | 267.09   | 264.93   | 266.35     | 0.46    | ppb   |
| Arsenic    | 75-2  | 260.33   | 258.70   | 258.29   | 259.11     | 0.42    | ppb   |
| Barium     | 135-1 | 1325.26  | 1323.06  | 1317.85  | 1322.06    | 0.29    | ppb   |
| Barium     | 137-1 | 1325.56  | 1316.28  | 1309.60  | 1317.15    | 0.61    | ppb   |
| Beryllium  | 9-1   | 266.68   | 265.21   | 268.82   | 266.90     | 0.68    | ppb   |
| Bismuth    | 209-1 |          |          |          | 100        |         | %     |
| Bismuth    | 209-2 |          |          |          | 95         |         | %     |
| Boron      | 10-1  | 252.38   | 256.08   | 260.42   | 256.29     | 1.57    | ppb   |
| Boron      | 11-1  | 253.60   | 255.35   | 261.63   | 256.86     | 1.64    | ppb   |
| Cadmium    | 111-1 | 241.56   | 239.05   | 240.37   | 240.33     | 0.52    | ppb   |
| Cadmium    | 106-1 | 241.86   | 236.55   | 248.06   | 242.15     | 2.38    | ppb   |
| Cadmium    | 108-1 | 246.09   | 246.31   | 242.89   | 245.10     | 0.78    | ppb   |
| Calcium    | 43-1  | 25858.36 | 26256.29 | 25778.59 | 25964.41   | 0.99    | ppb   |
| Calcium    | 44-1  | 25719.35 | 25852.83 | 25534.74 | 25702.31   | 0.62    | ppb   |
| Chromium   | 52-2  | 259.63   | 259.22   | 253.69   | 257.51     | 1.29    | ppb   |
| Cobalt     | 59-2  | 260.84   | 260.44   | 258.11   | 259.79     | 0.57    | ppb   |
| Copper     | 63-2  | 491.98   | 487.49   | 481.89   | 487.12     | 1.04    | 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 |          |          |          | 100        |         | %     |
| Holmium    | 165-2 |          |          |          | 95         |         | %     |
| Indium     | 115-1 |          |          |          | 93         |         | %     |
| Indium     | 115-2 |          |          |          | 88         |         | %     |
| Iron       | 56-2  | 14008.29 | 13897.85 | 13732.40 | 13879.51   | 1.00    | ppb   |
| Iron       | 57-2  | 14127.05 | 14038.51 | 13875.53 | 14013.70   | 0.91    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 259.09   | 257.66   | 256.25   | 257.67     | 0.55    | ppb   |
| Lead       | 207-1 | 258.94   | 257.28   | 254.43   | 256.88     | 0.89    | ppb   |
| Lead       | 208-1 | 257.59   | 256.71   | 255.24   | 256.51     | 0.46    | ppb   |
| Lithium    | 6-1   |          |          |          | 92         |         | %     |
| Magnesium  | 24-2  | 27304.45 | 27099.67 | 26709.22 | 27037.78   | 1.12    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB103076            | Operator :        | Jaswal     |
| Lab Sample ID :         | S5                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S5                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2019-05-29 12:46:29 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 520.92   | 515.37   | 507.69   | 514.66     | 1.29    | ppb   |
| Molybdenum | 94-1  | 1293.06  | 1295.93  | 1280.72  | 1289.90    | 0.63    | ppb   |
| Molybdenum | 95-1  | 1295.23  | 1304.36  | 1292.78  | 1297.46    | 0.47    | ppb   |
| Molybdenum | 96-1  | 1300.64  | 1299.15  | 1291.61  | 1297.13    | 0.37    | ppb   |
| Molybdenum | 97-1  | 1300.10  | 1301.00  | 1292.21  | 1297.77    | 0.37    | ppb   |
| Molybdenum | 98-1  | 1292.37  | 1299.53  | 1289.28  | 1293.73    | 0.41    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 264.95   | 264.95   | 261.53   | 263.81     | 0.75    | ppb   |
| Phosphorus | 31-2  | 5157.23  | 5133.33  | 4982.08  | 5090.88    | 1.87    | ppb   |
| Potassium  | 39-2  | 13134.10 | 13036.26 | 12911.41 | 13027.25   | 0.86    | ppb   |
| Rhodium    | 103-1 |          |          |          | 90         |         | %     |
| Rhodium    | 103-2 |          |          |          | 87         |         | %     |
| Scandium   | 45-1  |          |          |          | 89         |         | %     |
| Scandium   | 45-2  |          |          |          | 85         |         | %     |
| Selenium   | 77-2  | 264.49   | 250.19   | 282.60   | 265.76     | 6.11    | ppb   |
| Selenium   | 78-2  | 267.73   | 256.18   | 263.72   | 262.54     | 2.23    | ppb   |
| Selenium   | 82-1  | 268.09   | 267.22   | 262.76   | 266.02     | 1.07    | ppb   |
| Silicon    | 28-1  | 268.67   | 268.66   | 265.75   | 267.69     | 0.63    | ppb   |
| Silver     | 109-1 | 251.24   | 247.47   | 244.91   | 247.87     | 1.29    | ppb   |
| Silver     | 107-1 | 248.64   | 247.40   | 245.26   | 247.10     | 0.69    | ppb   |
| Sodium     | 23-2  | 26763.96 | 26395.70 | 26307.42 | 26489.03   | 0.91    | ppb   |
| Strontium  | 86-1  | 260.63   | 263.64   | 258.98   | 261.08     | 0.91    | ppb   |
| Strontium  | 88-1  | 258.48   | 261.28   | 258.76   | 259.50     | 0.59    | ppb   |
| Sulfur     | 34-1  | 4973.90  | 5075.36  | 4975.44  | 5008.23    | 1.16    | ppb   |
| Terbium    | 159-1 |          |          |          | 100        |         | %     |
| Terbium    | 159-2 |          |          |          | 95         |         | %     |
| Thallium   | 203-1 | 252.66   | 255.33   | 253.67   | 253.89     | 0.53    | ppb   |
| Thallium   | 205-1 | 255.75   | 256.50   | 255.68   | 255.98     | 0.18    | ppb   |
| Thorium    | 232-1 | 249.00   | 247.84   | 246.92   | 247.92     | 0.42    | ppb   |
| Tin        | 118-1 | 267.65   | 265.72   | 262.93   | 265.43     | 0.89    | ppb   |
| Titanium   | 47-1  | 1309.53  | 1316.48  | 1289.39  | 1305.13    | 1.08    | ppb   |
| Uranium    | 238-1 | 249.13   | 247.09   | 244.69   | 246.97     | 0.90    | ppb   |
| Vanadium   | 51-2  | 258.33   | 255.93   | 251.95   | 255.40     | 1.26    | ppb   |
| Yttrium    | 89-1  |          |          |          | 92         |         | %     |
| Yttrium    | 89-2  |          |          |          | 88         |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | S5                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S5                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 12:46:29 | DataFile Name :   | 009CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 529.75  | 526.04  | 522.76  | 526.18     | 0.66    | ppb   |
| Zirconium | 90-1 | 257.62  | 255.70  | 254.94  | 256.09     | 0.54    | ppb   |
| Zirconium | 91-1 | 262.91  | 260.59  | 258.83  | 260.77     | 0.79    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB103076            | Operator :        | Jaswal     |
| Lab Sample ID :         | S6                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S6                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2019-05-29 12:50:19 | DataFile Name :   | 010CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 10763.69 | 10196.47 | 10334.39 | 10431.52   | 2.84    | ppb   |
| Antimony   | 121-1 | 515.27   | 518.06   | 511.59   | 514.97     | 0.63    | ppb   |
| Arsenic    | 75-2  | 523.16   | 508.87   | 517.20   | 516.41     | 1.39    | ppb   |
| Barium     | 135-1 | 2550.71  | 2572.53  | 2556.18  | 2559.81    | 0.44    | ppb   |
| Barium     | 137-1 | 2556.32  | 2578.93  | 2546.70  | 2560.65    | 0.65    | ppb   |
| Beryllium  | 9-1   | 519.30   | 523.43   | 516.02   | 519.58     | 0.71    | ppb   |
| Bismuth    | 209-1 |          |          |          | 99         |         | %     |
| Bismuth    | 209-2 |          |          |          | 92         |         | %     |
| Boron      | 10-1  | 503.85   | 513.44   | 508.57   | 508.62     | 0.94    | ppb   |
| Boron      | 11-1  | 506.62   | 510.98   | 514.77   | 510.79     | 0.80    | ppb   |
| Cadmium    | 111-1 | 513.75   | 520.69   | 506.66   | 513.70     | 1.37    | ppb   |
| Cadmium    | 106-1 | 511.42   | 520.86   | 494.52   | 508.93     | 2.62    | ppb   |
| Cadmium    | 108-1 | 526.49   | 513.40   | 511.03   | 516.98     | 1.61    | ppb   |
| Calcium    | 43-1  | 51619.94 | 51693.76 | 51186.20 | 51499.97   | 0.53    | ppb   |
| Calcium    | 44-1  | 51148.27 | 51193.38 | 51051.62 | 51131.09   | 0.14    | ppb   |
| Chromium   | 52-2  | 532.78   | 511.95   | 509.50   | 518.08     | 2.47    | ppb   |
| Cobalt     | 59-2  | 535.20   | 514.74   | 509.13   | 519.69     | 2.64    | ppb   |
| Copper     | 63-2  | 1070.18  | 1022.19  | 1018.73  | 1037.03    | 2.77    | 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 |          |          |          | 100        |         | %     |
| Holmium    | 165-2 |          |          |          | 94         |         | %     |
| Indium     | 115-1 |          |          |          | 90         |         | %     |
| Indium     | 115-2 |          |          |          | 84         |         | %     |
| Iron       | 56-2  | 28777.74 | 27553.24 | 27442.33 | 27924.44   | 2.65    | ppb   |
| Iron       | 57-2  | 28872.66 | 27773.27 | 27558.07 | 28068.00   | 2.51    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 509.82   | 512.32   | 506.97   | 509.70     | 0.52    | ppb   |
| Lead       | 207-1 | 512.26   | 515.21   | 511.73   | 513.07     | 0.37    | ppb   |
| Lead       | 208-1 | 509.34   | 513.96   | 507.44   | 510.24     | 0.66    | ppb   |
| Lithium    | 6-1   |          |          |          | 88         |         | %     |
| Magnesium  | 24-2  | 56510.36 | 54061.42 | 54074.95 | 54882.25   | 2.57    | ppb   |



|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB103076            | Operator :        | Jaswal     |
| Lab Sample ID :         | S6                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S6                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2019-05-29 12:50:19 | DataFile Name :   | 010CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 1064.19  | 1021.62  | 1021.66  | 1035.83    | 2.37    | ppb   |
| Molybdenum | 94-1  | 2556.83  | 2567.88  | 2565.11  | 2563.27    | 0.22    | ppb   |
| Molybdenum | 95-1  | 2560.44  | 2566.98  | 2558.92  | 2562.11    | 0.17    | ppb   |
| Molybdenum | 96-1  | 2560.53  | 2578.85  | 2553.64  | 2564.34    | 0.51    | ppb   |
| Molybdenum | 97-1  | 2536.51  | 2571.71  | 2532.93  | 2547.05    | 0.84    | ppb   |
| Molybdenum | 98-1  | 2556.74  | 2582.03  | 2552.91  | 2563.89    | 0.62    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 537.66   | 516.42   | 513.62   | 522.57     | 2.52    | ppb   |
| Phosphorus | 31-2  | 10791.02 | 10187.96 | 10172.22 | 10383.73   | 3.40    | ppb   |
| Potassium  | 39-2  | 27235.77 | 26125.47 | 26104.99 | 26488.74   | 2.44    | ppb   |
| Rhodium    | 103-1 |          |          |          | 85         |         | %     |
| Rhodium    | 103-2 |          |          |          | 82         |         | %     |
| Scandium   | 45-1  |          |          |          | 86         |         | %     |
| Scandium   | 45-2  |          |          |          | 81         |         | %     |
| Selenium   | 77-2  | 527.91   | 493.53   | 504.86   | 508.77     | 3.44    | ppb   |
| Selenium   | 78-2  | 528.17   | 509.94   | 519.60   | 519.24     | 1.76    | ppb   |
| Selenium   | 82-1  | 525.33   | 523.64   | 525.23   | 524.73     | 0.18    | ppb   |
| Silicon    | 28-1  | 522.54   | 524.86   | 519.76   | 522.38     | 0.49    | ppb   |
| Silver     | 109-1 | 537.26   | 542.25   | 534.78   | 538.10     | 0.71    | ppb   |
| Silver     | 107-1 | 538.62   | 538.54   | 528.65   | 535.27     | 1.07    | ppb   |
| Sodium     | 23-2  | 55866.65 | 53213.00 | 53454.60 | 54178.08   | 2.71    | ppb   |
| Strontium  | 86-1  | 513.36   | 519.56   | 513.43   | 515.45     | 0.69    | ppb   |
| Strontium  | 88-1  | 512.44   | 515.90   | 512.69   | 513.68     | 0.38    | ppb   |
| Sulfur     | 34-1  | 10165.49 | 10228.27 | 9951.40  | 10115.05   | 1.44    | ppb   |
| Terbium    | 159-1 |          |          |          | 100        |         | %     |
| Terbium    | 159-2 |          |          |          | 93         |         | %     |
| Thallium   | 203-1 | 507.36   | 509.95   | 501.18   | 506.16     | 0.89    | ppb   |
| Thallium   | 205-1 | 513.75   | 516.39   | 506.42   | 512.19     | 1.01    | ppb   |
| Thorium    | 232-1 | 507.37   | 505.65   | 499.98   | 504.33     | 0.77    | ppb   |
| Tin        | 118-1 | 515.34   | 515.47   | 510.87   | 513.89     | 0.51    | ppb   |
| Titanium   | 47-1  | 2560.32  | 2578.33  | 2549.30  | 2562.65    | 0.57    | ppb   |
| Uranium    | 238-1 | 508.76   | 508.98   | 504.35   | 507.36     | 0.51    | ppb   |
| Vanadium   | 51-2  | 528.07   | 508.10   | 507.96   | 514.71     | 2.25    | ppb   |
| Yttrium    | 89-1  |          |          |          | 90         |         | %     |
| Yttrium    | 89-2  |          |          |          | 84         |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | S6                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S6                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 12:50:19 | DataFile Name :   | 010CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 1063.96 | 1021.53 | 1019.55 | 1035.01    | 2.42    | ppb   |
| Zirconium | 90-1 | 513.37  | 510.64  | 509.75  | 511.26     | 0.37    | ppb   |
| Zirconium | 91-1 | 512.02  | 514.55  | 514.44  | 513.67     | 0.28    | ppb   |

LB Number : LB103076 Operator : Jaswal  
 Lab Sample ID : S7 Instrumnet Name : P7  
 Client Sample ID : S7 Dilution Factor : 1  
 Date & Time Acquired :: 2019-05-29 12:54:06 DataFile Name : 011CAL.S.d

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 19921.26  | 19912.64  | 20160.02  | 19997.97   | 0.70    | ppb   |
| Antimony   | 121-1 | 988.17    | 990.20    | 981.73    | 986.70     | 0.45    | ppb   |
| Arsenic    | 75-2  | 994.54    | 986.12    | 985.76    | 988.81     | 0.50    | ppb   |
| Barium     | 135-1 | 4934.75   | 4978.96   | 4920.19   | 4944.63    | 0.62    | ppb   |
| Barium     | 137-1 | 4936.74   | 4967.42   | 4932.76   | 4945.64    | 0.38    | ppb   |
| Beryllium  | 9-1   | 985.05    | 990.92    | 977.70    | 984.56     | 0.67    | ppb   |
| Bismuth    | 209-1 |           |           |           | 100        |         | %     |
| Bismuth    | 209-2 |           |           |           | 91         |         | %     |
| Boron      | 10-1  | 967.88    | 1004.86   | 1007.98   | 993.57     | 2.24    | ppb   |
| Boron      | 11-1  | 989.29    | 992.43    | 995.24    | 992.32     | 0.30    | ppb   |
| Cadmium    | 111-1 | 999.64    | 1000.13   | 986.87    | 995.55     | 0.76    | ppb   |
| Cadmium    | 106-1 | 1002.71   | 1000.92   | 988.49    | 997.37     | 0.78    | ppb   |
| Cadmium    | 108-1 | 991.04    | 998.09    | 988.28    | 992.47     | 0.51    | ppb   |
| Calcium    | 43-1  | 99020.41  | 99148.58  | 98421.27  | 98863.42   | 0.39    | ppb   |
| Calcium    | 44-1  | 98666.31  | 99259.32  | 98394.43  | 98773.35   | 0.45    | ppb   |
| Chromium   | 52-2  | 987.97    | 982.78    | 995.46    | 988.74     | 0.64    | ppb   |
| Cobalt     | 59-2  | 988.44    | 979.17    | 993.83    | 987.15     | 0.75    | ppb   |
| Copper     | 63-2  | 1991.75   | 1966.82   | 1998.99   | 1985.85    | 0.85    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 103        |         | %     |
| Holmium    | 165-2 |           |           |           | 94         |         | %     |
| Indium     | 115-1 |           |           |           | 90         |         | %     |
| Indium     | 115-2 |           |           |           | 84         |         | %     |
| Iron       | 56-2  | 53586.06  | 52901.11  | 53603.56  | 53363.58   | 0.75    | ppb   |
| Iron       | 57-2  | 53529.96  | 53294.99  | 53848.50  | 53557.81   | 0.52    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 995.08    | 997.06    | 986.16    | 992.77     | 0.58    | ppb   |
| Lead       | 207-1 | 994.06    | 999.56    | 980.46    | 991.36     | 0.99    | ppb   |
| Lead       | 208-1 | 994.44    | 999.55    | 984.58    | 992.86     | 0.77    | ppb   |
| Lithium    | 6-1   |           |           |           | 88         |         | %     |
| Magnesium  | 24-2  | 105485.09 | 104307.96 | 105490.00 | 105094.35  | 0.65    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB103076            | Operator :        | Jaswal     |
| Lab Sample ID :         | S7                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S7                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2019-05-29 12:54:06 | DataFile Name :   | 011CAL.S.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 1973.11   | 1960.58   | 2000.58   | 1978.09    | 1.03    | ppb   |
| Molybdenum | 94-1  | 4987.44   | 4979.03   | 4900.20   | 4955.56    | 0.97    | ppb   |
| Molybdenum | 95-1  | 4983.07   | 4979.09   | 4898.69   | 4953.62    | 0.96    | ppb   |
| Molybdenum | 96-1  | 4960.76   | 4994.31   | 4902.81   | 4952.63    | 0.93    | ppb   |
| Molybdenum | 97-1  | 4957.22   | 5001.24   | 4925.42   | 4961.29    | 0.77    | ppb   |
| Molybdenum | 98-1  | 4978.16   | 4991.82   | 4890.51   | 4953.50    | 1.11    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 992.49    | 975.13    | 985.48    | 984.37     | 0.89    | ppb   |
| Phosphorus | 31-2  | 19324.60  | 19875.39  | 20095.99  | 19765.33   | 2.01    | ppb   |
| Potassium  | 39-2  | 50997.87  | 50344.07  | 50958.30  | 50766.75   | 0.72    | ppb   |
| Rhodium    | 103-1 |           |           |           | 85         |         | %     |
| Rhodium    | 103-2 |           |           |           | 82         |         | %     |
| Scandium   | 45-1  |           |           |           | 87         |         | %     |
| Scandium   | 45-2  |           |           |           | 82         |         | %     |
| Selenium   | 77-2  | 973.02    | 1004.28   | 994.57    | 990.62     | 1.61    | ppb   |
| Selenium   | 78-2  | 980.76    | 989.86    | 988.21    | 986.27     | 0.49    | ppb   |
| Selenium   | 82-1  | 983.52    | 987.96    | 974.73    | 982.07     | 0.69    | ppb   |
| Silicon    | 28-1  | 995.39    | 996.15    | 957.47    | 983.00     | 2.25    | ppb   |
| Silver     | 109-1 | 975.64    | 987.24    | 979.04    | 980.64     | 0.61    | ppb   |
| Silver     | 107-1 | 978.61    | 986.24    | 982.31    | 982.39     | 0.39    | ppb   |
| Sodium     | 23-2  | 104753.59 | 103310.26 | 104816.17 | 104293.34  | 0.82    | ppb   |
| Strontium  | 86-1  | 995.19    | 987.85    | 983.26    | 988.77     | 0.61    | ppb   |
| Strontium  | 88-1  | 997.46    | 989.76    | 983.19    | 990.14     | 0.72    | ppb   |
| Sulfur     | 34-1  | 20126.25  | 19970.68  | 19768.80  | 19955.24   | 0.90    | ppb   |
| Terbium    | 159-1 |           |           |           | 102        |         | %     |
| Terbium    | 159-2 |           |           |           | 94         |         | %     |
| Thallium   | 203-1 | 995.90    | 1001.87   | 989.58    | 995.78     | 0.62    | ppb   |
| Thallium   | 205-1 | 995.33    | 993.69    | 987.35    | 992.12     | 0.42    | ppb   |
| Thorium    | 232-1 | 1003.51   | 1004.34   | 988.90    | 998.91     | 0.87    | ppb   |
| Tin        | 118-1 | 985.87    | 994.21    | 982.17    | 987.41     | 0.62    | ppb   |
| Titanium   | 47-1  | 4981.28   | 4964.47   | 4908.58   | 4951.44    | 0.77    | ppb   |
| Uranium    | 238-1 | 1003.49   | 1002.76   | 986.48    | 997.57     | 0.96    | ppb   |
| Vanadium   | 51-2  | 993.50    | 978.61    | 1001.57   | 991.23     | 1.17    | ppb   |
| Yttrium    | 89-1  |           |           |           | 91         |         | %     |
| Yttrium    | 89-2  |           |           |           | 85         |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | S7                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S7                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 12:54:06 | DataFile Name :   | 011CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 1976.12 | 1965.30 | 1985.16 | 1975.53    | 0.50    | ppb   |
| Zirconium | 90-1 | 997.74  | 1001.10 | 978.48  | 992.44     | 1.23    | ppb   |
| Zirconium | 91-1 | 998.71  | 996.10  | 974.18  | 989.66     | 1.36    | ppb   |

LB Number : LB103076 Operator : Jaswal  
 Lab Sample ID : S8 Instrumnet Name : P7  
 Client Sample ID : S8 Dilution Factor : 1  
 Date & Time Acquired :: 2019-05-29 12:57:52 DataFile Name : 012CALS.d

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 100827.23 | 99043.26  | 99974.49  | 99948.33   | 0.89    | ppb   |
| Antimony   | 121-1 | 1.48      | 1.49      | 1.61      | 1.53       | 4.62    | ppb   |
| Arsenic    | 75-2  | 1.39      | 1.39      | 1.35      | 1.38       | 1.71    | ppb   |
| Barium     | 135-1 | 0.76      | 0.68      | 0.76      | 0.74       | 6.39    | ppb   |
| Barium     | 137-1 | 0.82      | 0.76      | 0.80      | 0.79       | 3.43    | ppb   |
| Beryllium  | 9-1   | 0.18      | 0.21      | 0.17      | 0.19       | 12.82   | ppb   |
| Bismuth    | 209-1 |           |           |           | 87         |         | %     |
| Bismuth    | 209-2 |           |           |           | 82         |         | %     |
| Boron      | 10-1  | 44.48     | 39.56     | 35.91     | 39.98      | 10.75   | ppb   |
| Boron      | 11-1  | 43.20     | 39.58     | 35.81     | 39.53      | 9.35    | ppb   |
| Cadmium    | 111-1 | 0.02      | 0.15      | 0.00      | 0.06       | 136.76  | ppb   |
| Cadmium    | 106-1 | -1.70     | 0.07      | -1.64     | -1.09      |         | ppb   |
| Cadmium    | 108-1 | 0.24      | 0.21      | 0.38      | 0.28       | 33.81   | ppb   |
| Calcium    | 43-1  | 496324.82 | 500315.16 | 503412.48 | 500017.49  | 0.71    | ppb   |
| Calcium    | 44-1  | 496172.18 | 498988.97 | 505099.53 | 500086.89  | 0.91    | ppb   |
| Chromium   | 52-2  | 7.07      | 6.94      | 6.93      | 6.98       | 1.15    | ppb   |
| Cobalt     | 59-2  | 11.31     | 11.23     | 11.15     | 11.23      | 0.72    | ppb   |
| Copper     | 63-2  | 2.12      | 1.97      | 2.10      | 2.06       | 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 |           |           |           | 98         |         | %     |
| Holmium    | 165-2 |           |           |           | 94         |         | %     |
| Indium     | 115-1 |           |           |           | 87         |         | %     |
| Indium     | 115-2 |           |           |           | 87         |         | %     |
| Iron       | 56-2  | 252090.23 | 245820.86 | 248938.10 | 248949.73  | 1.26    | ppb   |
| Iron       | 57-2  | 251084.82 | 247273.81 | 248307.28 | 248888.64  | 0.79    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 1.20      | 1.09      | 1.13      | 1.14       | 4.66    | ppb   |
| Lead       | 207-1 | 1.11      | 1.05      | 1.14      | 1.10       | 3.89    | ppb   |
| Lead       | 208-1 | 1.16      | 1.10      | 1.13      | 1.13       | 2.60    | ppb   |
| Lithium    | 6-1   |           |           |           | 88         |         | %     |
| Magnesium  | 24-2  | 503162.98 | 492250.32 | 499692.99 | 498368.76  | 1.12    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | S8                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S8                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 12:57:52 | DataFile Name :   | 012CALS.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 7.59      | 7.45      | 7.56      | 7.53       | 1.00    | ppb   |
| Molybdenum | 94-1  | 2.55      | 2.42      | 2.17      | 2.38       | 8.19    | ppb   |
| Molybdenum | 95-1  | 3.17      | 2.85      | 3.02      | 3.01       | 5.36    | ppb   |
| Molybdenum | 96-1  | 3.64      | 3.43      | 3.42      | 3.50       | 3.57    | ppb   |
| Molybdenum | 97-1  | 2.94      | 2.98      | 2.95      | 2.96       | 0.75    | ppb   |
| Molybdenum | 98-1  | 2.98      | 2.75      | 2.70      | 2.81       | 5.29    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 11.81     | 11.80     | 12.12     | 11.91      | 1.55    | ppb   |
| Phosphorus | 31-2  | -20.95    | -23.89    | -17.71    | -20.85     |         | ppb   |
| Potassium  | 39-2  | 251301.30 | 246839.68 | 250855.44 | 249665.47  | 0.98    | ppb   |
| Rhodium    | 103-1 |           |           |           | 80         |         | %     |
| Rhodium    | 103-2 |           |           |           | 81         |         | %     |
| Scandium   | 45-1  |           |           |           | 89         |         | %     |
| Scandium   | 45-2  |           |           |           | 92         |         | %     |
| Selenium   | 77-2  | 0.49      | 0.00      | 0.48      | 0.32       | 86.61   | ppb   |
| Selenium   | 78-2  | 0.04      | -0.07     | -0.15     | -0.06      |         | ppb   |
| Selenium   | 82-1  | 0.57      | 1.09      | 0.44      | 0.70       | 48.90   | ppb   |
| Silicon    | 28-1  | 54.06     | 55.37     | 57.31     | 55.58      | 2.94    | ppb   |
| Silver     | 109-1 | 0.08      | 0.07      | 0.07      | 0.07       | 6.01    | ppb   |
| Silver     | 107-1 | 0.08      | 0.09      | 0.07      | 0.08       | 10.75   | ppb   |
| Sodium     | 23-2  | 501470.21 | 493980.54 | 500453.35 | 498634.70  | 0.81    | ppb   |
| Strontium  | 86-1  | 4.09      | 4.35      | 4.51      | 4.32       | 4.89    | ppb   |
| Strontium  | 88-1  | 4.26      | 4.10      | 4.19      | 4.18       | 1.87    | ppb   |
| Sulfur     | 34-1  | -336.35   | -222.73   | -0.85     | -186.64    |         | ppb   |
| Terbium    | 159-1 |           |           |           | 97         |         | %     |
| Terbium    | 159-2 |           |           |           | 94         |         | %     |
| Thallium   | 203-1 | 0.31      | 0.30      | 0.30      | 0.31       | 2.88    | ppb   |
| Thallium   | 205-1 | 0.29      | 0.30      | 0.27      | 0.29       | 4.73    | ppb   |
| Thorium    | 232-1 | 0.26      | 0.21      | 0.22      | 0.23       | 10.77   | ppb   |
| Tin        | 118-1 | 0.77      | 0.68      | 0.70      | 0.72       | 6.31    | ppb   |
| Titanium   | 47-1  | 2.21      | 2.00      | 1.84      | 2.02       | 9.16    | ppb   |
| Uranium    | 238-1 | 0.09      | 0.07      | 0.07      | 0.08       | 15.29   | ppb   |
| Vanadium   | 51-2  | 0.12      | 0.14      | 0.15      | 0.14       | 9.51    | ppb   |
| Yttrium    | 89-1  |           |           |           | 90         |         | %     |
| Yttrium    | 89-2  |           |           |           | 91         |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | S8                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S8                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 12:57:52 | DataFile Name :   | 012CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 13.33   | 12.44   | 12.75   | 12.84      | 3.54    | ppb   |
| Zirconium | 90-1 | 0.27    | 0.25    | 0.24    | 0.25       | 6.00    | ppb   |
| Zirconium | 91-1 | 0.27    | 0.26    | 0.30    | 0.28       | 8.76    | ppb   |



|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB103076            | Operator :        | Jaswal     |
| Lab Sample ID :         | ICV01               | Instrumnet Name : | P7         |
| Client Sample ID :      | ICV01               | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2019-05-29 13:13:38 | DataFile Name :   | 014ICV01.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 466.04  | 462.15  | 466.34  | 464.85     | 0.50    | ppb   |
| Antimony   | 121-1 | 204.41  | 204.45  | 204.60  | 204.49     | 0.05    | ppb   |
| Arsenic    | 75-2  | 197.49  | 199.49  | 200.50  | 199.16     | 0.77    | ppb   |
| Barium     | 135-1 | 102.75  | 101.60  | 102.23  | 102.19     | 0.56    | ppb   |
| Barium     | 137-1 | 101.68  | 101.87  | 104.00  | 102.52     | 1.25    | ppb   |
| Beryllium  | 9-1   | 99.87   | 99.63   | 100.41  | 99.97      | 0.40    | ppb   |
| Bismuth    | 209-1 |         |         |         | 108        |         | %     |
| Bismuth    | 209-2 |         |         |         | 105        |         | %     |
| Boron      | 10-1  | 7.97    | 9.24    | 8.45    | 8.55       | 7.50    | ppb   |
| Boron      | 11-1  | 9.15    | 8.91    | 8.34    | 8.80       | 4.73    | ppb   |
| Cadmium    | 111-1 | 93.49   | 94.94   | 94.78   | 94.41      | 0.84    | ppb   |
| Cadmium    | 106-1 | 72.31   | 76.38   | 73.74   | 74.14      | 2.79    | ppb   |
| Cadmium    | 108-1 | 82.05   | 77.14   | 76.22   | 78.47      | 3.99    | ppb   |
| Calcium    | 43-1  | 1993.48 | 1968.26 | 1942.75 | 1968.16    | 1.29    | ppb   |
| Calcium    | 44-1  | 1975.44 | 1948.31 | 1959.22 | 1960.99    | 0.70    | ppb   |
| Chromium   | 52-2  | 94.59   | 95.88   | 96.35   | 95.60      | 0.95    | ppb   |
| Cobalt     | 59-2  | 98.44   | 98.45   | 98.56   | 98.48      | 0.07    | ppb   |
| Copper     | 63-2  | 93.00   | 92.94   | 93.70   | 93.21      | 0.46    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 108        |         | %     |
| Holmium    | 165-2 |         |         |         | 105        |         | %     |
| Indium     | 115-1 |         |         |         | 107        |         | %     |
| Indium     | 115-2 |         |         |         | 105        |         | %     |
| Iron       | 56-2  | 1042.04 | 1039.01 | 1057.44 | 1046.16    | 0.94    | ppb   |
| Iron       | 57-2  | 1054.54 | 1051.14 | 1051.86 | 1052.52    | 0.17    | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 194.71  | 195.45  | 194.68  | 194.95     | 0.22    | ppb   |
| Lead       | 207-1 | 188.96  | 188.09  | 187.93  | 188.33     | 0.29    | ppb   |
| Lead       | 208-1 | 191.74  | 191.64  | 191.34  | 191.57     | 0.11    | ppb   |
| Lithium    | 6-1   |         |         |         | 107        |         | %     |
| Magnesium  | 24-2  | 1216.96 | 1225.94 | 1225.39 | 1222.76    | 0.41    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB103076            | Operator :        | Jaswal     |
| Lab Sample ID :         | ICV01               | Instrumnet Name : | P7         |
| Client Sample ID :      | ICV01               | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2019-05-29 13:13:38 | DataFile Name :   | 014ICV01.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 92.29   | 92.60   | 93.44   | 92.78      | 0.64    | ppb   |
| Molybdenum | 94-1  | 0.07    | 0.09    | 0.07    | 0.08       | 15.53   | ppb   |
| Molybdenum | 95-1  | 0.07    | 0.09    | 0.08    | 0.08       | 8.97    | ppb   |
| Molybdenum | 96-1  | 0.11    | 0.12    | 0.07    | 0.10       | 26.10   | ppb   |
| Molybdenum | 97-1  | 0.08    | 0.07    | 0.04    | 0.06       | 25.72   | ppb   |
| Molybdenum | 98-1  | 0.07    | 0.08    | 0.07    | 0.07       | 8.72    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 100.41  | 99.54   | 102.00  | 100.65     | 1.24    | ppb   |
| Phosphorus | 31-2  | -31.16  | -18.56  | -30.76  | -26.83     |         | ppb   |
| Potassium  | 39-2  | 1922.80 | 1950.96 | 1946.40 | 1940.05    | 0.78    | ppb   |
| Rhodium    | 103-1 |         |         |         | 106        |         | %     |
| Rhodium    | 103-2 |         |         |         | 105        |         | %     |
| Scandium   | 45-1  |         |         |         | 108        |         | %     |
| Scandium   | 45-2  |         |         |         | 106        |         | %     |
| Selenium   | 77-2  | 199.70  | 198.44  | 214.23  | 204.12     | 4.30    | ppb   |
| Selenium   | 78-2  | 203.93  | 200.69  | 199.59  | 201.40     | 1.12    | ppb   |
| Selenium   | 82-1  | 202.51  | 208.45  | 207.08  | 206.01     | 1.51    | ppb   |
| Silicon    | 28-1  | 0.07    | 0.43    | 0.32    | 0.28       | 67.21   | ppb   |
| Silver     | 109-1 | 100.66  | 99.83   | 100.73  | 100.41     | 0.50    | ppb   |
| Silver     | 107-1 | 100.93  | 99.95   | 99.32   | 100.07     | 0.81    | ppb   |
| Sodium     | 23-2  | 1967.61 | 1964.75 | 1987.68 | 1973.35    | 0.63    | ppb   |
| Strontium  | 86-1  | 2.41    | 2.27    | 2.07    | 2.25       | 7.73    | ppb   |
| Strontium  | 88-1  | 2.27    | 2.24    | 2.32    | 2.27       | 1.95    | ppb   |
| Sulfur     | 34-1  | -434.31 | -490.15 | -500.28 | -474.91    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 108        |         | %     |
| Terbium    | 159-2 |         |         |         | 105        |         | %     |
| Thallium   | 203-1 | 193.40  | 192.77  | 193.83  | 193.33     | 0.28    | ppb   |
| Thallium   | 205-1 | 193.60  | 191.98  | 192.56  | 192.71     | 0.43    | ppb   |
| Thorium    | 232-1 | 0.03    | 0.03    | 0.03    | 0.03       | 4.08    | ppb   |
| Tin        | 118-1 | 0.03    | 0.05    | 0.04    | 0.04       | 29.58   | ppb   |
| Titanium   | 47-1  | 0.08    | 0.12    | 0.08    | 0.09       | 25.82   | ppb   |
| Uranium    | 238-1 | 0.01    | 0.00    | 0.00    | 0.00       | 31.44   | ppb   |
| Vanadium   | 51-2  | 93.46   | 95.16   | 95.03   | 94.55      | 1.00    | ppb   |
| Yttrium    | 89-1  |         |         |         | 107        |         | %     |
| Yttrium    | 89-2  |         |         |         | 105        |         | %     |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB103076            | Operator :        | Jaswal     |
| Lab Sample ID :         | ICV01               | Instrumnet Name : | P7         |
| Client Sample ID :      | ICV01               | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2019-05-29 13:13:38 | DataFile Name :   | 014ICV01.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 180.25  | 178.94  | 183.53  | 180.91     | 1.31    | ppb   |
| Zirconium | 90-1 | 0.01    | 0.02    | 0.01    | 0.01       | 34.63   | ppb   |
| Zirconium | 91-1 | 0.10    | 0.11    | 0.06    | 0.09       | 31.45   | ppb   |

LB Number : LB103076 Operator : Jaswal  
 Lab Sample ID : ICB01 Instrumnet Name : P7  
 Client Sample ID : ICB01 Dilution Factor : 1  
 Date & Time Acquired :: 2019-05-29 13:17:20 DataFile Name : 015CCBE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.11   | 0.17    | 0.17    | 0.08       | 211.73  | ppb   |
| Antimony   | 121-1 | 0.15    | 0.16    | 0.19    | 0.17       | 10.15   | ppb   |
| Arsenic    | 75-2  | 0.02    | 0.05    | 0.04    | 0.04       | 42.98   | ppb   |
| Barium     | 135-1 | 0.03    | 0.03    | 0.03    | 0.03       | 14.87   | ppb   |
| Barium     | 137-1 | 0.01    | 0.01    | 0.02    | 0.01       | 41.55   | ppb   |
| Beryllium  | 9-1   | 0.05    | 0.06    | 0.03    | 0.05       | 27.76   | ppb   |
| Bismuth    | 209-1 |         |         |         | 108        |         | %     |
| Bismuth    | 209-2 |         |         |         | 105        |         | %     |
| Boron      | 10-1  | 6.84    | 6.29    | 6.34    | 6.49       | 4.68    | ppb   |
| Boron      | 11-1  | 6.35    | 6.72    | 6.07    | 6.38       | 5.09    | ppb   |
| Cadmium    | 111-1 | 0.00    | -0.10   | -0.03   | -0.04      |         | ppb   |
| Cadmium    | 106-1 | -0.19   | -1.42   | -0.79   | -0.80      |         | ppb   |
| Cadmium    | 108-1 | -0.02   | 0.01    | -0.02   | -0.01      |         | ppb   |
| Calcium    | 43-1  | 1.77    | 0.85    | -1.08   | 0.51       | 283.09  | ppb   |
| Calcium    | 44-1  | 0.70    | -0.53   | -0.52   | -0.12      |         | ppb   |
| Chromium   | 52-2  | 0.03    | 0.05    | 0.01    | 0.03       | 86.23   | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.00    | 0.01       | 49.57   | ppb   |
| Copper     | 63-2  | 0.01    | 0.05    | 0.04    | 0.03       | 54.12   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 108        |         | %     |
| Holmium    | 165-2 |         |         |         | 105        |         | %     |
| Indium     | 115-1 |         |         |         | 108        |         | %     |
| Indium     | 115-2 |         |         |         | 106        |         | %     |
| Iron       | 56-2  | 0.43    | 0.36    | 0.33    | 0.37       | 13.00   | ppb   |
| Iron       | 57-2  | 0.21    | 0.37    | 0.36    | 0.31       | 27.78   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.04    | 0.04    | 0.04    | 0.04       | 4.08    | ppb   |
| Lead       | 207-1 | 0.03    | 0.04    | 0.04    | 0.04       | 21.44   | ppb   |
| Lead       | 208-1 | 0.04    | 0.04    | 0.03    | 0.04       | 7.27    | ppb   |
| Lithium    | 6-1   |         |         |         | 107        |         | %     |
| Magnesium  | 24-2  | 1.05    | 1.47    | 1.12    | 1.22       | 18.49   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB01               | Instrumnet Name : | P7        |
| Client Sample ID :      | ICB01               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 13:17:20 | DataFile Name :   | 015CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 0.01    | 0.02    | 0.01    | 0.01       | 35.32   | ppb   |
| Molybdenum | 94-1  | 0.05    | 0.02    | 0.03    | 0.03       | 41.15   | ppb   |
| Molybdenum | 95-1  | 0.05    | 0.04    | 0.05    | 0.05       | 9.84    | ppb   |
| Molybdenum | 96-1  | 0.04    | 0.05    | 0.04    | 0.04       | 11.44   | ppb   |
| Molybdenum | 97-1  | 0.03    | 0.07    | 0.03    | 0.04       | 52.84   | ppb   |
| Molybdenum | 98-1  | 0.04    | 0.03    | 0.04    | 0.04       | 19.22   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.02    | 0.02    | -0.01   | 0.01       | 188.06  | ppb   |
| Phosphorus | 31-2  | -31.57  | -36.47  | -33.06  | -33.70     |         | ppb   |
| Potassium  | 39-2  | -0.05   | 1.72    | 3.01    | 1.56       | 98.49   | ppb   |
| Rhodium    | 103-1 |         |         |         | 107        |         | %     |
| Rhodium    | 103-2 |         |         |         | 106        |         | %     |
| Scandium   | 45-1  |         |         |         | 108        |         | %     |
| Scandium   | 45-2  |         |         |         | 107        |         | %     |
| Selenium   | 77-2  | 0.00    | 0.42    | 0.00    | 0.14       | 173.21  | ppb   |
| Selenium   | 78-2  | 0.15    | -0.30   | 0.03    | -0.04      |         | ppb   |
| Selenium   | 82-1  | 0.13    | 0.11    | 0.03    | 0.09       | 56.27   | ppb   |
| Silicon    | 28-1  | -0.96   | -0.72   | -0.60   | -0.76      |         | ppb   |
| Silver     | 109-1 | 0.02    | 0.02    | 0.02    | 0.02       | 17.67   | ppb   |
| Silver     | 107-1 | 0.02    | 0.00    | 0.02    | 0.01       | 60.27   | ppb   |
| Sodium     | 23-2  | 12.67   | 12.38   | 10.85   | 11.97      | 8.16    | ppb   |
| Strontium  | 86-1  | -0.05   | 0.02    | 0.02    | -0.01      |         | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       | 43.75   | ppb   |
| Sulfur     | 34-1  | -533.75 | -494.62 | -413.29 | -480.55    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 108        |         | %     |
| Terbium    | 159-2 |         |         |         | 106        |         | %     |
| Thallium   | 203-1 | 0.07    | 0.06    | 0.06    | 0.06       | 2.67    | ppb   |
| Thallium   | 205-1 | 0.06    | 0.05    | 0.05    | 0.06       | 4.92    | ppb   |
| Thorium    | 232-1 | 0.01    | 0.01    | 0.02    | 0.02       | 26.34   | ppb   |
| Tin        | 118-1 | 0.02    | 0.04    | 0.03    | 0.03       | 24.35   | ppb   |
| Titanium   | 47-1  | 0.07    | 0.04    | 0.05    | 0.06       | 32.77   | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       | 27.45   | ppb   |
| Vanadium   | 51-2  | 0.01    | 0.00    | 0.00    | 0.01       | 31.32   | ppb   |
| Yttrium    | 89-1  |         |         |         | 108        |         | %     |
| Yttrium    | 89-2  |         |         |         | 106        |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB01               | Instrumnet Name : | P7        |
| Client Sample ID :      | ICB01               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 13:17:20 | DataFile Name :   | 015CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | -0.03   | 0.10    | 0.17    | 0.08       | 120.98  | ppb   |
| Zirconium | 90-1 | 0.00    | 0.00    | 0.01    | 0.00       | 136.93  | ppb   |
| Zirconium | 91-1 | 0.00    | 0.01    | -0.03   | 0.00       |         | ppb   |

|                         |                     |                   |             |
|-------------------------|---------------------|-------------------|-------------|
| LB Number :             | LB103076            | Operator :        | Jaswal      |
| Lab Sample ID :         | ICSA01              | Instrumnet Name : | P7          |
| Client Sample ID :      | ICSA01              | Dilution Factor : | 1           |
| Date & Time Acquired :: | 2019-05-29 13:20:57 | DataFile Name :   | 016ICSA01.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 93892.47  | 92297.25  | 91448.37  | 92546.03   | 1.34    | ppb   |
| Antimony   | 121-1 | 1.27      | 1.19      | 1.21      | 1.22       | 3.19    | ppb   |
| Arsenic    | 75-2  | 0.27      | 0.42      | 0.33      | 0.34       | 21.89   | ppb   |
| Barium     | 135-1 | 1.53      | 1.82      | 1.52      | 1.62       | 10.50   | ppb   |
| Barium     | 137-1 | 1.53      | 1.55      | 1.52      | 1.53       | 0.84    | ppb   |
| Beryllium  | 9-1   | 0.32      | 0.35      | 0.30      | 0.32       | 7.71    | ppb   |
| Bismuth    | 209-1 |           |           |           | 98         |         | %     |
| Bismuth    | 209-2 |           |           |           | 94         |         | %     |
| Boron      | 10-1  | 6.33      | 5.89      | 5.92      | 6.05       | 4.07    | ppb   |
| Boron      | 11-1  | 6.10      | 5.75      | 5.65      | 5.83       | 4.09    | ppb   |
| Cadmium    | 111-1 | 0.31      | 0.30      | 0.38      | 0.33       | 13.33   | ppb   |
| Cadmium    | 106-1 | -2.17     | -2.62     | -2.35     | -2.38      |         | ppb   |
| Cadmium    | 108-1 | 16.92     | 16.17     | 15.97     | 16.35      | 3.08    | ppb   |
| Calcium    | 43-1  | 101978.92 | 101665.15 | 102199.21 | 101947.76  | 0.26    | ppb   |
| Calcium    | 44-1  | 101949.94 | 101789.63 | 102166.88 | 101968.82  | 0.19    | ppb   |
| Chromium   | 52-2  | 20.69     | 19.75     | 19.65     | 20.03      | 2.87    | ppb   |
| Cobalt     | 59-2  | 1.24      | 1.25      | 1.20      | 1.23       | 2.12    | ppb   |
| Copper     | 63-2  | 7.31      | 7.21      | 7.30      | 7.28       | 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 |           |           |           | 105        |         | %     |
| Holmium    | 165-2 |           |           |           | 100        |         | %     |
| Indium     | 115-1 |           |           |           | 96         |         | %     |
| Indium     | 115-2 |           |           |           | 94         |         | %     |
| Iron       | 56-2  | 109024.43 | 106267.14 | 105703.10 | 106998.22  | 1.66    | ppb   |
| Iron       | 57-2  | 108049.76 | 106423.32 | 106328.24 | 106933.77  | 0.90    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 4.98      | 4.75      | 4.76      | 4.83       | 2.71    | ppb   |
| Lead       | 207-1 | 4.18      | 4.18      | 4.32      | 4.23       | 1.98    | ppb   |
| Lead       | 208-1 | 4.49      | 4.46      | 4.47      | 4.47       | 0.37    | ppb   |
| Lithium    | 6-1   |           |           |           | 95         |         | %     |
| Magnesium  | 24-2  | 106424.71 | 104555.49 | 103810.22 | 104930.14  | 1.28    | ppb   |

|                         |                     |                   |             |
|-------------------------|---------------------|-------------------|-------------|
| LB Number :             | LB103076            | Operator :        | Jaswal      |
| Lab Sample ID :         | ICSA01              | Instrumnet Name : | P7          |
| Client Sample ID :      | ICSA01              | Dilution Factor : | 1           |
| Date & Time Acquired :: | 2019-05-29 13:20:57 | DataFile Name :   | 016ICSA01.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 7.89      | 7.83      | 7.55      | 7.76       | 2.29    | ppb   |
| Molybdenum | 94-1  | 1375.40   | 1355.22   | 1365.19   | 1365.27    | 0.74    | ppb   |
| Molybdenum | 95-1  | 2009.66   | 1993.40   | 1989.93   | 1997.66    | 0.53    | ppb   |
| Molybdenum | 96-1  | 1936.63   | 1914.93   | 1925.38   | 1925.65    | 0.56    | ppb   |
| Molybdenum | 97-1  | 1986.88   | 1964.69   | 1966.25   | 1972.61    | 0.63    | ppb   |
| Molybdenum | 98-1  | 1995.15   | 1990.59   | 1994.44   | 1993.40    | 0.12    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 5.56      | 5.50      | 5.27      | 5.44       | 2.84    | ppb   |
| Phosphorus | 31-2  | 98296.33  | 96927.25  | 96699.22  | 97307.60   | 0.89    | ppb   |
| Potassium  | 39-2  | 103622.89 | 101478.86 | 101394.38 | 102165.38  | 1.24    | ppb   |
| Rhodium    | 103-1 |           |           |           | 91         |         | %     |
| Rhodium    | 103-2 |           |           |           | 90         |         | %     |
| Scandium   | 45-1  |           |           |           | 95         |         | %     |
| Scandium   | 45-2  |           |           |           | 94         |         | %     |
| Selenium   | 77-2  | 0.00      | 0.00      | 0.92      | 0.31       | 173.21  | ppb   |
| Selenium   | 78-2  | 0.48      | -0.15     | 0.07      | 0.13       | 241.28  | ppb   |
| Selenium   | 82-1  | 0.12      | 0.26      | 0.19      | 0.19       | 35.30   | ppb   |
| Silicon    | 28-1  | 21.34     | 21.65     | 21.79     | 21.59      | 1.07    | ppb   |
| Silver     | 109-1 | 0.04      | 0.06      | 0.06      | 0.05       | 15.70   | ppb   |
| Silver     | 107-1 | 0.06      | 0.05      | 0.07      | 0.06       | 21.39   | ppb   |
| Sodium     | 23-2  | 105092.44 | 103025.89 | 102684.67 | 103601.00  | 1.26    | ppb   |
| Strontium  | 86-1  | 35.05     | 34.64     | 34.14     | 34.61      | 1.31    | ppb   |
| Strontium  | 88-1  | 34.89     | 34.50     | 34.64     | 34.68      | 0.58    | ppb   |
| Sulfur     | 34-1  | 102941.93 | 92261.37  | 92972.13  | 96058.48   | 6.22    | ppb   |
| Terbium    | 159-1 |           |           |           | 104        |         | %     |
| Terbium    | 159-2 |           |           |           | 100        |         | %     |
| Thallium   | 203-1 | 0.18      | 0.17      | 0.20      | 0.18       | 9.71    | ppb   |
| Thallium   | 205-1 | 0.16      | 0.19      | 0.20      | 0.18       | 12.93   | ppb   |
| Thorium    | 232-1 | 0.04      | 0.04      | 0.03      | 0.04       | 7.78    | ppb   |
| Tin        | 118-1 | 0.20      | 0.19      | 0.22      | 0.20       | 8.42    | ppb   |
| Titanium   | 47-1  | 2098.69   | 2087.70   | 2094.99   | 2093.79    | 0.27    | ppb   |
| Uranium    | 238-1 | 0.02      | 0.02      | 0.02      | 0.02       | 12.47   | ppb   |
| Vanadium   | 51-2  | 0.20      | 0.21      | 0.17      | 0.19       | 11.99   | ppb   |
| Yttrium    | 89-1  |           |           |           | 98         |         | %     |
| Yttrium    | 89-2  |           |           |           | 96         |         | %     |



|                         |                     |                   |             |
|-------------------------|---------------------|-------------------|-------------|
| LB Number :             | LB103076            | Operator :        | Jaswal      |
| Lab Sample ID :         | ICSA01              | Instrumnet Name : | P7          |
| Client Sample ID :      | ICSA01              | Dilution Factor : | 1           |
| Date & Time Acquired :: | 2019-05-29 13:20:57 | DataFile Name :   | 016ICSA01.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 10.48   | 10.03   | 10.33   | 10.28      | 2.19    | ppb   |
| Zirconium | 90-1 | 0.03    | 0.03    | 0.03    | 0.03       | 5.65    | ppb   |
| Zirconium | 91-1 | 0.02    | 0.04    | 0.09    | 0.05       | 79.35   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB01             | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSAB01             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 13:24:34 | DataFile Name :   | 017ICSB.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 90863.55  | 90008.63  | 90929.44  | 90600.54   | 0.57    | ppb   |
| Antimony   | 121-1 | 21.81     | 22.04     | 21.67     | 21.84      | 0.87    | ppb   |
| Arsenic    | 75-2  | 20.29     | 20.00     | 20.57     | 20.29      | 1.41    | ppb   |
| Barium     | 135-1 | 22.33     | 23.18     | 22.73     | 22.75      | 1.86    | ppb   |
| Barium     | 137-1 | 22.61     | 22.35     | 22.21     | 22.39      | 0.91    | ppb   |
| Beryllium  | 9-1   | 20.46     | 20.78     | 20.62     | 20.62      | 0.76    | ppb   |
| Bismuth    | 209-1 |           |           |           | 101        |         | %     |
| Bismuth    | 209-2 |           |           |           | 95         |         | %     |
| Boron      | 10-1  | 57.72     | 59.42     | 61.60     | 59.58      | 3.26    | ppb   |
| Boron      | 11-1  | 60.59     | 60.31     | 62.47     | 61.12      | 1.92    | ppb   |
| Cadmium    | 111-1 | 18.71     | 18.97     | 18.61     | 18.76      | 1.00    | ppb   |
| Cadmium    | 106-1 | 23.51     | 26.00     | 21.91     | 23.81      | 8.65    | ppb   |
| Cadmium    | 108-1 | 36.95     | 36.84     | 36.87     | 36.89      | 0.16    | ppb   |
| Calcium    | 43-1  | 101541.42 | 100382.56 | 99930.75  | 100618.24  | 0.83    | ppb   |
| Calcium    | 44-1  | 101537.16 | 100436.10 | 100457.89 | 100810.38  | 0.62    | ppb   |
| Chromium   | 52-2  | 39.52     | 38.70     | 38.96     | 39.06      | 1.07    | ppb   |
| Cobalt     | 59-2  | 21.02     | 20.75     | 21.07     | 20.95      | 0.83    | ppb   |
| Copper     | 63-2  | 25.85     | 25.00     | 25.67     | 25.51      | 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 |           |           |           | 108        |         | %     |
| Holmium    | 165-2 |           |           |           | 101        |         | %     |
| Indium     | 115-1 |           |           |           | 99         |         | %     |
| Indium     | 115-2 |           |           |           | 94         |         | %     |
| Iron       | 56-2  | 105973.86 | 104084.40 | 104442.77 | 104833.68  | 0.96    | ppb   |
| Iron       | 57-2  | 105111.09 | 103875.42 | 104882.51 | 104623.01  | 0.63    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 26.18     | 26.24     | 26.26     | 26.22      | 0.16    | ppb   |
| Lead       | 207-1 | 24.23     | 23.93     | 24.52     | 24.22      | 1.22    | ppb   |
| Lead       | 208-1 | 24.84     | 24.77     | 24.87     | 24.83      | 0.22    | ppb   |
| Lithium    | 6-1   |           |           |           | 96         |         | %     |
| Magnesium  | 24-2  | 103062.93 | 101995.62 | 102804.85 | 102621.13  | 0.54    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB01             | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSAB01             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 13:24:34 | DataFile Name :   | 017ICSB.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 27.43     | 27.00     | 27.30     | 27.24      | 0.82    | ppb   |
| Molybdenum | 94-1  | 1482.67   | 1465.86   | 1473.97   | 1474.17    | 0.57    | ppb   |
| Molybdenum | 95-1  | 2036.49   | 2045.07   | 2038.21   | 2039.93    | 0.22    | ppb   |
| Molybdenum | 96-1  | 1964.62   | 1970.27   | 1968.04   | 1967.64    | 0.14    | ppb   |
| Molybdenum | 97-1  | 2010.65   | 2002.19   | 1999.17   | 2004.00    | 0.30    | ppb   |
| Molybdenum | 98-1  | 2035.91   | 2034.41   | 2029.25   | 2033.19    | 0.17    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 24.92     | 24.99     | 24.71     | 24.87      | 0.58    | ppb   |
| Phosphorus | 31-2  | 95926.21  | 95183.51  | 95283.69  | 95464.47   | 0.42    | ppb   |
| Potassium  | 39-2  | 100974.02 | 99308.21  | 100362.41 | 100214.88  | 0.84    | ppb   |
| Rhodium    | 103-1 |           |           |           | 94         |         | %     |
| Rhodium    | 103-2 |           |           |           | 91         |         | %     |
| Scandium   | 45-1  |           |           |           | 98         |         | %     |
| Scandium   | 45-2  |           |           |           | 95         |         | %     |
| Selenium   | 77-2  | 16.97     | 19.25     | 23.21     | 19.81      | 15.93   | ppb   |
| Selenium   | 78-2  | 16.80     | 20.40     | 20.32     | 19.17      | 10.73   | ppb   |
| Selenium   | 82-1  | 20.58     | 19.17     | 19.92     | 19.89      | 3.57    | ppb   |
| Silicon    | 28-1  | 78.01     | 76.93     | 77.43     | 77.46      | 0.69    | ppb   |
| Silver     | 109-1 | 18.30     | 18.21     | 18.23     | 18.24      | 0.25    | ppb   |
| Silver     | 107-1 | 18.10     | 18.08     | 18.00     | 18.06      | 0.30    | ppb   |
| Sodium     | 23-2  | 102319.65 | 100944.52 | 101888.56 | 101717.58  | 0.69    | ppb   |
| Strontium  | 86-1  | 102.93    | 102.95    | 102.41    | 102.76     | 0.30    | ppb   |
| Strontium  | 88-1  | 103.62    | 103.44    | 103.28    | 103.45     | 0.17    | ppb   |
| Sulfur     | 34-1  | 91261.38  | 90074.25  | 90970.91  | 90768.85   | 0.68    | ppb   |
| Terbium    | 159-1 |           |           |           | 107        |         | %     |
| Terbium    | 159-2 |           |           |           | 102        |         | %     |
| Thallium   | 203-1 | 20.63     | 20.64     | 20.76     | 20.68      | 0.37    | ppb   |
| Thallium   | 205-1 | 21.01     | 20.89     | 20.77     | 20.89      | 0.57    | ppb   |
| Thorium    | 232-1 | 0.31      | 0.32      | 0.31      | 0.31       | 1.78    | ppb   |
| Tin        | 118-1 | 57.84     | 58.29     | 58.02     | 58.05      | 0.39    | ppb   |
| Titanium   | 47-1  | 2128.51   | 2099.52   | 2099.32   | 2109.12    | 0.80    | ppb   |
| Uranium    | 238-1 | 56.19     | 56.39     | 56.35     | 56.31      | 0.18    | ppb   |
| Vanadium   | 51-2  | 20.20     | 19.33     | 19.52     | 19.68      | 2.32    | ppb   |
| Yttrium    | 89-1  |           |           |           | 101        |         | %     |
| Yttrium    | 89-2  |           |           |           | 97         |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB01             | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSAB01             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 13:24:34 | DataFile Name :   | 017ICSB.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 28.19   | 28.67   | 28.90   | 28.59      | 1.27    | ppb   |
| Zirconium | 90-1 | 55.60   | 55.43   | 55.73   | 55.58      | 0.27    | ppb   |
| Zirconium | 91-1 | 57.08   | 56.19   | 57.01   | 56.76      | 0.87    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB103076            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV17               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV17               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2019-05-29 13:28:12 | DataFile Name :   | 018CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 52527.88  | 52972.43  | 52366.19  | 52622.17   | 0.60    | ppb   |
| Antimony   | 121-1 | 507.12    | 505.54    | 506.71    | 506.45     | 0.16    | ppb   |
| Arsenic    | 75-2  | 513.39    | 509.45    | 508.69    | 510.51     | 0.49    | ppb   |
| Barium     | 135-1 | 2578.95   | 2560.28   | 2558.41   | 2565.88    | 0.44    | ppb   |
| Barium     | 137-1 | 2590.21   | 2594.13   | 2579.65   | 2587.99    | 0.29    | ppb   |
| Beryllium  | 9-1   | 506.15    | 503.61    | 503.28    | 504.35     | 0.31    | ppb   |
| Bismuth    | 209-1 |           |           |           | 97         |         | %     |
| Bismuth    | 209-2 |           |           |           | 90         |         | %     |
| Boron      | 10-1  | 496.28    | 494.16    | 497.86    | 496.10     | 0.37    | ppb   |
| Boron      | 11-1  | 497.92    | 503.50    | 506.33    | 502.58     | 0.85    | ppb   |
| Cadmium    | 111-1 | 461.33    | 461.57    | 459.33    | 460.74     | 0.27    | ppb   |
| Cadmium    | 106-1 | 472.12    | 470.52    | 461.96    | 468.20     | 1.17    | ppb   |
| Cadmium    | 108-1 | 471.22    | 478.93    | 471.81    | 473.99     | 0.91    | ppb   |
| Calcium    | 43-1  | 240526.61 | 239244.55 | 243104.89 | 240958.69  | 0.82    | ppb   |
| Calcium    | 44-1  | 242708.97 | 239515.44 | 244862.16 | 242362.19  | 1.11    | ppb   |
| Chromium   | 52-2  | 486.89    | 484.61    | 484.42    | 485.31     | 0.28    | ppb   |
| Cobalt     | 59-2  | 475.35    | 477.07    | 476.74    | 476.39     | 0.19    | ppb   |
| Copper     | 63-2  | 943.27    | 943.09    | 943.23    | 943.20     | 0.01    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 106        |         | %     |
| Holmium    | 165-2 |           |           |           | 99         |         | %     |
| Indium     | 115-1 |           |           |           | 95         |         | %     |
| Indium     | 115-2 |           |           |           | 90         |         | %     |
| Iron       | 56-2  | 124378.77 | 124841.98 | 125097.27 | 124772.67  | 0.29    | ppb   |
| Iron       | 57-2  | 124556.51 | 124445.40 | 124948.75 | 124650.22  | 0.21    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 517.09    | 514.08    | 507.27    | 512.81     | 0.98    | ppb   |
| Lead       | 207-1 | 517.12    | 514.05    | 511.68    | 514.28     | 0.53    | ppb   |
| Lead       | 208-1 | 514.94    | 515.34    | 510.88    | 513.72     | 0.48    | ppb   |
| Lithium    | 6-1   |           |           |           | 94         |         | %     |
| Magnesium  | 24-2  | 244573.99 | 246462.32 | 245805.78 | 245614.03  | 0.39    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB103076            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV17               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV17               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2019-05-29 13:28:12 | DataFile Name :   | 018CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 959.72    | 957.21    | 958.03    | 958.32     | 0.13    | ppb   |
| Molybdenum | 94-1  | 2565.13   | 2577.18   | 2564.73   | 2569.01    | 0.28    | ppb   |
| Molybdenum | 95-1  | 2553.56   | 2585.07   | 2575.96   | 2571.53    | 0.63    | ppb   |
| Molybdenum | 96-1  | 2565.85   | 2562.06   | 2575.40   | 2567.77    | 0.27    | ppb   |
| Molybdenum | 97-1  | 2558.65   | 2559.73   | 2584.36   | 2567.58    | 0.57    | ppb   |
| Molybdenum | 98-1  | 2543.24   | 2542.94   | 2557.04   | 2547.74    | 0.32    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 469.22    | 469.68    | 473.45    | 470.78     | 0.49    | ppb   |
| Phosphorus | 31-2  | 9629.14   | 9627.67   | 9833.66   | 9696.82    | 1.22    | ppb   |
| Potassium  | 39-2  | 125536.41 | 125333.35 | 124880.44 | 125250.07  | 0.27    | ppb   |
| Rhodium    | 103-1 |           |           |           | 89         |         | %     |
| Rhodium    | 103-2 |           |           |           | 87         |         | %     |
| Scandium   | 45-1  |           |           |           | 96         |         | %     |
| Scandium   | 45-2  |           |           |           | 95         |         | %     |
| Selenium   | 77-2  | 532.34    | 523.64    | 485.00    | 513.66     | 4.91    | ppb   |
| Selenium   | 78-2  | 498.02    | 505.29    | 497.45    | 500.25     | 0.87    | ppb   |
| Selenium   | 82-1  | 506.51    | 508.66    | 507.30    | 507.49     | 0.21    | ppb   |
| Silicon    | 28-1  | 533.47    | 537.87    | 550.65    | 540.66     | 1.65    | ppb   |
| Silver     | 109-1 | 472.90    | 475.40    | 471.10    | 473.13     | 0.46    | ppb   |
| Silver     | 107-1 | 473.06    | 475.79    | 472.45    | 473.77     | 0.38    | ppb   |
| Sodium     | 23-2  | 244973.67 | 245449.09 | 248024.41 | 246149.06  | 0.67    | ppb   |
| Strontium  | 86-1  | 508.06    | 507.08    | 509.93    | 508.35     | 0.28    | ppb   |
| Strontium  | 88-1  | 507.34    | 507.58    | 508.10    | 507.67     | 0.08    | ppb   |
| Sulfur     | 34-1  | 9746.66   | 9719.90   | 10191.98  | 9886.18    | 2.68    | ppb   |
| Terbium    | 159-1 |           |           |           | 105        |         | %     |
| Terbium    | 159-2 |           |           |           | 99         |         | %     |
| Thallium   | 203-1 | 512.86    | 510.99    | 506.06    | 509.97     | 0.69    | ppb   |
| Thallium   | 205-1 | 518.33    | 515.27    | 509.26    | 514.29     | 0.90    | ppb   |
| Thorium    | 232-1 | 526.46    | 522.31    | 520.82    | 523.20     | 0.56    | ppb   |
| Tin        | 118-1 | 512.99    | 511.27    | 506.48    | 510.25     | 0.66    | ppb   |
| Titanium   | 47-1  | 2537.68   | 2531.88   | 2573.19   | 2547.58    | 0.88    | ppb   |
| Uranium    | 238-1 | 521.89    | 522.83    | 512.73    | 519.15     | 1.08    | ppb   |
| Vanadium   | 51-2  | 492.24    | 489.42    | 490.05    | 490.57     | 0.30    | ppb   |
| Yttrium    | 89-1  |           |           |           | 98         |         | %     |
| Yttrium    | 89-2  |           |           |           | 94         |         | %     |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB103076            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV17               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV17               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2019-05-29 13:28:12 | DataFile Name :   | 018CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 927.43  | 925.62  | 936.41  | 929.82     | 0.62    | ppb   |
| Zirconium | 90-1 | 513.08  | 511.77  | 514.06  | 512.97     | 0.22    | ppb   |
| Zirconium | 91-1 | 514.31  | 515.05  | 512.59  | 513.98     | 0.25    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | LLCCV               | Instrumnet Name : | P7        |
| Client Sample ID :      | LLCCV               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 13:37:01 | DataFile Name :   | 019LLIC.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 25.58   | 23.01   | 22.75   | 23.78      | 6.57    | ppb   |
| Antimony   | 121-1 | 2.18    | 2.21    | 2.15    | 2.18       | 1.41    | ppb   |
| Arsenic    | 75-2  | 0.79    | 0.98    | 1.18    | 0.98       | 19.56   | ppb   |
| Barium     | 135-1 | 10.12   | 10.34   | 10.52   | 10.33      | 1.93    | ppb   |
| Barium     | 137-1 | 10.41   | 10.54   | 10.75   | 10.57      | 1.63    | ppb   |
| Beryllium  | 9-1   | 1.07    | 1.16    | 1.12    | 1.12       | 4.24    | ppb   |
| Bismuth    | 209-1 |         |         |         | 108        |         | %     |
| Bismuth    | 209-2 |         |         |         | 105        |         | %     |
| Boron      | 10-1  | 29.58   | 31.28   | 30.49   | 30.45      | 2.79    | ppb   |
| Boron      | 11-1  | 28.99   | 31.09   | 30.44   | 30.17      | 3.57    | ppb   |
| Cadmium    | 111-1 | 0.93    | 0.88    | 0.94    | 0.92       | 3.75    | ppb   |
| Cadmium    | 106-1 | 0.29    | 0.21    | 0.54    | 0.35       | 49.89   | ppb   |
| Cadmium    | 108-1 | 0.84    | 1.11    | 1.17    | 1.04       | 16.92   | ppb   |
| Calcium    | 43-1  | 505.30  | 519.63  | 488.16  | 504.36     | 3.12    | ppb   |
| Calcium    | 44-1  | 498.19  | 495.01  | 490.82  | 494.68     | 0.75    | ppb   |
| Chromium   | 52-2  | 2.01    | 1.97    | 1.99    | 1.99       | 0.93    | ppb   |
| Cobalt     | 59-2  | 0.94    | 0.99    | 0.98    | 0.97       | 2.74    | ppb   |
| Copper     | 63-2  | 1.99    | 2.02    | 2.07    | 2.03       | 2.01    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 108        |         | %     |
| Holmium    | 165-2 |         |         |         | 105        |         | %     |
| Indium     | 115-1 |         |         |         | 108        |         | %     |
| Indium     | 115-2 |         |         |         | 105        |         | %     |
| Iron       | 56-2  | 62.09   | 59.92   | 61.50   | 61.17      | 1.83    | ppb   |
| Iron       | 57-2  | 65.27   | 63.71   | 66.81   | 65.26      | 2.38    | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 1.06    | 1.00    | 0.99    | 1.02       | 3.44    | ppb   |
| Lead       | 207-1 | 0.95    | 1.00    | 0.98    | 0.97       | 2.79    | ppb   |
| Lead       | 208-1 | 1.01    | 1.01    | 0.99    | 1.00       | 1.11    | ppb   |
| Lithium    | 6-1   |         |         |         | 107        |         | %     |
| Magnesium  | 24-2  | 540.12  | 541.79  | 530.57  | 537.49     | 1.13    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | LLCCV               | Instrumnet Name : | P7        |
| Client Sample ID :      | LLCCV               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 13:37:01 | DataFile Name :   | 019LLIC.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 1.02    | 1.05    | 1.08    | 1.05       | 2.66    | ppb   |
| Molybdenum | 94-1  | 5.27    | 5.32    | 4.82    | 5.14       | 5.41    | ppb   |
| Molybdenum | 95-1  | 5.14    | 5.33    | 5.26    | 5.24       | 1.83    | ppb   |
| Molybdenum | 96-1  | 5.27    | 5.42    | 5.13    | 5.28       | 2.78    | ppb   |
| Molybdenum | 97-1  | 5.28    | 5.30    | 5.40    | 5.33       | 1.15    | ppb   |
| Molybdenum | 98-1  | 5.28    | 5.30    | 5.28    | 5.28       | 0.22    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.00    | 1.03    | 1.15    | 1.06       | 7.16    | ppb   |
| Phosphorus | 31-2  | 38.84   | 24.83   | 23.34   | 29.00      | 29.49   | ppb   |
| Potassium  | 39-2  | 506.16  | 505.73  | 498.33  | 503.41     | 0.87    | ppb   |
| Rhodium    | 103-1 |         |         |         | 106        |         | %     |
| Rhodium    | 103-2 |         |         |         | 106        |         | %     |
| Scandium   | 45-1  |         |         |         | 108        |         | %     |
| Scandium   | 45-2  |         |         |         | 106        |         | %     |
| Selenium   | 77-2  | 7.10    | 6.25    | 5.42    | 6.26       | 13.48   | ppb   |
| Selenium   | 78-2  | 4.50    | 5.50    | 3.79    | 4.60       | 18.68   | ppb   |
| Selenium   | 82-1  | 6.01    | 5.92    | 5.77    | 5.90       | 2.02    | ppb   |
| Silicon    | 28-1  | 9.22    | 10.25   | 9.10    | 9.52       | 6.61    | ppb   |
| Silver     | 109-1 | 1.02    | 1.07    | 1.01    | 1.03       | 3.37    | ppb   |
| Silver     | 107-1 | 1.01    | 1.04    | 1.03    | 1.03       | 1.33    | ppb   |
| Sodium     | 23-2  | 536.32  | 535.57  | 526.77  | 532.89     | 1.00    | ppb   |
| Strontium  | 86-1  | 1.12    | 1.02    | 1.06    | 1.07       | 4.87    | ppb   |
| Strontium  | 88-1  | 1.02    | 1.00    | 0.99    | 1.00       | 1.71    | ppb   |
| Sulfur     | 34-1  | 13.51   | 63.47   | 67.91   | 48.30      | 62.55   | ppb   |
| Terbium    | 159-1 |         |         |         | 108        |         | %     |
| Terbium    | 159-2 |         |         |         | 106        |         | %     |
| Thallium   | 203-1 | 0.99    | 0.96    | 0.98    | 0.97       | 1.60    | ppb   |
| Thallium   | 205-1 | 0.97    | 0.98    | 0.98    | 0.98       | 0.65    | ppb   |
| Thorium    | 232-1 | 0.89    | 0.89    | 0.89    | 0.89       | 0.33    | ppb   |
| Tin        | 118-1 | 5.71    | 5.70    | 5.51    | 5.64       | 2.02    | ppb   |
| Titanium   | 47-1  | 5.29    | 5.60    | 4.92    | 5.27       | 6.47    | ppb   |
| Uranium    | 238-1 | 0.86    | 0.86    | 0.83    | 0.85       | 2.10    | ppb   |
| Vanadium   | 51-2  | 5.27    | 5.07    | 5.18    | 5.17       | 1.95    | ppb   |
| Yttrium    | 89-1  |         |         |         | 108        |         | %     |
| Yttrium    | 89-2  |         |         |         | 106        |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | LLCCV               | Instrumnet Name : | P7        |
| Client Sample ID :      | LLCCV               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 13:37:01 | DataFile Name :   | 019LLIC.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 2.28    | 2.35    | 2.68    | 2.44       | 8.79    | ppb   |
| Zirconium | 90-1 | 1.02    | 0.97    | 0.96    | 0.99       | 3.19    | ppb   |
| Zirconium | 91-1 | 0.98    | 0.93    | 0.95    | 0.95       | 2.18    | ppb   |

LB Number : LB103076 Operator : Jaswal  
 Lab Sample ID : CCB17 Instrumnet Name : P7  
 Client Sample ID : CCB17 Dilution Factor : 1  
 Date & Time Acquired :: 2019-05-29 13:41:26 DataFile Name : 020CCBE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.26    | -0.28   | 0.07    | 0.01       | 1898.93 | ppb   |
| Antimony   | 121-1 | 0.04    | 0.05    | 0.05    | 0.05       | 5.60    | ppb   |
| Arsenic    | 75-2  | 0.01    | 0.01    | 0.02    | 0.01       | 29.69   | ppb   |
| Barium     | 135-1 | 0.00    | 0.00    | 0.01    | 0.00       | 139.23  | ppb   |
| Barium     | 137-1 | 0.00    | -0.01   | 0.01    | 0.00       |         | ppb   |
| Beryllium  | 9-1   | 0.03    | 0.03    | 0.05    | 0.03       | 30.44   | ppb   |
| Bismuth    | 209-1 |         |         |         | 108        |         | %     |
| Bismuth    | 209-2 |         |         |         | 105        |         | %     |
| Boron      | 10-1  | 3.84    | 5.01    | 4.68    | 4.51       | 13.40   | ppb   |
| Boron      | 11-1  | 4.84    | 4.91    | 4.38    | 4.71       | 6.06    | ppb   |
| Cadmium    | 111-1 | 0.03    | 0.03    | 0.04    | 0.03       | 22.83   | ppb   |
| Cadmium    | 106-1 | 0.32    | 0.28    | 0.43    | 0.34       | 21.82   | ppb   |
| Cadmium    | 108-1 | 0.01    | 0.00    | -0.02   | 0.00       |         | ppb   |
| Calcium    | 43-1  | 1.45    | 0.81    | 2.36    | 1.54       | 50.40   | ppb   |
| Calcium    | 44-1  | 0.02    | -1.06   | -0.41   | -0.48      |         | ppb   |
| Chromium   | 52-2  | -0.03   | 0.02    | 0.06    | 0.02       | 239.36  | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.00    | 0.00    | 0.00       | 54.57   | ppb   |
| Copper     | 63-2  | 0.06    | 0.03    | 0.02    | 0.04       | 60.48   | 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 |         |         |         | 108        |         | %     |
| Holmium    | 165-2 |         |         |         | 105        |         | %     |
| Indium     | 115-1 |         |         |         | 108        |         | %     |
| Indium     | 115-2 |         |         |         | 106        |         | %     |
| Iron       | 56-2  | 0.30    | 0.40    | 0.44    | 0.38       | 18.36   | ppb   |
| Iron       | 57-2  | 1.58    | 0.68    | 0.34    | 0.86       | 74.11   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.05    | 0.03    | 0.03    | 0.04       | 20.35   | ppb   |
| Lead       | 207-1 | 0.04    | 0.02    | 0.02    | 0.03       | 36.20   | ppb   |
| Lead       | 208-1 | 0.04    | 0.03    | 0.03    | 0.03       | 14.83   | ppb   |
| Lithium    | 6-1   |         |         |         | 109        |         | %     |
| Magnesium  | 24-2  | 0.91    | 0.78    | 1.32    | 1.00       | 28.17   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB17               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB17               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 13:41:26 | DataFile Name :   | 020CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 0.00    | 0.00    | 0.00    | 0.00       | 90.35   | ppb   |
| Molybdenum | 94-1  | 0.05    | 0.03    | 0.07    | 0.05       | 39.81   | ppb   |
| Molybdenum | 95-1  | 0.09    | 0.06    | 0.08    | 0.07       | 20.01   | ppb   |
| Molybdenum | 96-1  | 0.06    | 0.07    | 0.04    | 0.06       | 26.09   | ppb   |
| Molybdenum | 97-1  | 0.04    | 0.05    | 0.06    | 0.05       | 21.12   | ppb   |
| Molybdenum | 98-1  | 0.06    | 0.07    | 0.05    | 0.06       | 16.99   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.01   | 0.00    | -0.02   | -0.01      |         | ppb   |
| Phosphorus | 31-2  | -27.80  | -34.88  | -12.26  | -24.98     |         | ppb   |
| Potassium  | 39-2  | 6.34    | 2.88    | 7.06    | 5.43       | 41.18   | ppb   |
| Rhodium    | 103-1 |         |         |         | 108        |         | %     |
| Rhodium    | 103-2 |         |         |         | 107        |         | %     |
| Scandium   | 45-1  |         |         |         | 109        |         | %     |
| Scandium   | 45-2  |         |         |         | 108        |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.16    | 0.08    | -0.46   | -0.07      |         | ppb   |
| Selenium   | 82-1  | -0.02   | 0.48    | 0.17    | 0.21       | 120.70  | ppb   |
| Silicon    | 28-1  | -0.50   | -0.44   | -0.72   | -0.55      |         | ppb   |
| Silver     | 109-1 | 0.00    | 0.01    | 0.01    | 0.01       | 26.58   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.01    | 0.01       | 24.86   | ppb   |
| Sodium     | 23-2  | 18.42   | 18.01   | 18.53   | 18.32      | 1.48    | ppb   |
| Strontium  | 86-1  | -0.01   | 0.03    | -0.03   | 0.00       |         | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       | 42.33   | ppb   |
| Sulfur     | 34-1  | 56.17   | 35.53   | 57.59   | 49.76      | 24.81   | ppb   |
| Terbium    | 159-1 |         |         |         | 108        |         | %     |
| Terbium    | 159-2 |         |         |         | 106        |         | %     |
| Thallium   | 203-1 | 0.02    | 0.03    | 0.02    | 0.02       | 10.14   | ppb   |
| Thallium   | 205-1 | 0.04    | 0.02    | 0.03    | 0.03       | 20.43   | ppb   |
| Thorium    | 232-1 | 0.01    | 0.01    | 0.01    | 0.01       | 16.71   | ppb   |
| Tin        | 118-1 | 0.03    | 0.02    | 0.03    | 0.03       | 21.84   | ppb   |
| Titanium   | 47-1  | 0.04    | 0.04    | 0.09    | 0.05       | 53.38   | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Yttrium    | 89-1  |         |         |         | 108        |         | %     |
| Yttrium    | 89-2  |         |         |         | 107        |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB17               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB17               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 13:41:26 | DataFile Name :   | 020CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 0.03    | 0.19    | -0.02   | 0.07       | 166.46  | ppb   |
| Zirconium | 90-1 | 0.00    | 0.01    | 0.02    | 0.01       | 73.35   | ppb   |
| Zirconium | 91-1 | 0.00    | 0.00    | 0.00    | 0.00       | 122.34  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P7        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 13:45:01 | DataFile Name :   | 021LLIC.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 20.82   | 20.76   | 18.62   | 20.07      | 6.24    | ppb   |
| Antimony   | 121-1 | 2.12    | 2.05    | 2.04    | 2.07       | 2.17    | ppb   |
| Arsenic    | 75-2  | 1.05    | 1.12    | 1.04    | 1.07       | 4.33    | ppb   |
| Barium     | 135-1 | 10.94   | 10.56   | 10.40   | 10.63      | 2.60    | ppb   |
| Barium     | 137-1 | 10.99   | 10.93   | 10.47   | 10.80      | 2.63    | ppb   |
| Beryllium  | 9-1   | 1.01    | 0.97    | 1.12    | 1.03       | 7.74    | ppb   |
| Bismuth    | 209-1 |         |         |         | 108        |         | %     |
| Bismuth    | 209-2 |         |         |         | 105        |         | %     |
| Boron      | 10-1  | 26.28   | 26.79   | 27.78   | 26.95      | 2.84    | ppb   |
| Boron      | 11-1  | 27.97   | 28.19   | 26.80   | 27.65      | 2.71    | ppb   |
| Cadmium    | 111-1 | 0.96    | 0.90    | 0.85    | 0.90       | 5.87    | ppb   |
| Cadmium    | 106-1 | 1.47    | 0.23    | 0.26    | 0.65       | 108.28  | ppb   |
| Cadmium    | 108-1 | 1.15    | 1.05    | 0.95    | 1.05       | 9.62    | ppb   |
| Calcium    | 43-1  | 498.97  | 500.07  | 516.17  | 505.07     | 1.91    | ppb   |
| Calcium    | 44-1  | 492.54  | 495.75  | 484.92  | 491.07     | 1.13    | ppb   |
| Chromium   | 52-2  | 1.97    | 2.04    | 2.05    | 2.02       | 2.12    | ppb   |
| Cobalt     | 59-2  | 1.04    | 0.98    | 0.98    | 1.00       | 3.25    | ppb   |
| Copper     | 63-2  | 1.97    | 1.88    | 1.90    | 1.92       | 2.62    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 108        |         | %     |
| Holmium    | 165-2 |         |         |         | 106        |         | %     |
| Indium     | 115-1 |         |         |         | 109        |         | %     |
| Indium     | 115-2 |         |         |         | 107        |         | %     |
| Iron       | 56-2  | 56.92   | 56.34   | 57.22   | 56.82      | 0.79    | ppb   |
| Iron       | 57-2  | 58.82   | 55.97   | 55.61   | 56.80      | 3.10    | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 1.02    | 1.02    | 1.00    | 1.01       | 1.02    | ppb   |
| Lead       | 207-1 | 0.95    | 0.92    | 0.94    | 0.94       | 1.87    | ppb   |
| Lead       | 208-1 | 0.97    | 0.97    | 0.98    | 0.97       | 0.44    | ppb   |
| Lithium    | 6-1   |         |         |         | 109        |         | %     |
| Magnesium  | 24-2  | 526.11  | 526.67  | 527.75  | 526.84     | 0.16    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P7        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 13:45:01 | DataFile Name :   | 021LLIC.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 1.04    | 1.00    | 0.97    | 1.00       | 3.34    | ppb   |
| Molybdenum | 94-1  | 5.09    | 5.02    | 5.10    | 5.07       | 0.85    | ppb   |
| Molybdenum | 95-1  | 5.10    | 5.28    | 5.10    | 5.16       | 2.03    | ppb   |
| Molybdenum | 96-1  | 5.31    | 4.97    | 5.14    | 5.14       | 3.30    | ppb   |
| Molybdenum | 97-1  | 5.01    | 5.05    | 5.14    | 5.07       | 1.32    | ppb   |
| Molybdenum | 98-1  | 5.05    | 5.01    | 5.23    | 5.09       | 2.30    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.03    | 1.03    | 1.04    | 1.03       | 0.65    | ppb   |
| Phosphorus | 31-2  | 26.04   | 4.47    | 28.87   | 19.80      | 67.41   | ppb   |
| Potassium  | 39-2  | 503.18  | 504.83  | 494.10  | 500.70     | 1.15    | ppb   |
| Rhodium    | 103-1 |         |         |         | 108        |         | %     |
| Rhodium    | 103-2 |         |         |         | 107        |         | %     |
| Scandium   | 45-1  |         |         |         | 110        |         | %     |
| Scandium   | 45-2  |         |         |         | 109        |         | %     |
| Selenium   | 77-2  | 4.10    | 4.91    | 4.50    | 4.50       | 8.97    | ppb   |
| Selenium   | 78-2  | 6.20    | 3.96    | 5.10    | 5.08       | 22.02   | ppb   |
| Selenium   | 82-1  | 5.28    | 5.57    | 5.51    | 5.46       | 2.82    | ppb   |
| Silicon    | 28-1  | 9.20    | 9.54    | 8.90    | 9.22       | 3.49    | ppb   |
| Silver     | 109-1 | 1.10    | 1.14    | 1.10    | 1.11       | 2.17    | ppb   |
| Silver     | 107-1 | 0.98    | 0.97    | 1.11    | 1.02       | 7.59    | ppb   |
| Sodium     | 23-2  | 519.40  | 512.54  | 519.56  | 517.16     | 0.77    | ppb   |
| Strontium  | 86-1  | 1.01    | 0.95    | 1.04    | 1.00       | 4.92    | ppb   |
| Strontium  | 88-1  | 0.99    | 0.99    | 0.98    | 0.98       | 0.86    | ppb   |
| Sulfur     | 34-1  | 24.70   | 179.46  | 179.45  | 127.87     | 69.87   | ppb   |
| Terbium    | 159-1 |         |         |         | 108        |         | %     |
| Terbium    | 159-2 |         |         |         | 107        |         | %     |
| Thallium   | 203-1 | 0.95    | 0.96    | 0.93    | 0.94       | 1.57    | ppb   |
| Thallium   | 205-1 | 0.95    | 0.95    | 0.93    | 0.94       | 1.55    | ppb   |
| Thorium    | 232-1 | 0.86    | 0.85    | 0.88    | 0.86       | 1.68    | ppb   |
| Tin        | 118-1 | 5.50    | 5.54    | 5.58    | 5.54       | 0.72    | ppb   |
| Titanium   | 47-1  | 5.36    | 5.47    | 5.22    | 5.35       | 2.30    | ppb   |
| Uranium    | 238-1 | 0.88    | 0.88    | 0.85    | 0.87       | 2.22    | ppb   |
| Vanadium   | 51-2  | 5.06    | 5.05    | 4.98    | 5.03       | 0.86    | ppb   |
| Yttrium    | 89-1  |         |         |         | 109        |         | %     |
| Yttrium    | 89-2  |         |         |         | 108        |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P7        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 13:45:01 | DataFile Name :   | 021LLIC.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 2.04    | 1.95    | 1.90    | 1.96       | 3.62    | ppb   |
| Zirconium | 90-1 | 0.92    | 0.93    | 0.93    | 0.92       | 0.84    | ppb   |
| Zirconium | 91-1 | 0.97    | 0.97    | 0.97    | 0.97       | 0.48    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | PB120042BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB120042BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 13:48:37 | DataFile Name :   | 022CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.20   | 0.07    | 0.24    | 0.04       | 581.36  | ppb   |
| Antimony   | 121-1 | 0.02    | 0.04    | 0.03    | 0.03       | 37.45   | ppb   |
| Arsenic    | 75-2  | 0.00    | -0.01   | 0.02    | 0.00       | 355.42  | ppb   |
| Barium     | 135-1 | 0.00    | 0.00    | 0.00    | 0.00       | 131.79  | ppb   |
| Barium     | 137-1 | 0.00    | 0.00    | 0.00    | 0.00       | 33.17   | ppb   |
| Beryllium  | 9-1   | 0.02    | 0.02    | 0.02    | 0.02       | 8.63    | ppb   |
| Bismuth    | 209-1 |         |         |         | 105        |         | %     |
| Bismuth    | 209-2 |         |         |         | 104        |         | %     |
| Boron      | 10-1  | 3.44    | 3.24    | 3.22    | 3.30       | 3.65    | ppb   |
| Boron      | 11-1  | 4.05    | 3.81    | 3.60    | 3.82       | 5.94    | ppb   |
| Cadmium    | 111-1 | 0.09    | -0.06   | -0.11   | -0.03      |         | ppb   |
| Cadmium    | 106-1 | 1.07    | -0.75   | -1.46   | -0.38      |         | ppb   |
| Cadmium    | 108-1 | -0.05   | 0.00    | 0.01    | -0.01      |         | ppb   |
| Calcium    | 43-1  | 1.26    | 1.74    | -1.10   | 0.63       | 239.86  | ppb   |
| Calcium    | 44-1  | 1.46    | -0.61   | -0.78   | 0.03       | 4986.48 | ppb   |
| Chromium   | 52-2  | -0.01   | 0.02    | 0.02    | 0.01       | 210.20  | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       | 233.52  | ppb   |
| Copper     | 63-2  | 0.01    | 0.05    | 0.02    | 0.03       | 70.38   | 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 |         |         |         | 105        |         | %     |
| Holmium    | 165-2 |         |         |         | 106        |         | %     |
| Indium     | 115-1 |         |         |         | 105        |         | %     |
| Indium     | 115-2 |         |         |         | 107        |         | %     |
| Iron       | 56-2  | 0.34    | 0.37    | 0.23    | 0.31       | 24.24   | ppb   |
| Iron       | 57-2  | 0.66    | -0.44   | -0.24   | -0.01      |         | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.01    | 0.01    | 0.02    | 0.02       | 24.40   | ppb   |
| Lead       | 207-1 | 0.03    | 0.02    | 0.01    | 0.02       | 34.42   | ppb   |
| Lead       | 208-1 | 0.02    | 0.02    | 0.02    | 0.02       | 8.90    | ppb   |
| Lithium    | 6-1   |         |         |         | 107        |         | %     |
| Magnesium  | 24-2  | 0.81    | 0.85    | 0.96    | 0.87       | 8.62    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | PB120042BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB120042BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 13:48:37 | DataFile Name :   | 022CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 0.02    | 0.01    | -0.01   | 0.01       | 166.85  | ppb   |
| Molybdenum | 94-1  | 0.02    | 0.02    | 0.03    | 0.02       | 31.01   | ppb   |
| Molybdenum | 95-1  | 0.05    | 0.03    | 0.03    | 0.04       | 27.18   | ppb   |
| Molybdenum | 96-1  | 0.03    | 0.01    | 0.00    | 0.01       | 90.95   | ppb   |
| Molybdenum | 97-1  | 0.01    | 0.03    | 0.01    | 0.02       | 87.91   | ppb   |
| Molybdenum | 98-1  | 0.03    | 0.02    | 0.03    | 0.03       | 32.33   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.01    | 0.00    | -0.02   | 0.00       |         | ppb   |
| Phosphorus | 31-2  | -21.06  | -17.48  | -31.75  | -23.43     |         | ppb   |
| Potassium  | 39-2  | 2.83    | 3.17    | 2.06    | 2.69       | 21.10   | ppb   |
| Rhodium    | 103-1 |         |         |         | 105        |         | %     |
| Rhodium    | 103-2 |         |         |         | 107        |         | %     |
| Scandium   | 45-1  |         |         |         | 106        |         | %     |
| Scandium   | 45-2  |         |         |         | 108        |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | -0.06   | 0.20    | -0.35   | -0.07      |         | ppb   |
| Selenium   | 82-1  | 0.41    | -0.01   | 0.16    | 0.19       | 112.23  | ppb   |
| Silicon    | 28-1  | 2.51    | -0.05   | 0.37    | 0.94       | 146.08  | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 184.13  | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.01    | 0.00       | 146.84  | ppb   |
| Sodium     | 23-2  | 11.54   | 11.10   | 11.23   | 11.29      | 2.01    | ppb   |
| Strontium  | 86-1  | -0.02   | 0.04    | 0.01    | 0.01       | 218.89  | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       | 42.66   | ppb   |
| Sulfur     | 34-1  | 732.18  | 154.07  | 156.68  | 347.64     | 95.79   | ppb   |
| Terbium    | 159-1 |         |         |         | 106        |         | %     |
| Terbium    | 159-2 |         |         |         | 107        |         | %     |
| Thallium   | 203-1 | 0.03    | 0.01    | 0.02    | 0.02       | 42.60   | ppb   |
| Thallium   | 205-1 | 0.02    | 0.01    | 0.02    | 0.02       | 16.35   | ppb   |
| Thorium    | 232-1 | 0.01    | 0.01    | 0.01    | 0.01       | 9.81    | ppb   |
| Tin        | 118-1 | 0.03    | 0.02    | 0.01    | 0.02       | 39.41   | ppb   |
| Titanium   | 47-1  | 0.06    | 0.05    | 0.08    | 0.06       | 18.61   | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Yttrium    | 89-1  |         |         |         | 106        |         | %     |
| Yttrium    | 89-2  |         |         |         | 108        |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | PB120042BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB120042BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 13:48:37 | DataFile Name :   | 022CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 0.03    | 0.13    | 0.06    | 0.07       | 75.08   | ppb   |
| Zirconium | 90-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Zirconium | 91-1 | 0.01    | 0.00    | -0.01   | 0.00       | 1026.77 | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | PB120042BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB120042BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 13:52:13 | DataFile Name :   | 023LCSS.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 10061.78 | 10127.50 | 10074.38 | 10087.89   | 0.35    | ppb   |
| Antimony   | 121-1 | 532.85   | 536.60   | 529.21   | 532.89     | 0.69    | ppb   |
| Arsenic    | 75-2  | 512.26   | 509.66   | 510.52   | 510.81     | 0.26    | ppb   |
| Barium     | 135-1 | 2644.15  | 2652.59  | 2626.54  | 2641.10    | 0.50    | ppb   |
| Barium     | 137-1 | 2657.25  | 2670.88  | 2653.47  | 2660.53    | 0.34    | ppb   |
| Beryllium  | 9-1   | 524.50   | 519.26   | 518.33   | 520.70     | 0.64    | ppb   |
| Bismuth    | 209-1 |          |          |          | 103        |         | %     |
| Bismuth    | 209-2 |          |          |          | 98         |         | %     |
| Boron      | 10-1  | 495.87   | 507.36   | 500.97   | 501.40     | 1.15    | ppb   |
| Boron      | 11-1  | 493.09   | 509.62   | 512.90   | 505.20     | 2.10    | ppb   |
| Cadmium    | 111-1 | 473.38   | 472.50   | 469.04   | 471.64     | 0.49    | ppb   |
| Cadmium    | 106-1 | 486.91   | 483.94   | 476.72   | 482.52     | 1.09    | ppb   |
| Cadmium    | 108-1 | 487.53   | 481.02   | 475.91   | 481.49     | 1.21    | ppb   |
| Calcium    | 43-1  | 51703.57 | 51750.00 | 51065.92 | 51506.50   | 0.74    | ppb   |
| Calcium    | 44-1  | 51126.44 | 51360.69 | 50878.87 | 51122.00   | 0.47    | ppb   |
| Chromium   | 52-2  | 502.07   | 509.31   | 505.54   | 505.64     | 0.72    | ppb   |
| Cobalt     | 59-2  | 503.33   | 510.59   | 506.56   | 506.82     | 0.72    | ppb   |
| Copper     | 63-2  | 930.75   | 944.65   | 941.07   | 938.82     | 0.77    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 106        |         | %     |
| Holmium    | 165-2 |          |          |          | 101        |         | %     |
| Indium     | 115-1 |          |          |          | 99         |         | %     |
| Indium     | 115-2 |          |          |          | 95         |         | %     |
| Iron       | 56-2  | 27055.54 | 27447.89 | 27341.34 | 27281.59   | 0.74    | ppb   |
| Iron       | 57-2  | 26917.60 | 27344.74 | 27269.73 | 27177.36   | 0.84    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 511.96   | 507.48   | 507.08   | 508.84     | 0.53    | ppb   |
| Lead       | 207-1 | 514.26   | 510.41   | 510.50   | 511.73     | 0.43    | ppb   |
| Lead       | 208-1 | 515.22   | 510.81   | 510.34   | 512.12     | 0.53    | ppb   |
| Lithium    | 6-1   |          |          |          | 100        |         | %     |
| Magnesium  | 24-2  | 53480.66 | 53656.06 | 53577.87 | 53571.53   | 0.16    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | PB120042BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB120042BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 13:52:13 | DataFile Name :   | 023LCSS.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 997.30   | 1004.30  | 999.22   | 1000.28    | 0.36    | ppb   |
| Molybdenum | 94-1  | 2577.55  | 2594.36  | 2585.99  | 2585.97    | 0.33    | ppb   |
| Molybdenum | 95-1  | 2600.76  | 2582.93  | 2594.40  | 2592.70    | 0.35    | ppb   |
| Molybdenum | 96-1  | 2593.89  | 2596.99  | 2595.16  | 2595.35    | 0.06    | ppb   |
| Molybdenum | 97-1  | 2600.15  | 2594.17  | 2592.93  | 2595.75    | 0.15    | ppb   |
| Molybdenum | 98-1  | 2586.25  | 2589.81  | 2573.93  | 2583.33    | 0.32    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 505.93   | 509.42   | 511.19   | 508.85     | 0.53    | ppb   |
| Phosphorus | 31-2  | 10090.07 | 10321.00 | 10076.66 | 10162.58   | 1.35    | ppb   |
| Potassium  | 39-2  | 26112.97 | 26300.20 | 26237.46 | 26216.88   | 0.36    | ppb   |
| Rhodium    | 103-1 |          |          |          | 95         |         | %     |
| Rhodium    | 103-2 |          |          |          | 94         |         | %     |
| Scandium   | 45-1  |          |          |          | 99         |         | %     |
| Scandium   | 45-2  |          |          |          | 95         |         | %     |
| Selenium   | 77-2  | 505.24   | 522.42   | 529.04   | 518.90     | 2.37    | ppb   |
| Selenium   | 78-2  | 511.41   | 514.72   | 515.32   | 513.82     | 0.41    | ppb   |
| Selenium   | 82-1  | 522.19   | 520.63   | 514.90   | 519.24     | 0.74    | ppb   |
| Silicon    | 28-1  | 529.28   | 533.87   | 534.22   | 532.46     | 0.52    | ppb   |
| Silver     | 109-1 | 489.94   | 489.30   | 486.82   | 488.69     | 0.34    | ppb   |
| Silver     | 107-1 | 489.73   | 489.00   | 479.43   | 486.05     | 1.18    | ppb   |
| Sodium     | 23-2  | 52824.07 | 52795.79 | 52771.00 | 52796.96   | 0.05    | ppb   |
| Strontium  | 86-1  | 517.74   | 515.81   | 510.85   | 514.80     | 0.69    | ppb   |
| Strontium  | 88-1  | 514.85   | 515.73   | 514.43   | 515.00     | 0.13    | ppb   |
| Sulfur     | 34-1  | 10599.55 | 10384.69 | 10277.42 | 10420.56   | 1.57    | ppb   |
| Terbium    | 159-1 |          |          |          | 106        |         | %     |
| Terbium    | 159-2 |          |          |          | 101        |         | %     |
| Thallium   | 203-1 | 511.26   | 502.68   | 503.28   | 505.74     | 0.95    | ppb   |
| Thallium   | 205-1 | 515.29   | 510.91   | 513.61   | 513.27     | 0.43    | ppb   |
| Thorium    | 232-1 | 499.35   | 496.93   | 501.02   | 499.10     | 0.41    | ppb   |
| Tin        | 118-1 | 530.18   | 532.02   | 525.74   | 529.31     | 0.61    | ppb   |
| Titanium   | 47-1  | 2581.09  | 2594.41  | 2568.17  | 2581.22    | 0.51    | ppb   |
| Uranium    | 238-1 | 499.00   | 491.60   | 496.70   | 495.77     | 0.76    | ppb   |
| Vanadium   | 51-2  | 501.09   | 507.65   | 504.62   | 504.45     | 0.65    | ppb   |
| Yttrium    | 89-1  |          |          |          | 100        |         | %     |
| Yttrium    | 89-2  |          |          |          | 97         |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | PB120042BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB120042BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 13:52:13 | DataFile Name :   | 023LCSS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 914.50  | 924.16  | 922.24  | 920.30     | 0.56    | ppb   |
| Zirconium | 90-1 | 517.19  | 518.92  | 517.14  | 517.75     | 0.20    | ppb   |
| Zirconium | 91-1 | 515.14  | 519.67  | 515.50  | 516.77     | 0.49    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-01            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-11(7-7.5)      | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 13:55:50 | DataFile Name :   | 024SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 67067.75  | 67140.30  | 66872.83  | 67026.96   | 0.21    | ppb   |
| Antimony   | 121-1 | 0.39      | 0.48      | 0.53      | 0.47       | 15.86   | ppb   |
| Arsenic    | 75-2  | 22.06     | 22.84     | 22.90     | 22.60      | 2.08    | ppb   |
| Barium     | 135-1 | 305.58    | 304.34    | 305.04    | 304.98     | 0.20    | ppb   |
| Barium     | 137-1 | 307.98    | 305.55    | 304.63    | 306.05     | 0.57    | ppb   |
| Beryllium  | 9-1   | 3.72      | 3.56      | 3.70      | 3.66       | 2.34    | ppb   |
| Bismuth    | 209-1 |           |           |           | 107        |         | %     |
| Bismuth    | 209-2 |           |           |           | 102        |         | %     |
| Boron      | 10-1  | 24.84     | 27.78     | 23.07     | 25.23      | 9.43    | ppb   |
| Boron      | 11-1  | 26.19     | 25.30     | 23.08     | 24.86      | 6.46    | ppb   |
| Cadmium    | 111-1 | 0.94      | 0.94      | 0.72      | 0.87       | 15.05   | ppb   |
| Cadmium    | 106-1 | 11.31     | 10.21     | 8.01      | 9.84       | 17.07   | ppb   |
| Cadmium    | 108-1 | 5.77      | 5.29      | 4.86      | 5.31       | 8.57    | ppb   |
| Calcium    | 43-1  | 3964.32   | 4013.91   | 3976.56   | 3984.93    | 0.65    | ppb   |
| Calcium    | 44-1  | 4002.59   | 3991.07   | 3976.55   | 3990.07    | 0.33    | ppb   |
| Chromium   | 52-2  | 158.96    | 158.55    | 158.20    | 158.57     | 0.24    | ppb   |
| Cobalt     | 59-2  | 37.83     | 37.70     | 37.39     | 37.64      | 0.60    | ppb   |
| Copper     | 63-2  | 44.85     | 45.30     | 44.93     | 45.03      | 0.53    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 112        |         | %     |
| Holmium    | 165-2 |           |           |           | 108        |         | %     |
| Indium     | 115-1 |           |           |           | 105        |         | %     |
| Indium     | 115-2 |           |           |           | 103        |         | %     |
| Iron       | 56-2  | 136751.02 | 137494.84 | 135912.05 | 136719.30  | 0.58    | ppb   |
| Iron       | 57-2  | 136577.71 | 136630.42 | 135129.55 | 136112.56  | 0.63    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 69.80     | 70.27     | 70.23     | 70.10      | 0.37    | ppb   |
| Lead       | 207-1 | 63.48     | 64.43     | 63.82     | 63.91      | 0.75    | ppb   |
| Lead       | 208-1 | 66.72     | 66.69     | 66.80     | 66.73      | 0.08    | ppb   |
| Lithium    | 6-1   |           |           |           | 108        |         | %     |
| Magnesium  | 24-2  | 21377.49  | 21494.68  | 21359.73  | 21410.64   | 0.34    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-01            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-11(7-7.5)      | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 13:55:50 | DataFile Name :   | 024SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 509.09   | 508.60   | 504.27   | 507.32     | 0.52    | ppb   |
| Molybdenum | 94-1  | 61.29    | 61.29    | 60.95    | 61.17      | 0.32    | ppb   |
| Molybdenum | 95-1  | 2.03     | 1.89     | 1.96     | 1.96       | 3.56    | ppb   |
| Molybdenum | 96-1  | 10.00    | 9.78     | 9.89     | 9.89       | 1.15    | ppb   |
| Molybdenum | 97-1  | 1.94     | 2.05     | 1.85     | 1.95       | 5.02    | ppb   |
| Molybdenum | 98-1  | 1.95     | 2.04     | 1.92     | 1.97       | 3.21    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 107.41   | 106.50   | 105.92   | 106.61     | 0.70    | ppb   |
| Phosphorus | 31-2  | 3107.07  | 3143.40  | 3109.94  | 3120.14    | 0.65    | ppb   |
| Potassium  | 39-2  | 3320.20  | 3316.52  | 3314.03  | 3316.92    | 0.09    | ppb   |
| Rhodium    | 103-1 |          |          |          | 102        |         | %     |
| Rhodium    | 103-2 |          |          |          | 102        |         | %     |
| Scandium   | 45-1  |          |          |          | 112        |         | %     |
| Scandium   | 45-2  |          |          |          | 111        |         | %     |
| Selenium   | 77-2  | 24.71    | 29.70    | 32.13    | 28.85      | 13.11   | ppb   |
| Selenium   | 78-2  | 4.98     | 4.48     | 5.76     | 5.07       | 12.75   | ppb   |
| Selenium   | 82-1  | 1.32     | 1.40     | 1.37     | 1.37       | 3.14    | ppb   |
| Silicon    | 28-1  | 10049.71 | 10116.23 | 10085.01 | 10083.65   | 0.33    | ppb   |
| Silver     | 109-1 | 0.12     | 0.09     | 0.09     | 0.10       | 16.45   | ppb   |
| Silver     | 107-1 | 0.17     | 0.15     | 0.12     | 0.15       | 16.24   | ppb   |
| Sodium     | 23-2  | 329.60   | 330.42   | 324.67   | 328.23     | 0.95    | ppb   |
| Strontium  | 86-1  | 31.26    | 31.25    | 30.53    | 31.02      | 1.35    | ppb   |
| Strontium  | 88-1  | 31.18    | 30.92    | 30.90    | 31.00      | 0.50    | ppb   |
| Sulfur     | 34-1  | -1431.34 | -1658.22 | -1891.39 | -1660.31   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 110        |         | %     |
| Terbium    | 159-2 |          |          |          | 108        |         | %     |
| Thallium   | 203-1 | 0.52     | 0.53     | 0.48     | 0.51       | 5.28    | ppb   |
| Thallium   | 205-1 | 0.57     | 0.52     | 0.51     | 0.53       | 6.32    | ppb   |
| Thorium    | 232-1 | 26.62    | 26.82    | 26.65    | 26.69      | 0.40    | ppb   |
| Tin        | 118-1 | 0.49     | 0.53     | 0.52     | 0.51       | 4.34    | ppb   |
| Titanium   | 47-1  | 514.77   | 517.07   | 517.74   | 516.53     | 0.30    | ppb   |
| Uranium    | 238-1 | 5.06     | 5.12     | 5.04     | 5.07       | 0.79    | ppb   |
| Vanadium   | 51-2  | 209.87   | 207.92   | 209.70   | 209.16     | 0.52    | ppb   |
| Yttrium    | 89-1  |          |          |          | 123        |         | %     |
| Yttrium    | 89-2  |          |          |          | 122        |         | %     |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-01            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-11(7-7.5)      | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 13:55:50 | DataFile Name :   | 024SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 198.58  | 201.50  | 197.44  | 199.17     | 1.05    | ppb   |
| Zirconium | 90-1 | 38.13   | 38.17   | 38.05   | 38.12      | 0.16    | ppb   |
| Zirconium | 91-1 | 39.21   | 38.39   | 38.83   | 38.81      | 1.06    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-02            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-12(9.5-10)     | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 13:59:29 | DataFile Name :   | 025SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 80262.47  | 79248.62  | 79637.07  | 79716.05   | 0.64    | ppb   |
| Antimony   | 121-1 | 0.35      | 0.37      | 0.39      | 0.37       | 5.92    | ppb   |
| Arsenic    | 75-2  | 35.97     | 35.31     | 34.84     | 35.37      | 1.61    | ppb   |
| Barium     | 135-1 | 310.33    | 306.78    | 305.94    | 307.68     | 0.76    | ppb   |
| Barium     | 137-1 | 312.33    | 305.24    | 305.95    | 307.84     | 1.27    | ppb   |
| Beryllium  | 9-1   | 5.28      | 5.41      | 5.37      | 5.35       | 1.31    | ppb   |
| Bismuth    | 209-1 |           |           |           | 105        |         | %     |
| Bismuth    | 209-2 |           |           |           | 100        |         | %     |
| Boron      | 10-1  | 16.19     | 16.73     | 15.82     | 16.25      | 2.81    | ppb   |
| Boron      | 11-1  | 17.66     | 17.43     | 17.28     | 17.46      | 1.09    | ppb   |
| Cadmium    | 111-1 | 1.77      | 1.77      | 1.58      | 1.71       | 6.49    | ppb   |
| Cadmium    | 106-1 | 15.14     | 16.15     | 13.28     | 14.86      | 9.81    | ppb   |
| Cadmium    | 108-1 | 7.89      | 7.11      | 7.47      | 7.49       | 5.22    | ppb   |
| Calcium    | 43-1  | 3565.35   | 3521.71   | 3572.01   | 3553.02    | 0.77    | ppb   |
| Calcium    | 44-1  | 3592.00   | 3576.44   | 3546.78   | 3571.74    | 0.64    | ppb   |
| Chromium   | 52-2  | 146.85    | 146.61    | 146.48    | 146.65     | 0.12    | ppb   |
| Cobalt     | 59-2  | 83.28     | 83.89     | 84.00     | 83.72      | 0.47    | ppb   |
| Copper     | 63-2  | 163.19    | 161.25    | 162.45    | 162.30     | 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 |           |           |           | 110        |         | %     |
| Holmium    | 165-2 |           |           |           | 107        |         | %     |
| Indium     | 115-1 |           |           |           | 105        |         | %     |
| Indium     | 115-2 |           |           |           | 101        |         | %     |
| Iron       | 56-2  | 207122.31 | 206987.30 | 206218.29 | 206775.97  | 0.24    | ppb   |
| Iron       | 57-2  | 207211.57 | 205404.80 | 206595.70 | 206404.02  | 0.45    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 100.46    | 99.77     | 98.91     | 99.72      | 0.78    | ppb   |
| Lead       | 207-1 | 90.93     | 90.55     | 90.19     | 90.56      | 0.41    | ppb   |
| Lead       | 208-1 | 95.07     | 94.42     | 94.11     | 94.53      | 0.52    | ppb   |
| Lithium    | 6-1   |           |           |           | 108        |         | %     |
| Magnesium  | 24-2  | 37234.77  | 36937.50  | 37286.94  | 37153.07   | 0.51    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-02            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-12(9.5-10)     | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 13:59:29 | DataFile Name :   | 025SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 5019.47  | 4971.87  | 4983.43  | 4991.59    | 0.50    | ppb   |
| Molybdenum | 94-1  | 74.51    | 75.26    | 74.99    | 74.92      | 0.51    | ppb   |
| Molybdenum | 95-1  | 5.83     | 6.03     | 6.06     | 5.98       | 2.09    | ppb   |
| Molybdenum | 96-1  | 15.01    | 15.27    | 14.99    | 15.09      | 1.03    | ppb   |
| Molybdenum | 97-1  | 6.08     | 5.91     | 5.93     | 5.97       | 1.57    | ppb   |
| Molybdenum | 98-1  | 5.96     | 5.95     | 5.92     | 5.95       | 0.40    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 193.06   | 192.73   | 193.25   | 193.01     | 0.14    | ppb   |
| Phosphorus | 31-2  | 2463.38  | 2377.14  | 2338.67  | 2393.06    | 2.67    | ppb   |
| Potassium  | 39-2  | 5136.22  | 5138.75  | 5162.36  | 5145.78    | 0.28    | ppb   |
| Rhodium    | 103-1 |          |          |          | 101        |         | %     |
| Rhodium    | 103-2 |          |          |          | 99         |         | %     |
| Scandium   | 45-1  |          |          |          | 114        |         | %     |
| Scandium   | 45-2  |          |          |          | 110        |         | %     |
| Selenium   | 77-2  | 57.90    | 51.77    | 46.08    | 51.92      | 11.38   | ppb   |
| Selenium   | 78-2  | 9.87     | 9.10     | 9.99     | 9.65       | 5.02    | ppb   |
| Selenium   | 82-1  | 2.29     | 2.40     | 1.87     | 2.19       | 12.67   | ppb   |
| Silicon    | 28-1  | 14853.94 | 15051.96 | 14932.53 | 14946.14   | 0.67    | ppb   |
| Silver     | 109-1 | 0.13     | 0.13     | 0.14     | 0.13       | 4.41    | ppb   |
| Silver     | 107-1 | 0.19     | 0.21     | 0.19     | 0.20       | 4.94    | ppb   |
| Sodium     | 23-2  | 224.39   | 223.69   | 222.97   | 223.68     | 0.32    | ppb   |
| Strontium  | 86-1  | 35.18    | 34.89    | 35.32    | 35.13      | 0.62    | ppb   |
| Strontium  | 88-1  | 35.33    | 34.83    | 35.34    | 35.17      | 0.83    | ppb   |
| Sulfur     | 34-1  | -2783.36 | -2808.57 | -2852.64 | -2814.85   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 111        |         | %     |
| Terbium    | 159-2 |          |          |          | 107        |         | %     |
| Thallium   | 203-1 | 0.69     | 0.68     | 0.66     | 0.68       | 2.22    | ppb   |
| Thallium   | 205-1 | 0.71     | 0.69     | 0.71     | 0.70       | 1.56    | ppb   |
| Thorium    | 232-1 | 36.53    | 36.02    | 36.28    | 36.28      | 0.71    | ppb   |
| Tin        | 118-1 | 0.31     | 0.37     | 0.34     | 0.34       | 7.95    | ppb   |
| Titanium   | 47-1  | 351.48   | 355.10   | 348.69   | 351.75     | 0.91    | ppb   |
| Uranium    | 238-1 | 4.76     | 4.69     | 4.76     | 4.73       | 0.90    | ppb   |
| Vanadium   | 51-2  | 122.61   | 122.19   | 122.66   | 122.49     | 0.21    | ppb   |
| Yttrium    | 89-1  |          |          |          | 141        |         | %     |
| Yttrium    | 89-2  |          |          |          | 137        |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-02            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-12(9.5-10)     | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 13:59:29 | DataFile Name :   | 025SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 418.80  | 419.88  | 421.36  | 420.01     | 0.31    | ppb   |
| Zirconium | 90-1 | 45.28   | 45.12   | 45.02   | 45.14      | 0.28    | ppb   |
| Zirconium | 91-1 | 45.93   | 45.98   | 46.02   | 45.97      | 0.10    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-02DUP         | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-12(9.5-10)DUP  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 14:03:07 | DataFile Name :   | 026SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 77707.68  | 80853.58  | 79313.24  | 79291.50   | 1.98    | ppb   |
| Antimony   | 121-1 | 0.34      | 0.38      | 0.36      | 0.36       | 4.68    | ppb   |
| Arsenic    | 75-2  | 35.70     | 35.92     | 35.34     | 35.65      | 0.82    | ppb   |
| Barium     | 135-1 | 307.14    | 308.61    | 305.90    | 307.22     | 0.44    | ppb   |
| Barium     | 137-1 | 307.73    | 309.02    | 303.09    | 306.62     | 1.02    | ppb   |
| Beryllium  | 9-1   | 5.38      | 5.30      | 5.14      | 5.28       | 2.29    | ppb   |
| Bismuth    | 209-1 |           |           |           | 104        |         | %     |
| Bismuth    | 209-2 |           |           |           | 101        |         | %     |
| Boron      | 10-1  | 13.82     | 13.32     | 14.45     | 13.86      | 4.08    | ppb   |
| Boron      | 11-1  | 14.37     | 15.04     | 15.26     | 14.89      | 3.12    | ppb   |
| Cadmium    | 111-1 | 1.77      | 1.72      | 1.73      | 1.74       | 1.63    | ppb   |
| Cadmium    | 106-1 | 15.41     | 14.26     | 15.31     | 14.99      | 4.27    | ppb   |
| Cadmium    | 108-1 | 7.59      | 7.05      | 7.29      | 7.31       | 3.68    | ppb   |
| Calcium    | 43-1  | 3549.42   | 3510.39   | 3552.32   | 3537.38    | 0.66    | ppb   |
| Calcium    | 44-1  | 3580.72   | 3573.13   | 3582.34   | 3578.73    | 0.14    | ppb   |
| Chromium   | 52-2  | 142.61    | 148.46    | 146.08    | 145.71     | 2.02    | ppb   |
| Cobalt     | 59-2  | 81.28     | 84.93     | 83.15     | 83.12      | 2.19    | ppb   |
| Copper     | 63-2  | 158.70    | 164.82    | 161.34    | 161.62     | 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 |           |           |           | 109        |         | %     |
| Holmium    | 165-2 |           |           |           | 108        |         | %     |
| Indium     | 115-1 |           |           |           | 103        |         | %     |
| Indium     | 115-2 |           |           |           | 102        |         | %     |
| Iron       | 56-2  | 201464.46 | 210006.41 | 206557.83 | 206009.57  | 2.09    | ppb   |
| Iron       | 57-2  | 201471.61 | 209080.68 | 205227.95 | 205260.08  | 1.85    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 100.25    | 99.67     | 100.69    | 100.21     | 0.51    | ppb   |
| Lead       | 207-1 | 91.40     | 91.38     | 91.66     | 91.48      | 0.17    | ppb   |
| Lead       | 208-1 | 95.29     | 94.90     | 95.14     | 95.11      | 0.21    | ppb   |
| Lithium    | 6-1   |           |           |           | 107        |         | %     |
| Magnesium  | 24-2  | 36269.68  | 37522.95  | 36921.37  | 36904.67   | 1.70    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-02DUP         | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-12(9.5-10)DUP  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 14:03:07 | DataFile Name :   | 026SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 4784.12  | 4969.47  | 4873.11  | 4875.57    | 1.90    | ppb   |
| Molybdenum | 94-1  | 77.32    | 77.23    | 77.68    | 77.41      | 0.31    | ppb   |
| Molybdenum | 95-1  | 6.29     | 6.32     | 6.22     | 6.28       | 0.81    | ppb   |
| Molybdenum | 96-1  | 15.73    | 15.38    | 15.29    | 15.47      | 1.50    | ppb   |
| Molybdenum | 97-1  | 6.16     | 6.33     | 6.11     | 6.20       | 1.85    | ppb   |
| Molybdenum | 98-1  | 6.21     | 6.10     | 6.15     | 6.15       | 0.92    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 188.42   | 194.54   | 190.95   | 191.30     | 1.61    | ppb   |
| Phosphorus | 31-2  | 2437.35  | 2381.74  | 2362.59  | 2393.89    | 1.62    | ppb   |
| Potassium  | 39-2  | 5129.81  | 5255.84  | 5156.44  | 5180.69    | 1.28    | ppb   |
| Rhodium    | 103-1 |          |          |          | 100        |         | %     |
| Rhodium    | 103-2 |          |          |          | 100        |         | %     |
| Scandium   | 45-1  |          |          |          | 112        |         | %     |
| Scandium   | 45-2  |          |          |          | 111        |         | %     |
| Selenium   | 77-2  | 49.59    | 45.14    | 45.42    | 46.72      | 5.33    | ppb   |
| Selenium   | 78-2  | 8.71     | 7.96     | 9.38     | 8.69       | 8.17    | ppb   |
| Selenium   | 82-1  | 1.69     | 2.07     | 2.09     | 1.95       | 11.41   | ppb   |
| Silicon    | 28-1  | 14890.12 | 15047.05 | 15095.34 | 15010.83   | 0.71    | ppb   |
| Silver     | 109-1 | 0.14     | 0.13     | 0.13     | 0.14       | 4.96    | ppb   |
| Silver     | 107-1 | 0.23     | 0.20     | 0.19     | 0.21       | 9.04    | ppb   |
| Sodium     | 23-2  | 217.11   | 224.60   | 221.58   | 221.10     | 1.70    | ppb   |
| Strontium  | 86-1  | 35.03    | 34.92    | 35.05    | 35.00      | 0.21    | ppb   |
| Strontium  | 88-1  | 35.03    | 35.15    | 34.94    | 35.04      | 0.30    | ppb   |
| Sulfur     | 34-1  | -2767.41 | -2752.73 | -2703.56 | -2741.23   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 109        |         | %     |
| Terbium    | 159-2 |          |          |          | 108        |         | %     |
| Thallium   | 203-1 | 0.69     | 0.69     | 0.66     | 0.68       | 2.59    | ppb   |
| Thallium   | 205-1 | 0.69     | 0.67     | 0.68     | 0.68       | 1.26    | ppb   |
| Thorium    | 232-1 | 36.37    | 35.90    | 36.40    | 36.22      | 0.77    | ppb   |
| Tin        | 118-1 | 0.32     | 0.36     | 0.34     | 0.34       | 6.55    | ppb   |
| Titanium   | 47-1  | 362.04   | 360.88   | 359.56   | 360.83     | 0.34    | ppb   |
| Uranium    | 238-1 | 4.71     | 4.69     | 4.78     | 4.73       | 1.03    | ppb   |
| Vanadium   | 51-2  | 119.72   | 123.44   | 121.61   | 121.59     | 1.53    | ppb   |
| Yttrium    | 89-1  |          |          |          | 139        |         | %     |
| Yttrium    | 89-2  |          |          |          | 138        |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-02DUP         | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-12(9.5-10)DUP  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 14:03:07 | DataFile Name :   | 026SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 404.73  | 419.28  | 417.76  | 413.93     | 1.93    | ppb   |
| Zirconium | 90-1 | 46.08   | 46.03   | 45.70   | 45.94      | 0.45    | ppb   |
| Zirconium | 91-1 | 47.09   | 46.92   | 47.24   | 47.08      | 0.34    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-02LX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-12(9.5-10)L    | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 14:06:46 | DataFile Name :   | 027SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 16478.74 | 16570.00 | 16512.96 | 16520.57   | 0.28    | ppb   |
| Antimony   | 121-1 | 0.07     | 0.07     | 0.09     | 0.08       | 15.79   | ppb   |
| Arsenic    | 75-2  | 8.60     | 8.41     | 8.82     | 8.61       | 2.42    | ppb   |
| Barium     | 135-1 | 61.44    | 60.39    | 61.06    | 60.96      | 0.87    | ppb   |
| Barium     | 137-1 | 61.79    | 61.32    | 61.20    | 61.44      | 0.51    | ppb   |
| Beryllium  | 9-1   | 1.06     | 1.17     | 1.11     | 1.12       | 4.70    | ppb   |
| Bismuth    | 209-1 |          |          |          | 108        |         | %     |
| Bismuth    | 209-2 |          |          |          | 103        |         | %     |
| Boron      | 10-1  | 6.02     | 6.15     | 5.27     | 5.81       | 8.16    | ppb   |
| Boron      | 11-1  | 5.59     | 6.35     | 5.51     | 5.81       | 7.94    | ppb   |
| Cadmium    | 111-1 | 0.21     | 0.24     | 0.26     | 0.24       | 10.13   | ppb   |
| Cadmium    | 106-1 | 1.09     | 1.41     | 1.36     | 1.28       | 13.41   | ppb   |
| Cadmium    | 108-1 | 1.34     | 1.41     | 1.06     | 1.27       | 14.38   | ppb   |
| Calcium    | 43-1  | 751.83   | 743.26   | 752.17   | 749.09     | 0.67    | ppb   |
| Calcium    | 44-1  | 740.13   | 761.53   | 754.30   | 751.99     | 1.45    | ppb   |
| Chromium   | 52-2  | 31.15    | 31.07    | 30.64    | 30.95      | 0.88    | ppb   |
| Cobalt     | 59-2  | 17.76    | 17.57    | 17.93    | 17.75      | 1.00    | ppb   |
| Copper     | 63-2  | 35.02    | 34.72    | 35.37    | 35.04      | 0.92    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 109        |         | %     |
| Holmium    | 165-2 |          |          |          | 107        |         | %     |
| Indium     | 115-1 |          |          |          | 106        |         | %     |
| Indium     | 115-2 |          |          |          | 104        |         | %     |
| Iron       | 56-2  | 43560.38 | 43201.09 | 43409.21 | 43390.23   | 0.42    | ppb   |
| Iron       | 57-2  | 42738.37 | 42378.03 | 42416.25 | 42510.89   | 0.47    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 19.18    | 19.55    | 19.23    | 19.32      | 1.05    | ppb   |
| Lead       | 207-1 | 17.54    | 17.86    | 17.41    | 17.60      | 1.30    | ppb   |
| Lead       | 208-1 | 18.20    | 18.49    | 18.14    | 18.28      | 1.02    | ppb   |
| Lithium    | 6-1   |          |          |          | 104        |         | %     |
| Magnesium  | 24-2  | 7732.49  | 7639.32  | 7674.27  | 7682.03    | 0.61    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-02LX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-12(9.5-10)L    | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 14:06:46 | DataFile Name :   | 027SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 1033.17  | 1023.08  | 1030.46  | 1028.90    | 0.51    | ppb   |
| Molybdenum | 94-1  | 18.22    | 18.26    | 18.25    | 18.24      | 0.11    | ppb   |
| Molybdenum | 95-1  | 1.44     | 1.44     | 1.52     | 1.46       | 3.09    | ppb   |
| Molybdenum | 96-1  | 3.84     | 3.77     | 3.64     | 3.75       | 2.79    | ppb   |
| Molybdenum | 97-1  | 1.35     | 1.52     | 1.43     | 1.43       | 5.84    | ppb   |
| Molybdenum | 98-1  | 1.44     | 1.47     | 1.45     | 1.45       | 0.97    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 40.52    | 40.78    | 40.56    | 40.62      | 0.35    | ppb   |
| Phosphorus | 31-2  | 486.94   | 509.89   | 503.95   | 500.26     | 2.38    | ppb   |
| Potassium  | 39-2  | 1100.25  | 1079.06  | 1077.10  | 1085.47    | 1.18    | ppb   |
| Rhodium    | 103-1 |          |          |          | 103        |         | %     |
| Rhodium    | 103-2 |          |          |          | 103        |         | %     |
| Scandium   | 45-1  |          |          |          | 106        |         | %     |
| Scandium   | 45-2  |          |          |          | 106        |         | %     |
| Selenium   | 77-2  | 16.39    | 12.99    | 16.21    | 15.19      | 12.58   | ppb   |
| Selenium   | 78-2  | 2.97     | 2.96     | 2.79     | 2.91       | 3.54    | ppb   |
| Selenium   | 82-1  | 0.58     | 0.47     | 0.51     | 0.52       | 10.35   | ppb   |
| Silicon    | 28-1  | 3151.46  | 3193.88  | 3194.71  | 3180.02    | 0.78    | ppb   |
| Silver     | 109-1 | 0.02     | 0.03     | 0.02     | 0.02       | 16.63   | ppb   |
| Silver     | 107-1 | 0.05     | 0.04     | 0.05     | 0.05       | 16.82   | ppb   |
| Sodium     | 23-2  | 52.36    | 53.17    | 51.11    | 52.21      | 1.99    | ppb   |
| Strontium  | 86-1  | 8.46     | 8.70     | 8.36     | 8.51       | 2.02    | ppb   |
| Strontium  | 88-1  | 8.45     | 8.51     | 8.53     | 8.50       | 0.51    | ppb   |
| Sulfur     | 34-1  | -2271.97 | -2184.08 | -2322.16 | -2259.40   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 109        |         | %     |
| Terbium    | 159-2 |          |          |          | 107        |         | %     |
| Thallium   | 203-1 | 0.14     | 0.14     | 0.16     | 0.15       | 5.66    | ppb   |
| Thallium   | 205-1 | 0.14     | 0.13     | 0.14     | 0.13       | 3.16    | ppb   |
| Thorium    | 232-1 | 6.77     | 6.94     | 6.82     | 6.84       | 1.25    | ppb   |
| Tin        | 118-1 | 0.05     | 0.11     | 0.10     | 0.09       | 36.28   | ppb   |
| Titanium   | 47-1  | 73.98    | 76.82    | 72.36    | 74.39      | 3.04    | ppb   |
| Uranium    | 238-1 | 0.90     | 0.90     | 0.87     | 0.89       | 1.80    | ppb   |
| Vanadium   | 51-2  | 25.43    | 25.33    | 25.61    | 25.46      | 0.55    | ppb   |
| Yttrium    | 89-1  |          |          |          | 113        |         | %     |
| Yttrium    | 89-2  |          |          |          | 111        |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-02LX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-12(9.5-10)L    | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 14:06:46 | DataFile Name :   | 027SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 92.97   | 91.83   | 91.40   | 92.07      | 0.88    | ppb   |
| Zirconium | 90-1 | 10.87   | 10.93   | 10.85   | 10.88      | 0.38    | ppb   |
| Zirconium | 91-1 | 11.28   | 11.01   | 11.32   | 11.20      | 1.51    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-02MS          | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-12(9.5-10)MS   | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 14:10:23 | DataFile Name :   | 028SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 96868.15  | 96324.78  | 96917.62  | 96703.52   | 0.34    | ppb   |
| Antimony   | 121-1 | 182.63    | 181.24    | 179.96    | 181.28     | 0.74    | ppb   |
| Arsenic    | 75-2  | 387.39    | 385.25    | 387.87    | 386.84     | 0.36    | ppb   |
| Barium     | 135-1 | 3044.64   | 3041.47   | 3016.23   | 3034.12    | 0.51    | ppb   |
| Barium     | 137-1 | 3054.05   | 3051.76   | 3017.09   | 3040.96    | 0.68    | ppb   |
| Beryllium  | 9-1   | 526.98    | 520.94    | 521.87    | 523.26     | 0.62    | ppb   |
| Bismuth    | 209-1 |           |           |           | 96         |         | %     |
| Bismuth    | 209-2 |           |           |           | 93         |         | %     |
| Boron      | 10-1  | 492.29    | 496.75    | 497.22    | 495.42     | 0.55    | ppb   |
| Boron      | 11-1  | 496.83    | 496.11    | 501.26    | 498.07     | 0.56    | ppb   |
| Cadmium    | 111-1 | 480.37    | 471.03    | 466.99    | 472.79     | 1.45    | ppb   |
| Cadmium    | 106-1 | 507.31    | 509.39    | 493.93    | 503.54     | 1.67    | ppb   |
| Cadmium    | 108-1 | 494.73    | 485.08    | 480.18    | 486.66     | 1.52    | ppb   |
| Calcium    | 43-1  | 52986.19  | 52899.84  | 52413.59  | 52766.54   | 0.59    | ppb   |
| Calcium    | 44-1  | 52987.96  | 52743.49  | 52561.86  | 52764.44   | 0.41    | ppb   |
| Chromium   | 52-2  | 630.20    | 623.04    | 624.22    | 625.82     | 0.61    | ppb   |
| Cobalt     | 59-2  | 582.03    | 571.64    | 574.89    | 576.19     | 0.92    | ppb   |
| Copper     | 63-2  | 1029.97   | 1016.59   | 1026.07   | 1024.21    | 0.67    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 102        |         | %     |
| Holmium    | 165-2 |           |           |           | 102        |         | %     |
| Indium     | 115-1 |           |           |           | 94         |         | %     |
| Indium     | 115-2 |           |           |           | 94         |         | %     |
| Iron       | 56-2  | 225515.02 | 221579.74 | 224826.49 | 223973.75  | 0.94    | ppb   |
| Iron       | 57-2  | 224860.91 | 221174.74 | 222547.09 | 222860.91  | 0.84    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 659.23    | 651.89    | 656.12    | 655.75     | 0.56    | ppb   |
| Lead       | 207-1 | 635.21    | 631.09    | 628.44    | 631.58     | 0.54    | ppb   |
| Lead       | 208-1 | 649.85    | 645.80    | 642.73    | 646.13     | 0.55    | ppb   |
| Lithium    | 6-1   |           |           |           | 98         |         | %     |
| Magnesium  | 24-2  | 91130.35  | 90800.23  | 91389.73  | 91106.77   | 0.32    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-02MS          | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-12(9.5-10)MS   | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 14:10:23 | DataFile Name :   | 028SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 5598.67  | 5529.04  | 5553.72  | 5560.48    | 0.63    | ppb   |
| Molybdenum | 94-1  | 2198.90  | 2168.22  | 2179.81  | 2182.31    | 0.71    | ppb   |
| Molybdenum | 95-1  | 2069.18  | 2055.57  | 2064.46  | 2063.07    | 0.33    | ppb   |
| Molybdenum | 96-1  | 2074.61  | 2064.01  | 2077.39  | 2072.00    | 0.34    | ppb   |
| Molybdenum | 97-1  | 2052.10  | 2055.45  | 2066.68  | 2058.08    | 0.37    | ppb   |
| Molybdenum | 98-1  | 2057.08  | 2041.36  | 2058.46  | 2052.30    | 0.46    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 685.20   | 674.63   | 681.57   | 680.46     | 0.79    | ppb   |
| Phosphorus | 31-2  | 2467.80  | 2333.84  | 2419.31  | 2406.98    | 2.82    | ppb   |
| Potassium  | 39-2  | 29062.70 | 29132.97 | 29279.86 | 29158.51   | 0.38    | ppb   |
| Rhodium    | 103-1 |          |          |          | 89         |         | %     |
| Rhodium    | 103-2 |          |          |          | 91         |         | %     |
| Scandium   | 45-1  |          |          |          | 103        |         | %     |
| Scandium   | 45-2  |          |          |          | 105        |         | %     |
| Selenium   | 77-2  | 359.42   | 369.45   | 353.54   | 360.80     | 2.23    | ppb   |
| Selenium   | 78-2  | 306.59   | 318.37   | 315.97   | 313.64     | 1.98    | ppb   |
| Selenium   | 82-1  | 317.56   | 311.65   | 311.06   | 313.42     | 1.15    | ppb   |
| Silicon    | 28-1  | 16962.97 | 16938.36 | 16944.54 | 16948.62   | 0.08    | ppb   |
| Silver     | 109-1 | 490.31   | 488.46   | 478.00   | 485.59     | 1.37    | ppb   |
| Silver     | 107-1 | 489.49   | 483.91   | 479.51   | 484.30     | 1.03    | ppb   |
| Sodium     | 23-2  | 54946.03 | 54723.99 | 55228.10 | 54966.04   | 0.46    | ppb   |
| Strontium  | 86-1  | 451.86   | 449.31   | 456.47   | 452.55     | 0.80    | ppb   |
| Strontium  | 88-1  | 455.26   | 452.64   | 454.57   | 454.16     | 0.30    | ppb   |
| Sulfur     | 34-1  | -1860.40 | -2105.07 | -2108.08 | -2024.52   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 103        |         | %     |
| Terbium    | 159-2 |          |          |          | 102        |         | %     |
| Thallium   | 203-1 | 540.42   | 530.42   | 537.20   | 536.01     | 0.95    | ppb   |
| Thallium   | 205-1 | 547.38   | 539.52   | 545.26   | 544.05     | 0.75    | ppb   |
| Thorium    | 232-1 | 39.15    | 38.40    | 38.50    | 38.68      | 1.05    | ppb   |
| Tin        | 118-1 | 285.05   | 281.73   | 278.81   | 281.86     | 1.11    | ppb   |
| Titanium   | 47-1  | 2646.82  | 2611.67  | 2630.19  | 2629.56    | 0.67    | ppb   |
| Uranium    | 238-1 | 540.86   | 542.49   | 546.04   | 543.13     | 0.49    | ppb   |
| Vanadium   | 51-2  | 609.56   | 605.05   | 605.37   | 606.66     | 0.42    | ppb   |
| Yttrium    | 89-1  |          |          |          | 129        |         | %     |
| Yttrium    | 89-2  |          |          |          | 130        |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-02MS          | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-12(9.5-10)MS   | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 14:10:23 | DataFile Name :   | 028SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 1218.42 | 1221.66 | 1221.42 | 1220.50    | 0.15    | ppb   |
| Zirconium | 90-1 | 491.03  | 489.49  | 490.62  | 490.38     | 0.16    | ppb   |
| Zirconium | 91-1 | 489.66  | 486.30  | 484.18  | 486.71     | 0.57    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-02MSD         | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-12(9.5-10)MSD  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 14:14:03 | DataFile Name :   | 029SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 101698.64 | 101317.14 | 100943.43 | 101319.74  | 0.37    | ppb   |
| Antimony   | 121-1 | 178.08    | 176.67    | 178.50    | 177.75     | 0.54    | ppb   |
| Arsenic    | 75-2  | 399.80    | 398.73    | 396.10    | 398.21     | 0.48    | ppb   |
| Barium     | 135-1 | 3161.65   | 3161.98   | 3170.43   | 3164.68    | 0.16    | ppb   |
| Barium     | 137-1 | 3176.62   | 3174.46   | 3194.82   | 3181.96    | 0.35    | ppb   |
| Beryllium  | 9-1   | 535.06    | 534.50    | 537.72    | 535.76     | 0.32    | ppb   |
| Bismuth    | 209-1 |           |           |           | 95         |         | %     |
| Bismuth    | 209-2 |           |           |           | 92         |         | %     |
| Boron      | 10-1  | 516.41    | 522.86    | 533.39    | 524.22     | 1.63    | ppb   |
| Boron      | 11-1  | 519.81    | 528.96    | 530.55    | 526.44     | 1.10    | ppb   |
| Cadmium    | 111-1 | 489.76    | 481.46    | 487.36    | 486.19     | 0.88    | ppb   |
| Cadmium    | 106-1 | 523.67    | 513.72    | 524.80    | 520.73     | 1.17    | ppb   |
| Cadmium    | 108-1 | 507.27    | 499.54    | 506.96    | 504.59     | 0.87    | ppb   |
| Calcium    | 43-1  | 54113.11  | 54139.91  | 54140.89  | 54131.30   | 0.03    | ppb   |
| Calcium    | 44-1  | 54272.80  | 54223.93  | 54123.18  | 54206.64   | 0.14    | ppb   |
| Chromium   | 52-2  | 639.47    | 638.15    | 641.56    | 639.73     | 0.27    | ppb   |
| Cobalt     | 59-2  | 583.89    | 583.26    | 584.02    | 583.73     | 0.07    | ppb   |
| Copper     | 63-2  | 1058.72   | 1055.76   | 1058.99   | 1057.83    | 0.17    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 102        |         | %     |
| Holmium    | 165-2 |           |           |           | 100        |         | %     |
| Indium     | 115-1 |           |           |           | 94         |         | %     |
| Indium     | 115-2 |           |           |           | 92         |         | %     |
| Iron       | 56-2  | 232476.67 | 231217.33 | 231019.51 | 231571.17  | 0.34    | ppb   |
| Iron       | 57-2  | 230676.08 | 231189.85 | 230244.62 | 230703.52  | 0.21    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 670.43    | 668.03    | 665.46    | 667.97     | 0.37    | ppb   |
| Lead       | 207-1 | 642.59    | 642.40    | 640.98    | 641.99     | 0.14    | ppb   |
| Lead       | 208-1 | 659.50    | 662.38    | 658.64    | 660.18     | 0.30    | ppb   |
| Lithium    | 6-1   |           |           |           | 99         |         | %     |
| Magnesium  | 24-2  | 91669.52  | 90978.94  | 90857.50  | 91168.65   | 0.48    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-02MSD         | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-12(9.5-10)MSD  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 14:14:03 | DataFile Name :   | 029SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 5760.30  | 5740.53  | 5745.83  | 5748.89    | 0.18    | ppb   |
| Molybdenum | 94-1  | 2234.22  | 2247.37  | 2230.43  | 2237.34    | 0.40    | ppb   |
| Molybdenum | 95-1  | 2098.88  | 2108.17  | 2100.42  | 2102.49    | 0.24    | ppb   |
| Molybdenum | 96-1  | 2118.11  | 2137.25  | 2121.71  | 2125.69    | 0.48    | ppb   |
| Molybdenum | 97-1  | 2105.98  | 2121.45  | 2095.17  | 2107.53    | 0.63    | ppb   |
| Molybdenum | 98-1  | 2099.52  | 2113.36  | 2094.83  | 2102.57    | 0.46    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 691.64   | 693.81   | 690.76   | 692.07     | 0.23    | ppb   |
| Phosphorus | 31-2  | 2578.76  | 2610.88  | 2502.10  | 2563.91    | 2.18    | ppb   |
| Potassium  | 39-2  | 30917.22 | 30648.86 | 30500.85 | 30688.98   | 0.69    | ppb   |
| Rhodium    | 103-1 |          |          |          | 90         |         | %     |
| Rhodium    | 103-2 |          |          |          | 89         |         | %     |
| Scandium   | 45-1  |          |          |          | 104        |         | %     |
| Scandium   | 45-2  |          |          |          | 103        |         | %     |
| Selenium   | 77-2  | 366.96   | 355.46   | 355.35   | 359.26     | 1.86    | ppb   |
| Selenium   | 78-2  | 321.91   | 330.15   | 321.35   | 324.47     | 1.52    | ppb   |
| Selenium   | 82-1  | 321.00   | 319.93   | 320.29   | 320.41     | 0.17    | ppb   |
| Silicon    | 28-1  | 14019.80 | 13958.30 | 14002.95 | 13993.69   | 0.23    | ppb   |
| Silver     | 109-1 | 504.17   | 495.16   | 503.02   | 500.79     | 0.98    | ppb   |
| Silver     | 107-1 | 497.99   | 493.81   | 502.63   | 498.15     | 0.89    | ppb   |
| Sodium     | 23-2  | 56699.42 | 56210.33 | 56390.96 | 56433.57   | 0.44    | ppb   |
| Strontium  | 86-1  | 462.53   | 467.16   | 462.96   | 464.22     | 0.55    | ppb   |
| Strontium  | 88-1  | 466.20   | 469.42   | 461.73   | 465.78     | 0.83    | ppb   |
| Sulfur     | 34-1  | -1832.15 | -1886.78 | -1799.55 | -1839.50   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 102        |         | %     |
| Terbium    | 159-2 |          |          |          | 100        |         | %     |
| Thallium   | 203-1 | 551.54   | 546.77   | 547.04   | 548.45     | 0.49    | ppb   |
| Thallium   | 205-1 | 563.73   | 560.87   | 557.78   | 560.79     | 0.53    | ppb   |
| Thorium    | 232-1 | 57.37    | 56.66    | 57.39    | 57.14      | 0.73    | ppb   |
| Tin        | 118-1 | 309.74   | 305.15   | 310.69   | 308.53     | 0.96    | ppb   |
| Titanium   | 47-1  | 2741.16  | 2723.24  | 2729.84  | 2731.41    | 0.33    | ppb   |
| Uranium    | 238-1 | 554.26   | 555.02   | 553.74   | 554.34     | 0.12    | ppb   |
| Vanadium   | 51-2  | 632.88   | 626.64   | 629.15   | 629.56     | 0.50    | ppb   |
| Yttrium    | 89-1  |          |          |          | 130        |         | %     |
| Yttrium    | 89-2  |          |          |          | 128        |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-02MSD         | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-12(9.5-10)MSD  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 14:14:03 | DataFile Name :   | 029SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 1247.91 | 1250.01 | 1237.98 | 1245.30    | 0.52    | ppb   |
| Zirconium | 90-1 | 504.49  | 508.04  | 508.29  | 506.94     | 0.42    | ppb   |
| Zirconium | 91-1 | 498.49  | 503.63  | 502.19  | 501.44     | 0.53    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-02A           | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-12(9.5-10)A    | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 14:17:40 | DataFile Name :   | 030SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 99701.38  | 97587.23  | 96300.24  | 97862.95   | 1.75    | ppb   |
| Antimony   | 121-1 | 172.19    | 202.92    | 181.88    | 185.66     | 8.46    | ppb   |
| Arsenic    | 75-2  | 389.24    | 382.96    | 382.83    | 385.01     | 0.95    | ppb   |
| Barium     | 135-1 | 2919.89   | 3473.64   | 3112.31   | 3168.61    | 8.87    | ppb   |
| Barium     | 137-1 | 2914.38   | 3489.29   | 3137.47   | 3180.38    | 9.11    | ppb   |
| Beryllium  | 9-1   | 505.21    | 573.71    | 526.35    | 535.09     | 6.55    | ppb   |
| Bismuth    | 209-1 |           |           |           | 94         |         | %     |
| Bismuth    | 209-2 |           |           |           | 93         |         | %     |
| Boron      | 10-1  | 484.67    | 561.34    | 520.40    | 522.14     | 7.35    | ppb   |
| Boron      | 11-1  | 490.16    | 568.38    | 531.10    | 529.88     | 7.38    | ppb   |
| Cadmium    | 111-1 | 453.80    | 532.73    | 474.71    | 487.08     | 8.40    | ppb   |
| Cadmium    | 106-1 | 487.85    | 569.52    | 515.66    | 524.34     | 7.92    | ppb   |
| Cadmium    | 108-1 | 471.76    | 555.36    | 497.70    | 508.27     | 8.42    | ppb   |
| Calcium    | 43-1  | 50630.49  | 59083.17  | 53116.13  | 54276.60   | 8.00    | ppb   |
| Calcium    | 44-1  | 50717.86  | 58992.95  | 53463.48  | 54391.43   | 7.75    | ppb   |
| Chromium   | 52-2  | 637.93    | 629.77    | 615.07    | 627.59     | 1.85    | ppb   |
| Cobalt     | 59-2  | 586.89    | 574.09    | 562.74    | 574.57     | 2.10    | ppb   |
| Copper     | 63-2  | 1047.32   | 1029.18   | 1006.32   | 1027.61    | 2.00    | 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 |           |           |           | 102        |         | %     |
| Holmium    | 165-2 |           |           |           | 102        |         | %     |
| Indium     | 115-1 |           |           |           | 92         |         | %     |
| Indium     | 115-2 |           |           |           | 94         |         | %     |
| Iron       | 56-2  | 230597.85 | 225257.42 | 220816.61 | 225557.29  | 2.17    | ppb   |
| Iron       | 57-2  | 229729.88 | 224128.33 | 219000.81 | 224286.34  | 2.39    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 624.79    | 739.67    | 660.18    | 674.88     | 8.72    | ppb   |
| Lead       | 207-1 | 601.35    | 713.25    | 635.32    | 649.97     | 8.83    | ppb   |
| Lead       | 208-1 | 616.01    | 729.12    | 651.51    | 665.55     | 8.69    | ppb   |
| Lithium    | 6-1   |           |           |           | 98         |         | %     |
| Magnesium  | 24-2  | 93085.79  | 91224.11  | 89326.96  | 91212.29   | 2.06    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-02A           | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-12(9.5-10)A    | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 14:17:40 | DataFile Name :   | 030SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 5723.56  | 5595.72  | 5495.71  | 5605.00    | 2.04    | ppb   |
| Molybdenum | 94-1  | 2104.92  | 2386.36  | 2221.75  | 2237.68    | 6.32    | ppb   |
| Molybdenum | 95-1  | 1996.69  | 2244.94  | 2093.37  | 2111.67    | 5.93    | ppb   |
| Molybdenum | 96-1  | 2010.55  | 2268.44  | 2115.07  | 2131.36    | 6.09    | ppb   |
| Molybdenum | 97-1  | 1993.94  | 2248.81  | 2090.30  | 2111.02    | 6.10    | ppb   |
| Molybdenum | 98-1  | 1989.75  | 2244.20  | 2082.29  | 2105.41    | 6.12    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 693.30   | 678.19   | 665.95   | 679.15     | 2.02    | ppb   |
| Phosphorus | 31-2  | 2428.73  | 2423.36  | 2282.44  | 2378.18    | 3.49    | ppb   |
| Potassium  | 39-2  | 30152.50 | 29620.21 | 28942.43 | 29571.71   | 2.05    | ppb   |
| Rhodium    | 103-1 |          |          |          | 88         |         | %     |
| Rhodium    | 103-2 |          |          |          | 91         |         | %     |
| Scandium   | 45-1  |          |          |          | 102        |         | %     |
| Scandium   | 45-2  |          |          |          | 105        |         | %     |
| Selenium   | 77-2  | 344.96   | 361.50   | 339.90   | 348.79     | 3.24    | ppb   |
| Selenium   | 78-2  | 318.76   | 318.30   | 316.08   | 317.71     | 0.45    | ppb   |
| Selenium   | 82-1  | 301.09   | 337.20   | 316.77   | 318.36     | 5.69    | ppb   |
| Silicon    | 28-1  | 15547.19 | 18243.85 | 16521.58 | 16770.87   | 8.14    | ppb   |
| Silver     | 109-1 | 471.52   | 549.88   | 491.85   | 504.42     | 8.06    | ppb   |
| Silver     | 107-1 | 464.99   | 551.13   | 492.18   | 502.77     | 8.76    | ppb   |
| Sodium     | 23-2  | 56438.23 | 55395.87 | 54255.31 | 55363.14   | 1.97    | ppb   |
| Strontium  | 86-1  | 439.09   | 492.85   | 461.55   | 464.49     | 5.81    | ppb   |
| Strontium  | 88-1  | 440.62   | 495.74   | 460.35   | 465.57     | 6.00    | ppb   |
| Sulfur     | 34-1  | -2096.61 | -1262.97 | -1794.93 | -1718.17   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 101        |         | %     |
| Terbium    | 159-2 |          |          |          | 102        |         | %     |
| Thallium   | 203-1 | 508.01   | 606.73   | 544.77   | 553.17     | 9.02    | ppb   |
| Thallium   | 205-1 | 519.63   | 616.07   | 551.37   | 562.36     | 8.74    | ppb   |
| Thorium    | 232-1 | 41.52    | 49.42    | 44.05    | 45.00      | 8.97    | ppb   |
| Tin        | 118-1 | 275.49   | 324.42   | 290.67   | 296.86     | 8.44    | ppb   |
| Titanium   | 47-1  | 2524.75  | 2976.82  | 2697.31  | 2732.96    | 8.35    | ppb   |
| Uranium    | 238-1 | 513.86   | 611.59   | 547.92   | 557.79     | 8.89    | ppb   |
| Vanadium   | 51-2  | 621.92   | 613.62   | 597.11   | 610.88     | 2.07    | ppb   |
| Yttrium    | 89-1  |          |          |          | 128        |         | %     |
| Yttrium    | 89-2  |          |          |          | 130        |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-02A           | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-12(9.5-10)A    | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 14:17:40 | DataFile Name :   | 030SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 1238.75 | 1222.77 | 1188.84 | 1216.79    | 2.09    | ppb   |
| Zirconium | 90-1 | 471.51  | 535.90  | 496.79  | 501.40     | 6.47    | ppb   |
| Zirconium | 91-1 | 472.71  | 533.86  | 495.04  | 500.54     | 6.18    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB103076            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV18               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV18               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2019-05-29 14:29:29 | DataFile Name :   | 031CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 55074.18  | 55174.20  | 55167.93  | 55138.77   | 0.10    | ppb   |
| Antimony   | 121-1 | 526.37    | 506.43    | 517.88    | 516.89     | 1.94    | ppb   |
| Arsenic    | 75-2  | 523.72    | 516.93    | 518.47    | 519.70     | 0.69    | ppb   |
| Barium     | 135-1 | 2675.67   | 2560.84   | 2641.16   | 2625.89    | 2.24    | ppb   |
| Barium     | 137-1 | 2698.39   | 2613.19   | 2665.15   | 2658.91    | 1.62    | ppb   |
| Beryllium  | 9-1   | 534.26    | 520.42    | 522.33    | 525.67     | 1.43    | ppb   |
| Bismuth    | 209-1 |           |           |           | 92         |         | %     |
| Bismuth    | 209-2 |           |           |           | 88         |         | %     |
| Boron      | 10-1  | 515.03    | 504.37    | 520.25    | 513.22     | 1.58    | ppb   |
| Boron      | 11-1  | 520.85    | 510.54    | 524.32    | 518.57     | 1.38    | ppb   |
| Cadmium    | 111-1 | 525.87    | 502.45    | 512.52    | 513.61     | 2.29    | ppb   |
| Cadmium    | 106-1 | 528.73    | 516.48    | 523.46    | 522.89     | 1.17    | ppb   |
| Cadmium    | 108-1 | 531.05    | 513.16    | 522.19    | 522.13     | 1.71    | ppb   |
| Calcium    | 43-1  | 258147.34 | 247386.41 | 251447.05 | 252326.93  | 2.15    | ppb   |
| Calcium    | 44-1  | 257910.78 | 248091.49 | 252005.34 | 252669.20  | 1.96    | ppb   |
| Chromium   | 52-2  | 493.66    | 495.00    | 498.58    | 495.75     | 0.51    | ppb   |
| Cobalt     | 59-2  | 487.78    | 489.08    | 490.53    | 489.13     | 0.28    | ppb   |
| Copper     | 63-2  | 1007.29   | 1009.74   | 1013.50   | 1010.18    | 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 |           |           |           | 101        |         | %     |
| Holmium    | 165-2 |           |           |           | 98         |         | %     |
| Indium     | 115-1 |           |           |           | 91         |         | %     |
| Indium     | 115-2 |           |           |           | 90         |         | %     |
| Iron       | 56-2  | 129691.15 | 128861.72 | 129345.25 | 129299.37  | 0.32    | ppb   |
| Iron       | 57-2  | 128829.55 | 129212.36 | 130239.01 | 129426.97  | 0.56    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 537.86    | 515.10    | 519.68    | 524.21     | 2.30    | ppb   |
| Lead       | 207-1 | 537.82    | 519.71    | 521.15    | 526.23     | 1.91    | ppb   |
| Lead       | 208-1 | 540.74    | 520.34    | 523.21    | 528.10     | 2.09    | ppb   |
| Lithium    | 6-1   |           |           |           | 92         |         | %     |
| Magnesium  | 24-2  | 255393.88 | 257530.37 | 256535.66 | 256486.64  | 0.42    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB103076            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV18               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV18               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2019-05-29 14:29:29 | DataFile Name :   | 031CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 980.76    | 976.84    | 982.47    | 980.02     | 0.29    | ppb   |
| Molybdenum | 94-1  | 2709.98   | 2604.24   | 2621.80   | 2645.34    | 2.14    | ppb   |
| Molybdenum | 95-1  | 2703.91   | 2587.12   | 2610.43   | 2633.82    | 2.35    | ppb   |
| Molybdenum | 96-1  | 2701.65   | 2588.40   | 2605.19   | 2631.75    | 2.32    | ppb   |
| Molybdenum | 97-1  | 2707.26   | 2589.62   | 2623.90   | 2640.26    | 2.29    | ppb   |
| Molybdenum | 98-1  | 2685.05   | 2599.34   | 2609.20   | 2631.20    | 1.78    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 480.87    | 481.96    | 484.42    | 482.42     | 0.38    | ppb   |
| Phosphorus | 31-2  | 9722.89   | 10103.21  | 9903.91   | 9910.00    | 1.92    | ppb   |
| Potassium  | 39-2  | 129973.64 | 129396.21 | 129173.65 | 129514.50  | 0.32    | ppb   |
| Rhodium    | 103-1 |           |           |           | 85         |         | %     |
| Rhodium    | 103-2 |           |           |           | 86         |         | %     |
| Scandium   | 45-1  |           |           |           | 91         |         | %     |
| Scandium   | 45-2  |           |           |           | 93         |         | %     |
| Selenium   | 77-2  | 511.45    | 528.20    | 524.48    | 521.38     | 1.69    | ppb   |
| Selenium   | 78-2  | 504.36    | 511.72    | 515.33    | 510.47     | 1.10    | ppb   |
| Selenium   | 82-1  | 541.44    | 518.81    | 521.86    | 527.37     | 2.33    | ppb   |
| Silicon    | 28-1  | 574.14    | 556.75    | 565.83    | 565.57     | 1.54    | ppb   |
| Silver     | 109-1 | 531.62    | 511.19    | 523.40    | 522.07     | 1.97    | ppb   |
| Silver     | 107-1 | 528.01    | 510.95    | 519.20    | 519.39     | 1.64    | ppb   |
| Sodium     | 23-2  | 255388.37 | 256634.29 | 254657.10 | 255559.92  | 0.39    | ppb   |
| Strontium  | 86-1  | 532.02    | 509.97    | 519.55    | 520.51     | 2.12    | ppb   |
| Strontium  | 88-1  | 532.75    | 514.39    | 515.35    | 520.83     | 1.98    | ppb   |
| Sulfur     | 34-1  | 11825.07  | 11176.16  | 11137.71  | 11379.65   | 3.39    | ppb   |
| Terbium    | 159-1 |           |           |           | 100        |         | %     |
| Terbium    | 159-2 |           |           |           | 97         |         | %     |
| Thallium   | 203-1 | 540.29    | 514.39    | 517.20    | 523.96     | 2.71    | ppb   |
| Thallium   | 205-1 | 550.17    | 519.39    | 527.76    | 532.44     | 2.99    | ppb   |
| Thorium    | 232-1 | 552.23    | 529.06    | 535.39    | 538.89     | 2.22    | ppb   |
| Tin        | 118-1 | 531.52    | 511.21    | 524.95    | 522.56     | 1.98    | ppb   |
| Titanium   | 47-1  | 2686.98   | 2609.86   | 2644.84   | 2647.23    | 1.46    | ppb   |
| Uranium    | 238-1 | 548.30    | 523.16    | 528.82    | 533.43     | 2.47    | ppb   |
| Vanadium   | 51-2  | 498.93    | 500.80    | 502.65    | 500.79     | 0.37    | ppb   |
| Yttrium    | 89-1  |           |           |           | 94         |         | %     |
| Yttrium    | 89-2  |           |           |           | 93         |         | %     |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB103076            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV18               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV18               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2019-05-29 14:29:29 | DataFile Name :   | 031CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 1002.91 | 992.95  | 1000.28 | 998.71     | 0.52    | ppb   |
| Zirconium | 90-1 | 538.38  | 519.87  | 528.48  | 528.91     | 1.75    | ppb   |
| Zirconium | 91-1 | 539.38  | 517.30  | 521.59  | 526.09     | 2.23    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB18               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB18               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 14:33:24 | DataFile Name :   | 032CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 6.60    | 6.13    | 6.82    | 6.52       | 5.38    | ppb   |
| Antimony   | 121-1 | 0.36    | 0.37    | 0.42    | 0.38       | 7.73    | ppb   |
| Arsenic    | 75-2  | 0.06    | 0.11    | 0.13    | 0.10       | 33.35   | ppb   |
| Barium     | 135-1 | 0.33    | 0.31    | 0.32    | 0.32       | 2.54    | ppb   |
| Barium     | 137-1 | 0.37    | 0.24    | 0.27    | 0.30       | 23.71   | ppb   |
| Beryllium  | 9-1   | 0.14    | 0.14    | 0.13    | 0.14       | 3.90    | ppb   |
| Bismuth    | 209-1 |         |         |         | 109        |         | %     |
| Bismuth    | 209-2 |         |         |         | 103        |         | %     |
| Boron      | 10-1  | 18.08   | 16.70   | 15.75   | 16.84      | 6.96    | ppb   |
| Boron      | 11-1  | 18.05   | 17.54   | 16.04   | 17.21      | 6.07    | ppb   |
| Cadmium    | 111-1 | 0.05    | 0.06    | 0.11    | 0.08       | 40.78   | ppb   |
| Cadmium    | 106-1 | -0.26   | -0.12   | 0.67    | 0.10       | 510.27  | ppb   |
| Cadmium    | 108-1 | 0.21    | 0.08    | 0.16    | 0.15       | 41.87   | ppb   |
| Calcium    | 43-1  | 23.27   | 24.30   | 26.56   | 24.71      | 6.81    | ppb   |
| Calcium    | 44-1  | 23.63   | 23.13   | 22.28   | 23.01      | 2.96    | ppb   |
| Chromium   | 52-2  | 0.08    | 0.06    | 0.08    | 0.08       | 17.29   | ppb   |
| Cobalt     | 59-2  | 0.07    | 0.05    | 0.05    | 0.06       | 13.36   | ppb   |
| Copper     | 63-2  | 0.18    | 0.17    | 0.19    | 0.18       | 6.81    | 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 |         |         |         | 108        |         | %     |
| Holmium    | 165-2 |         |         |         | 105        |         | %     |
| Indium     | 115-1 |         |         |         | 107        |         | %     |
| Indium     | 115-2 |         |         |         | 104        |         | %     |
| Iron       | 56-2  | 15.91   | 15.73   | 15.66   | 15.77      | 0.83    | ppb   |
| Iron       | 57-2  | 13.11   | 16.46   | 18.37   | 15.98      | 16.66   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.11    | 0.10    | 0.08    | 0.10       | 14.52   | ppb   |
| Lead       | 207-1 | 0.11    | 0.10    | 0.09    | 0.10       | 5.80    | ppb   |
| Lead       | 208-1 | 0.10    | 0.10    | 0.09    | 0.10       | 6.48    | ppb   |
| Lithium    | 6-1   |         |         |         | 105        |         | %     |
| Magnesium  | 24-2  | 21.49   | 22.76   | 22.81   | 22.35      | 3.34    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB18               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB18               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 14:33:24 | DataFile Name :   | 032CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 0.17    | 0.19    | 0.21    | 0.19       | 9.87    | ppb   |
| Molybdenum | 94-1  | 0.57    | 0.54    | 0.49    | 0.53       | 6.88    | ppb   |
| Molybdenum | 95-1  | 0.72    | 0.56    | 0.57    | 0.62       | 14.64   | ppb   |
| Molybdenum | 96-1  | 0.61    | 0.64    | 0.54    | 0.60       | 9.32    | ppb   |
| Molybdenum | 97-1  | 0.69    | 0.58    | 0.59    | 0.62       | 9.46    | ppb   |
| Molybdenum | 98-1  | 0.68    | 0.58    | 0.49    | 0.58       | 16.31   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.09    | 0.08    | 0.11    | 0.09       | 13.16   | ppb   |
| Phosphorus | 31-2  | -23.24  | -33.89  | -28.59  | -28.57     |         | ppb   |
| Potassium  | 39-2  | 20.04   | 13.57   | 16.98   | 16.87      | 19.20   | ppb   |
| Rhodium    | 103-1 |         |         |         | 105        |         | %     |
| Rhodium    | 103-2 |         |         |         | 103        |         | %     |
| Scandium   | 45-1  |         |         |         | 105        |         | %     |
| Scandium   | 45-2  |         |         |         | 103        |         | %     |
| Selenium   | 77-2  | 0.43    | 0.00    | 0.43    | 0.28       | 86.60   | ppb   |
| Selenium   | 78-2  | 0.09    | 0.08    | 0.63    | 0.27       | 120.63  | ppb   |
| Selenium   | 82-1  | -0.02   | 0.27    | 0.30    | 0.18       | 97.20   | ppb   |
| Silicon    | 28-1  | 1.06    | 1.32    | 1.59    | 1.32       | 20.12   | ppb   |
| Silver     | 109-1 | 0.08    | 0.08    | 0.07    | 0.08       | 5.29    | ppb   |
| Silver     | 107-1 | 0.08    | 0.08    | 0.07    | 0.07       | 11.63   | ppb   |
| Sodium     | 23-2  | 74.71   | 75.07   | 72.63   | 74.14      | 1.78    | ppb   |
| Strontium  | 86-1  | 0.02    | 0.07    | 0.08    | 0.06       | 60.64   | ppb   |
| Strontium  | 88-1  | 0.05    | 0.05    | 0.06    | 0.05       | 3.44    | ppb   |
| Sulfur     | 34-1  | -342.69 | -255.62 | -110.61 | -236.31    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 108        |         | %     |
| Terbium    | 159-2 |         |         |         | 105        |         | %     |
| Thallium   | 203-1 | 0.14    | 0.12    | 0.14    | 0.13       | 10.01   | ppb   |
| Thallium   | 205-1 | 0.13    | 0.12    | 0.11    | 0.12       | 6.32    | ppb   |
| Thorium    | 232-1 | 0.08    | 0.08    | 0.07    | 0.08       | 6.22    | ppb   |
| Tin        | 118-1 | 0.17    | 0.18    | 0.14    | 0.16       | 14.18   | ppb   |
| Titanium   | 47-1  | 0.36    | 0.29    | 0.42    | 0.36       | 19.18   | ppb   |
| Uranium    | 238-1 | 0.05    | 0.05    | 0.05    | 0.05       | 2.49    | ppb   |
| Vanadium   | 51-2  | 0.06    | 0.04    | 0.07    | 0.05       | 27.63   | ppb   |
| Yttrium    | 89-1  |         |         |         | 106        |         | %     |
| Yttrium    | 89-2  |         |         |         | 103        |         | %     |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB18               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB18               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 14:33:24 | DataFile Name :   | 032CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 0.37    | 0.34    | 0.44    | 0.38       | 12.83   | ppb   |
| Zirconium | 90-1 | 0.07    | 0.07    | 0.07    | 0.07       | 5.53    | ppb   |
| Zirconium | 91-1 | 0.13    | 0.06    | 0.06    | 0.08       | 50.14   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-03            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-09(4-4.5)      | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 14:37:00 | DataFile Name :   | 033SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 82585.98  | 81948.75  | 81697.36  | 82077.36   | 0.56    | ppb   |
| Antimony   | 121-1 | 0.20      | 0.19      | 0.18      | 0.19       | 6.40    | ppb   |
| Arsenic    | 75-2  | 14.53     | 14.58     | 14.63     | 14.58      | 0.33    | ppb   |
| Barium     | 135-1 | 357.41    | 356.66    | 354.73    | 356.27     | 0.39    | ppb   |
| Barium     | 137-1 | 354.34    | 353.18    | 351.70    | 353.07     | 0.37    | ppb   |
| Beryllium  | 9-1   | 4.24      | 4.08      | 4.29      | 4.20       | 2.64    | ppb   |
| Bismuth    | 209-1 |           |           |           | 103        |         | %     |
| Bismuth    | 209-2 |           |           |           | 99         |         | %     |
| Boron      | 10-1  | 26.09     | 24.54     | 24.94     | 25.19      | 3.20    | ppb   |
| Boron      | 11-1  | 26.33     | 26.75     | 26.10     | 26.39      | 1.25    | ppb   |
| Cadmium    | 111-1 | 1.46      | 1.49      | 1.30      | 1.42       | 7.21    | ppb   |
| Cadmium    | 106-1 | 13.25     | 13.27     | 11.43     | 12.65      | 8.37    | ppb   |
| Cadmium    | 108-1 | 6.32      | 5.44      | 6.16      | 5.97       | 7.82    | ppb   |
| Calcium    | 43-1  | 3032.97   | 3036.31   | 3085.48   | 3051.59    | 0.96    | ppb   |
| Calcium    | 44-1  | 3046.05   | 3060.36   | 3067.38   | 3057.93    | 0.36    | ppb   |
| Chromium   | 52-2  | 118.68    | 118.90    | 117.46    | 118.35     | 0.66    | ppb   |
| Cobalt     | 59-2  | 124.77    | 125.16    | 123.02    | 124.32     | 0.92    | ppb   |
| Copper     | 63-2  | 146.52    | 145.19    | 145.15    | 145.62     | 0.53    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 108        |         | %     |
| Holmium    | 165-2 |           |           |           | 105        |         | %     |
| Indium     | 115-1 |           |           |           | 102        |         | %     |
| Indium     | 115-2 |           |           |           | 101        |         | %     |
| Iron       | 56-2  | 111258.49 | 110693.94 | 109988.67 | 110647.03  | 0.57    | ppb   |
| Iron       | 57-2  | 110231.11 | 109918.48 | 109109.40 | 109753.00  | 0.53    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 46.04     | 45.79     | 45.74     | 45.86      | 0.36    | ppb   |
| Lead       | 207-1 | 41.35     | 41.03     | 41.58     | 41.32      | 0.67    | ppb   |
| Lead       | 208-1 | 43.50     | 43.24     | 43.51     | 43.42      | 0.35    | ppb   |
| Lithium    | 6-1   |           |           |           | 106        |         | %     |
| Magnesium  | 24-2  | 29156.24  | 28956.10  | 28669.78  | 28927.38   | 0.85    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-03            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-09(4-4.5)      | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 14:37:00 | DataFile Name :   | 033SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 5172.04  | 5137.37  | 5088.35  | 5132.59    | 0.82    | ppb   |
| Molybdenum | 94-1  | 56.95    | 56.56    | 56.79    | 56.77      | 0.35    | ppb   |
| Molybdenum | 95-1  | 2.29     | 2.32     | 2.26     | 2.29       | 1.37    | ppb   |
| Molybdenum | 96-1  | 9.23     | 9.22     | 9.48     | 9.31       | 1.57    | ppb   |
| Molybdenum | 97-1  | 2.27     | 2.21     | 2.34     | 2.27       | 2.75    | ppb   |
| Molybdenum | 98-1  | 2.22     | 2.37     | 2.37     | 2.32       | 3.75    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 144.86   | 143.19   | 141.97   | 143.34     | 1.01    | ppb   |
| Phosphorus | 31-2  | 1892.80  | 1913.38  | 1900.14  | 1902.11    | 0.55    | ppb   |
| Potassium  | 39-2  | 6141.75  | 6067.78  | 6099.57  | 6103.03    | 0.61    | ppb   |
| Rhodium    | 103-1 |          |          |          | 99         |         | %     |
| Rhodium    | 103-2 |          |          |          | 99         |         | %     |
| Scandium   | 45-1  |          |          |          | 112        |         | %     |
| Scandium   | 45-2  |          |          |          | 111        |         | %     |
| Selenium   | 77-2  | 39.22    | 43.66    | 51.13    | 44.67      | 13.48   | ppb   |
| Selenium   | 78-2  | 8.53     | 9.43     | 8.33     | 8.76       | 6.70    | ppb   |
| Selenium   | 82-1  | 2.29     | 2.08     | 1.55     | 1.98       | 19.25   | ppb   |
| Silicon    | 28-1  | 12150.83 | 12270.02 | 12246.52 | 12222.46   | 0.52    | ppb   |
| Silver     | 109-1 | 0.16     | 0.13     | 0.14     | 0.15       | 11.08   | ppb   |
| Silver     | 107-1 | 0.22     | 0.21     | 0.21     | 0.21       | 2.02    | ppb   |
| Sodium     | 23-2  | 483.20   | 476.58   | 474.36   | 478.05     | 0.96    | ppb   |
| Strontium  | 86-1  | 22.12    | 22.06    | 22.16    | 22.11      | 0.23    | ppb   |
| Strontium  | 88-1  | 22.20    | 21.97    | 22.10    | 22.09      | 0.52    | ppb   |
| Sulfur     | 34-1  | -1589.79 | -1710.35 | -1883.27 | -1727.80   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 108        |         | %     |
| Terbium    | 159-2 |          |          |          | 106        |         | %     |
| Thallium   | 203-1 | 0.82     | 0.83     | 0.82     | 0.82       | 1.00    | ppb   |
| Thallium   | 205-1 | 0.82     | 0.79     | 0.80     | 0.80       | 1.83    | ppb   |
| Thorium    | 232-1 | 24.62    | 24.53    | 24.72    | 24.62      | 0.38    | ppb   |
| Tin        | 118-1 | 0.43     | 0.46     | 0.43     | 0.44       | 3.77    | ppb   |
| Titanium   | 47-1  | 558.15   | 554.33   | 562.91   | 558.47     | 0.77    | ppb   |
| Uranium    | 238-1 | 4.42     | 4.44     | 4.44     | 4.44       | 0.32    | ppb   |
| Vanadium   | 51-2  | 127.89   | 126.77   | 125.98   | 126.88     | 0.76    | ppb   |
| Yttrium    | 89-1  |          |          |          | 130        |         | %     |
| Yttrium    | 89-2  |          |          |          | 129        |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-03            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-09(4-4.5)      | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 14:37:00 | DataFile Name :   | 033SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 383.97  | 382.81  | 381.53  | 382.77     | 0.32    | ppb   |
| Zirconium | 90-1 | 35.03   | 34.89   | 35.42   | 35.11      | 0.79    | ppb   |
| Zirconium | 91-1 | 35.22   | 36.00   | 35.65   | 35.62      | 1.10    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-04            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-10(8-8.5)      | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 14:40:37 | DataFile Name :   | 034SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 99617.32  | 95337.00  | 91360.62  | 95438.31   | 4.33    | ppb   |
| Antimony   | 121-1 | 0.21      | 0.18      | 0.21      | 0.20       | 8.17    | ppb   |
| Arsenic    | 75-2  | 6.93      | 6.88      | 6.55      | 6.79       | 3.08    | ppb   |
| Barium     | 135-1 | 619.88    | 619.02    | 616.46    | 618.45     | 0.29    | ppb   |
| Barium     | 137-1 | 617.02    | 619.82    | 614.61    | 617.15     | 0.42    | ppb   |
| Beryllium  | 9-1   | 6.36      | 6.37      | 6.56      | 6.43       | 1.79    | ppb   |
| Bismuth    | 209-1 |           |           |           | 102        |         | %     |
| Bismuth    | 209-2 |           |           |           | 102        |         | %     |
| Boron      | 10-1  | 25.43     | 26.92     | 27.34     | 26.57      | 3.78    | ppb   |
| Boron      | 11-1  | 27.06     | 26.54     | 27.83     | 27.14      | 2.38    | ppb   |
| Cadmium    | 111-1 | 1.90      | 2.07      | 1.98      | 1.98       | 4.08    | ppb   |
| Cadmium    | 106-1 | 21.35     | 23.35     | 21.97     | 22.22      | 4.62    | ppb   |
| Cadmium    | 108-1 | 9.60      | 8.78      | 8.35      | 8.91       | 7.15    | ppb   |
| Calcium    | 43-1  | 6683.81   | 6683.31   | 6670.31   | 6679.14    | 0.11    | ppb   |
| Calcium    | 44-1  | 6718.17   | 6719.90   | 6728.65   | 6722.24    | 0.08    | ppb   |
| Chromium   | 52-2  | 197.25    | 188.88    | 183.26    | 189.80     | 3.71    | ppb   |
| Cobalt     | 59-2  | 66.43     | 63.66     | 61.05     | 63.71      | 4.23    | ppb   |
| Copper     | 63-2  | 158.61    | 151.39    | 146.26    | 152.09     | 4.08    | 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 |           |           |           | 108        |         | %     |
| Holmium    | 165-2 |           |           |           | 110        |         | %     |
| Indium     | 115-1 |           |           |           | 100        |         | %     |
| Indium     | 115-2 |           |           |           | 103        |         | %     |
| Iron       | 56-2  | 119930.39 | 114047.36 | 109876.54 | 114618.10  | 4.41    | ppb   |
| Iron       | 57-2  | 118358.68 | 113583.09 | 109214.41 | 113718.73  | 4.02    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 123.24    | 122.43    | 121.78    | 122.48     | 0.60    | ppb   |
| Lead       | 207-1 | 112.91    | 111.18    | 111.41    | 111.83     | 0.84    | ppb   |
| Lead       | 208-1 | 117.70    | 116.16    | 116.16    | 116.67     | 0.76    | ppb   |
| Lithium    | 6-1   |           |           |           | 106        |         | %     |
| Magnesium  | 24-2  | 36316.43  | 34595.43  | 33269.92  | 34727.26   | 4.40    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-04            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-10(8-8.5)      | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 14:40:37 | DataFile Name :   | 034SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 1186.56  | 1130.81  | 1089.51  | 1135.63    | 4.29    | ppb   |
| Molybdenum | 94-1  | 81.83    | 80.89    | 80.73    | 81.15      | 0.74    | ppb   |
| Molybdenum | 95-1  | 1.11     | 1.17     | 1.20     | 1.16       | 3.95    | ppb   |
| Molybdenum | 96-1  | 11.61    | 11.05    | 11.56    | 11.41      | 2.73    | ppb   |
| Molybdenum | 97-1  | 1.12     | 1.14     | 1.18     | 1.15       | 2.43    | ppb   |
| Molybdenum | 98-1  | 1.15     | 1.11     | 1.21     | 1.16       | 4.11    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 182.69   | 174.62   | 168.06   | 175.13     | 4.19    | ppb   |
| Phosphorus | 31-2  | 1768.19  | 1612.37  | 1582.54  | 1654.37    | 6.03    | ppb   |
| Potassium  | 39-2  | 7373.55  | 7025.48  | 6781.53  | 7060.19    | 4.21    | ppb   |
| Rhodium    | 103-1 |          |          |          | 97         |         | %     |
| Rhodium    | 103-2 |          |          |          | 100        |         | %     |
| Scandium   | 45-1  |          |          |          | 113        |         | %     |
| Scandium   | 45-2  |          |          |          | 115        |         | %     |
| Selenium   | 77-2  | 71.76    | 79.45    | 69.67    | 73.63      | 6.99    | ppb   |
| Selenium   | 78-2  | 13.34    | 11.79    | 14.19    | 13.11      | 9.26    | ppb   |
| Selenium   | 82-1  | 2.75     | 3.28     | 3.31     | 3.11       | 10.02   | ppb   |
| Silicon    | 28-1  | 15077.64 | 14986.15 | 15019.76 | 15027.85   | 0.31    | ppb   |
| Silver     | 109-1 | 0.16     | 0.16     | 0.14     | 0.15       | 6.74    | ppb   |
| Silver     | 107-1 | 0.25     | 0.26     | 0.27     | 0.26       | 3.68    | ppb   |
| Sodium     | 23-2  | 773.94   | 739.58   | 706.65   | 740.05     | 4.55    | ppb   |
| Strontium  | 86-1  | 39.13    | 38.81    | 38.73    | 38.89      | 0.55    | ppb   |
| Strontium  | 88-1  | 39.16    | 38.86    | 38.90    | 38.97      | 0.41    | ppb   |
| Sulfur     | 34-1  | -2385.90 | -2483.28 | -2559.81 | -2476.33   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 108        |         | %     |
| Terbium    | 159-2 |          |          |          | 110        |         | %     |
| Thallium   | 203-1 | 1.02     | 1.00     | 0.96     | 0.99       | 2.87    | ppb   |
| Thallium   | 205-1 | 0.97     | 0.99     | 0.97     | 0.97       | 1.04    | ppb   |
| Thorium    | 232-1 | 71.83    | 71.99    | 71.70    | 71.84      | 0.20    | ppb   |
| Tin        | 118-1 | 0.59     | 0.66     | 0.59     | 0.61       | 6.33    | ppb   |
| Titanium   | 47-1  | 1293.22  | 1285.14  | 1277.14  | 1285.17    | 0.63    | ppb   |
| Uranium    | 238-1 | 7.78     | 7.77     | 7.72     | 7.76       | 0.40    | ppb   |
| Vanadium   | 51-2  | 259.08   | 248.43   | 239.08   | 248.86     | 4.02    | ppb   |
| Yttrium    | 89-1  |          |          |          | 160        |         | %     |
| Yttrium    | 89-2  |          |          |          | 161        |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-04            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-10(8-8.5)      | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 14:40:37 | DataFile Name :   | 034SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 409.28  | 396.73  | 381.05  | 395.69     | 3.57    | ppb   |
| Zirconium | 90-1 | 51.28   | 51.11   | 50.70   | 51.03      | 0.59    | ppb   |
| Zirconium | 91-1 | 52.48   | 52.44   | 52.15   | 52.35      | 0.34    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2944-01            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-1(14.5-15)     | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 14:44:15 | DataFile Name :   | 035SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 107013.51 | 106576.48 | 106271.75 | 106620.58  | 0.35    | ppb   |
| Antimony   | 121-1 | 0.15      | 0.15      | 0.16      | 0.15       | 2.21    | ppb   |
| Arsenic    | 75-2  | 11.06     | 10.55     | 10.81     | 10.80      | 2.34    | ppb   |
| Barium     | 135-1 | 580.27    | 580.01    | 578.67    | 579.65     | 0.15    | ppb   |
| Barium     | 137-1 | 574.56    | 572.66    | 575.14    | 574.12     | 0.23    | ppb   |
| Beryllium  | 9-1   | 7.40      | 7.59      | 7.35      | 7.45       | 1.68    | ppb   |
| Bismuth    | 209-1 |           |           |           | 102        |         | %     |
| Bismuth    | 209-2 |           |           |           | 97         |         | %     |
| Boron      | 10-1  | 46.32     | 48.21     | 46.42     | 46.98      | 2.26    | ppb   |
| Boron      | 11-1  | 48.64     | 48.44     | 49.04     | 48.71      | 0.63    | ppb   |
| Cadmium    | 111-1 | 2.16      | 2.01      | 2.05      | 2.07       | 3.79    | ppb   |
| Cadmium    | 106-1 | 23.56     | 21.57     | 22.13     | 22.42      | 4.57    | ppb   |
| Cadmium    | 108-1 | 10.32     | 11.86     | 11.29     | 11.16      | 6.97    | ppb   |
| Calcium    | 43-1  | 13052.10  | 13113.21  | 13102.73  | 13089.35   | 0.25    | ppb   |
| Calcium    | 44-1  | 13177.91  | 13253.94  | 13207.22  | 13213.02   | 0.29    | ppb   |
| Chromium   | 52-2  | 218.93    | 216.79    | 215.46    | 217.06     | 0.81    | ppb   |
| Cobalt     | 59-2  | 145.88    | 145.07    | 144.40    | 145.12     | 0.51    | ppb   |
| Copper     | 63-2  | 197.12    | 195.61    | 194.64    | 195.79     | 0.64    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 108        |         | %     |
| Holmium    | 165-2 |           |           |           | 106        |         | %     |
| Indium     | 115-1 |           |           |           | 100        |         | %     |
| Indium     | 115-2 |           |           |           | 99         |         | %     |
| Iron       | 56-2  | 223906.46 | 222243.35 | 220894.14 | 222347.98  | 0.68    | ppb   |
| Iron       | 57-2  | 224058.88 | 221597.95 | 221915.63 | 222524.15  | 0.60    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 125.84    | 124.89    | 125.41    | 125.38     | 0.38    | ppb   |
| Lead       | 207-1 | 114.53    | 114.51    | 113.48    | 114.18     | 0.53    | ppb   |
| Lead       | 208-1 | 119.55    | 118.86    | 119.08    | 119.17     | 0.29    | ppb   |
| Lithium    | 6-1   |           |           |           | 107        |         | %     |
| Magnesium  | 24-2  | 52637.41  | 52259.30  | 51913.31  | 52270.00   | 0.69    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2944-01            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-1(14.5-15)     | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 14:44:15 | DataFile Name :   | 035SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 3660.45  | 3640.51  | 3619.32  | 3640.09    | 0.56    | ppb   |
| Molybdenum | 94-1  | 93.00    | 91.18    | 92.48    | 92.22      | 1.02    | ppb   |
| Molybdenum | 95-1  | 1.52     | 1.52     | 1.55     | 1.53       | 1.21    | ppb   |
| Molybdenum | 96-1  | 13.39    | 13.38    | 13.53    | 13.44      | 0.61    | ppb   |
| Molybdenum | 97-1  | 1.60     | 1.39     | 1.48     | 1.49       | 6.99    | ppb   |
| Molybdenum | 98-1  | 1.50     | 1.43     | 1.52     | 1.48       | 3.10    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 235.05   | 231.94   | 228.64   | 231.88     | 1.38    | ppb   |
| Phosphorus | 31-2  | 3579.67  | 3823.65  | 3680.60  | 3694.64    | 3.32    | ppb   |
| Potassium  | 39-2  | 13789.76 | 13753.89 | 13806.69 | 13783.45   | 0.20    | ppb   |
| Rhodium    | 103-1 |          |          |          | 96         |         | %     |
| Rhodium    | 103-2 |          |          |          | 96         |         | %     |
| Scandium   | 45-1  |          |          |          | 116        |         | %     |
| Scandium   | 45-2  |          |          |          | 115        |         | %     |
| Selenium   | 77-2  | 66.80    | 64.97    | 66.13    | 65.97      | 1.40    | ppb   |
| Selenium   | 78-2  | 13.91    | 14.26    | 14.69    | 14.29      | 2.72    | ppb   |
| Selenium   | 82-1  | 3.49     | 3.79     | 3.47     | 3.58       | 4.99    | ppb   |
| Silicon    | 28-1  | 16607.39 | 16643.18 | 16487.14 | 16579.24   | 0.49    | ppb   |
| Silver     | 109-1 | 0.13     | 0.15     | 0.17     | 0.15       | 12.03   | ppb   |
| Silver     | 107-1 | 0.25     | 0.25     | 0.28     | 0.26       | 6.48    | ppb   |
| Sodium     | 23-2  | 1416.15  | 1407.68  | 1402.16  | 1408.66    | 0.50    | ppb   |
| Strontium  | 86-1  | 65.97    | 65.00    | 65.71    | 65.56      | 0.77    | ppb   |
| Strontium  | 88-1  | 65.89    | 65.26    | 65.96    | 65.70      | 0.59    | ppb   |
| Sulfur     | 34-1  | -2816.80 | -2755.31 | -2743.28 | -2771.79   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 108        |         | %     |
| Terbium    | 159-2 |          |          |          | 106        |         | %     |
| Thallium   | 203-1 | 1.26     | 1.31     | 1.27     | 1.28       | 2.02    | ppb   |
| Thallium   | 205-1 | 1.32     | 1.30     | 1.34     | 1.32       | 1.42    | ppb   |
| Thorium    | 232-1 | 62.87    | 62.45    | 62.64    | 62.66      | 0.34    | ppb   |
| Tin        | 118-1 | 0.59     | 0.60     | 0.64     | 0.61       | 4.75    | ppb   |
| Titanium   | 47-1  | 929.16   | 933.20   | 924.53   | 928.96     | 0.47    | ppb   |
| Uranium    | 238-1 | 17.55    | 17.27    | 17.45    | 17.42      | 0.83    | ppb   |
| Vanadium   | 51-2  | 210.67   | 208.73   | 208.98   | 209.46     | 0.50    | ppb   |
| Yttrium    | 89-1  |          |          |          | 156        |         | %     |
| Yttrium    | 89-2  |          |          |          | 155        |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2944-01            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-1(14.5-15)     | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 14:44:15 | DataFile Name :   | 035SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 513.87  | 508.92  | 514.20  | 512.33     | 0.58    | ppb   |
| Zirconium | 90-1 | 58.33   | 57.85   | 57.94   | 58.04      | 0.44    | ppb   |
| Zirconium | 91-1 | 59.75   | 58.82   | 59.15   | 59.24      | 0.80    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2944-02            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-2(14.5-15)     | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 14:47:53 | DataFile Name :   | 036SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 72357.20  | 72181.50  | 72799.26  | 72445.99   | 0.44    | ppb   |
| Antimony   | 121-1 | 0.18      | 0.17      | 0.18      | 0.18       | 4.95    | ppb   |
| Arsenic    | 75-2  | 27.60     | 27.35     | 26.87     | 27.27      | 1.36    | ppb   |
| Barium     | 135-1 | 399.23    | 399.73    | 399.91    | 399.62     | 0.09    | ppb   |
| Barium     | 137-1 | 398.64    | 396.75    | 398.80    | 398.06     | 0.29    | ppb   |
| Beryllium  | 9-1   | 5.21      | 5.15      | 5.19      | 5.18       | 0.51    | ppb   |
| Bismuth    | 209-1 |           |           |           | 105        |         | %     |
| Bismuth    | 209-2 |           |           |           | 100        |         | %     |
| Boron      | 10-1  | 17.98     | 16.73     | 17.99     | 17.57      | 4.15    | ppb   |
| Boron      | 11-1  | 17.87     | 18.21     | 17.44     | 17.84      | 2.17    | ppb   |
| Cadmium    | 111-1 | 1.57      | 1.65      | 1.52      | 1.58       | 4.07    | ppb   |
| Cadmium    | 106-1 | 12.72     | 13.00     | 13.37     | 13.03      | 2.52    | ppb   |
| Cadmium    | 108-1 | 6.34      | 5.21      | 6.62      | 6.06       | 12.31   | ppb   |
| Calcium    | 43-1  | 4339.06   | 4321.78   | 4355.44   | 4338.76    | 0.39    | ppb   |
| Calcium    | 44-1  | 4450.17   | 4421.88   | 4395.94   | 4422.66    | 0.61    | ppb   |
| Chromium   | 52-2  | 160.62    | 159.90    | 160.63    | 160.38     | 0.26    | ppb   |
| Cobalt     | 59-2  | 68.85     | 68.52     | 68.33     | 68.57      | 0.38    | ppb   |
| Copper     | 63-2  | 137.92    | 136.58    | 138.23    | 137.58     | 0.64    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 110        |         | %     |
| Holmium    | 165-2 |           |           |           | 107        |         | %     |
| Indium     | 115-1 |           |           |           | 104        |         | %     |
| Indium     | 115-2 |           |           |           | 102        |         | %     |
| Iron       | 56-2  | 170231.09 | 170339.63 | 170772.65 | 170447.79  | 0.17    | ppb   |
| Iron       | 57-2  | 170166.18 | 170373.88 | 170132.53 | 170224.20  | 0.08    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 90.66     | 89.85     | 89.96     | 90.16      | 0.48    | ppb   |
| Lead       | 207-1 | 81.54     | 81.33     | 81.59     | 81.49      | 0.17    | ppb   |
| Lead       | 208-1 | 85.83     | 85.38     | 85.24     | 85.48      | 0.36    | ppb   |
| Lithium    | 6-1   |           |           |           | 109        |         | %     |
| Magnesium  | 24-2  | 37673.05  | 37400.26  | 37456.12  | 37509.81   | 0.38    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2944-02            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-2(14.5-15)     | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 14:47:53 | DataFile Name :   | 036SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 3744.76  | 3739.76  | 3745.56  | 3743.36    | 0.08    | ppb   |
| Molybdenum | 94-1  | 63.84    | 63.67    | 63.22    | 63.57      | 0.50    | ppb   |
| Molybdenum | 95-1  | 7.10     | 7.07     | 7.12     | 7.10       | 0.38    | ppb   |
| Molybdenum | 96-1  | 14.49    | 14.81    | 14.80    | 14.70      | 1.25    | ppb   |
| Molybdenum | 97-1  | 6.93     | 7.16     | 7.20     | 7.10       | 2.04    | ppb   |
| Molybdenum | 98-1  | 6.97     | 7.15     | 7.21     | 7.11       | 1.79    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 181.55   | 181.50   | 182.93   | 181.99     | 0.45    | ppb   |
| Phosphorus | 31-2  | 3263.47  | 3089.96  | 3094.59  | 3149.34    | 3.14    | ppb   |
| Potassium  | 39-2  | 4531.92  | 4553.64  | 4527.43  | 4537.67    | 0.31    | ppb   |
| Rhodium    | 103-1 |          |          |          | 101        |         | %     |
| Rhodium    | 103-2 |          |          |          | 99         |         | %     |
| Scandium   | 45-1  |          |          |          | 113        |         | %     |
| Scandium   | 45-2  |          |          |          | 111        |         | %     |
| Selenium   | 77-2  | 51.99    | 49.97    | 41.65    | 47.87      | 11.45   | ppb   |
| Selenium   | 78-2  | 9.00     | 8.94     | 8.56     | 8.83       | 2.70    | ppb   |
| Selenium   | 82-1  | 1.85     | 2.24     | 1.87     | 1.99       | 11.14   | ppb   |
| Silicon    | 28-1  | 10187.25 | 10149.19 | 10181.88 | 10172.77   | 0.20    | ppb   |
| Silver     | 109-1 | 0.15     | 0.17     | 0.16     | 0.16       | 6.69    | ppb   |
| Silver     | 107-1 | 0.22     | 0.24     | 0.20     | 0.22       | 7.53    | ppb   |
| Sodium     | 23-2  | 554.85   | 551.52   | 562.10   | 556.16     | 0.97    | ppb   |
| Strontium  | 86-1  | 32.94    | 32.64    | 33.11    | 32.90      | 0.73    | ppb   |
| Strontium  | 88-1  | 32.85    | 32.96    | 32.87    | 32.89      | 0.19    | ppb   |
| Sulfur     | 34-1  | -2563.78 | -2562.38 | -2622.60 | -2582.92   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 110        |         | %     |
| Terbium    | 159-2 |          |          |          | 108        |         | %     |
| Thallium   | 203-1 | 0.53     | 0.57     | 0.52     | 0.54       | 4.47    | ppb   |
| Thallium   | 205-1 | 0.54     | 0.54     | 0.52     | 0.54       | 3.09    | ppb   |
| Thorium    | 232-1 | 29.68    | 29.44    | 29.29    | 29.47      | 0.66    | ppb   |
| Tin        | 118-1 | 0.88     | 0.87     | 0.93     | 0.89       | 3.61    | ppb   |
| Titanium   | 47-1  | 508.91   | 503.46   | 502.06   | 504.81     | 0.72    | ppb   |
| Uranium    | 238-1 | 3.73     | 3.73     | 3.76     | 3.74       | 0.48    | ppb   |
| Vanadium   | 51-2  | 125.43   | 124.23   | 125.86   | 125.17     | 0.68    | ppb   |
| Yttrium    | 89-1  |          |          |          | 141        |         | %     |
| Yttrium    | 89-2  |          |          |          | 139        |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2944-02            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-2(14.5-15)     | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 14:47:53 | DataFile Name :   | 036SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 399.25  | 396.02  | 400.11  | 398.46     | 0.54    | ppb   |
| Zirconium | 90-1 | 37.20   | 37.46   | 37.35   | 37.34      | 0.35    | ppb   |
| Zirconium | 91-1 | 37.68   | 38.15   | 37.76   | 37.86      | 0.67    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2944-03            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-3(4.5-5)       | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 14:51:32 | DataFile Name :   | 037SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 106179.64 | 106469.18 | 107045.99 | 106564.94  | 0.41    | ppb   |
| Antimony   | 121-1 | 0.05      | 0.05      | 0.04      | 0.04       | 12.06   | ppb   |
| Arsenic    | 75-2  | 9.84      | 9.39      | 9.98      | 9.74       | 3.16    | ppb   |
| Barium     | 135-1 | 776.77    | 759.96    | 794.43    | 777.05     | 2.22    | ppb   |
| Barium     | 137-1 | 780.07    | 763.11    | 785.19    | 776.12     | 1.49    | ppb   |
| Beryllium  | 9-1   | 4.14      | 3.95      | 4.19      | 4.10       | 3.08    | ppb   |
| Bismuth    | 209-1 |           |           |           | 102        |         | %     |
| Bismuth    | 209-2 |           |           |           | 97         |         | %     |
| Boron      | 10-1  | 11.79     | 11.34     | 10.16     | 11.10      | 7.59    | ppb   |
| Boron      | 11-1  | 11.02     | 11.30     | 11.04     | 11.12      | 1.41    | ppb   |
| Cadmium    | 111-1 | 0.86      | 0.72      | 0.97      | 0.85       | 14.74   | ppb   |
| Cadmium    | 106-1 | 13.18     | 11.65     | 14.55     | 13.13      | 11.08   | ppb   |
| Cadmium    | 108-1 | 4.94      | 4.95      | 5.15      | 5.01       | 2.39    | ppb   |
| Calcium    | 43-1  | 3444.92   | 3345.31   | 3525.76   | 3438.66    | 2.63    | ppb   |
| Calcium    | 44-1  | 3497.07   | 3426.18   | 3535.34   | 3486.20    | 1.59    | ppb   |
| Chromium   | 52-2  | 282.22    | 282.81    | 281.04    | 282.02     | 0.32    | ppb   |
| Cobalt     | 59-2  | 45.41     | 45.29     | 45.49     | 45.40      | 0.22    | ppb   |
| Copper     | 63-2  | 51.53     | 51.09     | 51.45     | 51.36      | 0.46    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 108        |         | %     |
| Holmium    | 165-2 |           |           |           | 105        |         | %     |
| Indium     | 115-1 |           |           |           | 101        |         | %     |
| Indium     | 115-2 |           |           |           | 99         |         | %     |
| Iron       | 56-2  | 119030.74 | 118048.01 | 118858.12 | 118645.62  | 0.44    | ppb   |
| Iron       | 57-2  | 118331.74 | 117365.17 | 118166.73 | 117954.55  | 0.44    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 102.88    | 100.65    | 102.41    | 101.98     | 1.15    | ppb   |
| Lead       | 207-1 | 93.47     | 90.12     | 92.35     | 91.98      | 1.85    | ppb   |
| Lead       | 208-1 | 97.50     | 94.70     | 97.50     | 96.57      | 1.67    | ppb   |
| Lithium    | 6-1   |           |           |           | 104        |         | %     |
| Magnesium  | 24-2  | 14782.61  | 14719.81  | 14861.50  | 14787.97   | 0.48    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2944-03            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-3(4.5-5)       | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 14:51:32 | DataFile Name :   | 037SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 357.56   | 356.04   | 358.52   | 357.37     | 0.35    | ppb   |
| Molybdenum | 94-1  | 51.79    | 50.87    | 53.27    | 51.98      | 2.32    | ppb   |
| Molybdenum | 95-1  | 0.36     | 0.38     | 0.42     | 0.39       | 7.69    | ppb   |
| Molybdenum | 96-1  | 7.07     | 7.07     | 7.53     | 7.22       | 3.68    | ppb   |
| Molybdenum | 97-1  | 0.39     | 0.40     | 0.35     | 0.38       | 6.33    | ppb   |
| Molybdenum | 98-1  | 0.39     | 0.38     | 0.40     | 0.39       | 2.15    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 76.46    | 75.55    | 75.95    | 75.99      | 0.60    | ppb   |
| Phosphorus | 31-2  | 218.66   | 231.82   | 252.80   | 234.43     | 7.35    | ppb   |
| Potassium  | 39-2  | 1316.02  | 1315.34  | 1319.63  | 1317.00    | 0.18    | ppb   |
| Rhodium    | 103-1 |          |          |          | 98         |         | %     |
| Rhodium    | 103-2 |          |          |          | 97         |         | %     |
| Scandium   | 45-1  |          |          |          | 126        |         | %     |
| Scandium   | 45-2  |          |          |          | 124        |         | %     |
| Selenium   | 77-2  | 73.65    | 65.24    | 64.30    | 67.73      | 7.60    | ppb   |
| Selenium   | 78-2  | 14.11    | 12.60    | 12.90    | 13.20      | 6.08    | ppb   |
| Selenium   | 82-1  | 4.66     | 4.25     | 4.15     | 4.36       | 6.24    | ppb   |
| Silicon    | 28-1  | 17494.14 | 17285.13 | 17717.36 | 17498.88   | 1.24    | ppb   |
| Silver     | 109-1 | 0.07     | 0.07     | 0.09     | 0.08       | 13.77   | ppb   |
| Silver     | 107-1 | 0.15     | 0.10     | 0.14     | 0.13       | 19.36   | ppb   |
| Sodium     | 23-2  | 407.70   | 414.74   | 415.78   | 412.74     | 1.07    | ppb   |
| Strontium  | 86-1  | 30.43    | 29.93    | 31.30    | 30.55      | 2.27    | ppb   |
| Strontium  | 88-1  | 30.09    | 29.88    | 30.57    | 30.18      | 1.17    | ppb   |
| Sulfur     | 34-1  | -3237.74 | -3321.55 | -3250.28 | -3269.86   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 108        |         | %     |
| Terbium    | 159-2 |          |          |          | 105        |         | %     |
| Thallium   | 203-1 | 0.82     | 0.76     | 0.81     | 0.80       | 4.02    | ppb   |
| Thallium   | 205-1 | 0.84     | 0.81     | 0.84     | 0.83       | 2.26    | ppb   |
| Thorium    | 232-1 | 49.51    | 48.55    | 49.83    | 49.30      | 1.35    | ppb   |
| Tin        | 118-1 | 0.19     | 0.15     | 0.16     | 0.17       | 11.90   | ppb   |
| Titanium   | 47-1  | 327.58   | 318.37   | 329.66   | 325.21     | 1.85    | ppb   |
| Uranium    | 238-1 | 22.43    | 21.69    | 22.34    | 22.15      | 1.82    | ppb   |
| Vanadium   | 51-2  | 360.41   | 359.09   | 360.28   | 359.92     | 0.20    | ppb   |
| Yttrium    | 89-1  |          |          |          | 152        |         | %     |
| Yttrium    | 89-2  |          |          |          | 150        |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2944-03            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-3(4.5-5)       | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 14:51:32 | DataFile Name :   | 037SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 145.01  | 143.93  | 145.04  | 144.66     | 0.44    | ppb   |
| Zirconium | 90-1 | 32.86   | 32.80   | 33.42   | 33.03      | 1.03    | ppb   |
| Zirconium | 91-1 | 33.40   | 33.26   | 34.03   | 33.56      | 1.22    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2944-04            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-4(5-5.5)       | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 14:55:12 | DataFile Name :   | 038SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 120897.63 | 121125.82 | 122773.19 | 121598.88  | 0.84    | ppb   |
| Antimony   | 121-1 | 0.04      | 0.03      | 0.03      | 0.04       | 16.11   | ppb   |
| Arsenic    | 75-2  | 16.01     | 16.26     | 15.69     | 15.99      | 1.79    | ppb   |
| Barium     | 135-1 | 1390.95   | 1396.07   | 1384.54   | 1390.52    | 0.42    | ppb   |
| Barium     | 137-1 | 1394.46   | 1397.47   | 1378.28   | 1390.07    | 0.74    | ppb   |
| Beryllium  | 9-1   | 7.06      | 6.98      | 7.21      | 7.09       | 1.66    | ppb   |
| Bismuth    | 209-1 |           |           |           | 97         |         | %     |
| Bismuth    | 209-2 |           |           |           | 94         |         | %     |
| Boron      | 10-1  | 10.23     | 9.28      | 9.98      | 9.83       | 5.01    | ppb   |
| Boron      | 11-1  | 9.49      | 9.05      | 9.84      | 9.46       | 4.20    | ppb   |
| Cadmium    | 111-1 | 1.31      | 1.37      | 1.45      | 1.38       | 5.35    | ppb   |
| Cadmium    | 106-1 | 21.41     | 21.61     | 22.61     | 21.88      | 2.92    | ppb   |
| Cadmium    | 108-1 | 8.93      | 8.03      | 7.98      | 8.32       | 6.44    | ppb   |
| Calcium    | 43-1  | 12052.69  | 11914.96  | 12053.20  | 12006.95   | 0.66    | ppb   |
| Calcium    | 44-1  | 12075.23  | 12023.21  | 12028.55  | 12042.33   | 0.24    | ppb   |
| Chromium   | 52-2  | 319.35    | 322.02    | 322.16    | 321.18     | 0.49    | ppb   |
| Cobalt     | 59-2  | 51.03     | 51.44     | 51.97     | 51.48      | 0.91    | ppb   |
| Copper     | 63-2  | 39.70     | 39.91     | 40.20     | 39.94      | 0.62    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 105        |         | %     |
| Holmium    | 165-2 |           |           |           | 104        |         | %     |
| Indium     | 115-1 |           |           |           | 97         |         | %     |
| Indium     | 115-2 |           |           |           | 97         |         | %     |
| Iron       | 56-2  | 191639.16 | 191640.04 | 193811.12 | 192363.44  | 0.65    | ppb   |
| Iron       | 57-2  | 189620.79 | 191100.31 | 192964.81 | 191228.64  | 0.88    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 127.91    | 126.12    | 125.11    | 126.38     | 1.12    | ppb   |
| Lead       | 207-1 | 115.92    | 115.35    | 113.93    | 115.07     | 0.89    | ppb   |
| Lead       | 208-1 | 120.79    | 119.60    | 119.17    | 119.86     | 0.70    | ppb   |
| Lithium    | 6-1   |           |           |           | 102        |         | %     |
| Magnesium  | 24-2  | 22934.18  | 22896.27  | 23248.92  | 23026.46   | 0.84    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2944-04            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-4(5-5.5)       | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 14:55:12 | DataFile Name :   | 038SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 660.67   | 660.07   | 668.02   | 662.92     | 0.67    | ppb   |
| Molybdenum | 94-1  | 71.07    | 70.02    | 71.59    | 70.89      | 1.13    | ppb   |
| Molybdenum | 95-1  | 0.77     | 0.76     | 0.80     | 0.77       | 2.97    | ppb   |
| Molybdenum | 96-1  | 10.05    | 10.09    | 10.28    | 10.14      | 1.24    | ppb   |
| Molybdenum | 97-1  | 0.72     | 0.82     | 0.79     | 0.77       | 6.59    | ppb   |
| Molybdenum | 98-1  | 0.79     | 0.82     | 0.77     | 0.79       | 3.67    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 106.41   | 105.36   | 107.86   | 106.54     | 1.18    | ppb   |
| Phosphorus | 31-2  | 441.65   | 449.51   | 414.77   | 435.31     | 4.19    | ppb   |
| Potassium  | 39-2  | 1960.38  | 1984.45  | 1990.06  | 1978.30    | 0.80    | ppb   |
| Rhodium    | 103-1 |          |          |          | 94         |         | %     |
| Rhodium    | 103-2 |          |          |          | 94         |         | %     |
| Scandium   | 45-1  |          |          |          | 130        |         | %     |
| Scandium   | 45-2  |          |          |          | 130        |         | %     |
| Selenium   | 77-2  | 75.54    | 75.81    | 76.49    | 75.95      | 0.64    | ppb   |
| Selenium   | 78-2  | 17.41    | 17.85    | 15.22    | 16.83      | 8.37    | ppb   |
| Selenium   | 82-1  | 6.77     | 6.51     | 6.56     | 6.61       | 2.05    | ppb   |
| Silicon    | 28-1  | 10588.19 | 10596.62 | 10566.11 | 10583.64   | 0.15    | ppb   |
| Silver     | 109-1 | 0.40     | 0.39     | 0.42     | 0.40       | 4.20    | ppb   |
| Silver     | 107-1 | 0.51     | 0.51     | 0.54     | 0.52       | 3.25    | ppb   |
| Sodium     | 23-2  | 889.73   | 884.35   | 885.01   | 886.37     | 0.33    | ppb   |
| Strontium  | 86-1  | 51.81    | 52.25    | 51.97    | 52.01      | 0.44    | ppb   |
| Strontium  | 88-1  | 51.94    | 52.03    | 51.73    | 51.90      | 0.29    | ppb   |
| Sulfur     | 34-1  | -2665.92 | -2683.03 | -2651.65 | -2666.87   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 105        |         | %     |
| Terbium    | 159-2 |          |          |          | 104        |         | %     |
| Thallium   | 203-1 | 1.30     | 1.22     | 1.15     | 1.22       | 5.95    | ppb   |
| Thallium   | 205-1 | 1.25     | 1.23     | 1.22     | 1.24       | 1.10    | ppb   |
| Thorium    | 232-1 | 62.17    | 62.24    | 62.13    | 62.18      | 0.09    | ppb   |
| Tin        | 118-1 | 0.39     | 0.34     | 0.33     | 0.35       | 8.61    | ppb   |
| Titanium   | 47-1  | 500.51   | 499.34   | 497.36   | 499.07     | 0.32    | ppb   |
| Uranium    | 238-1 | 30.23    | 30.27    | 30.17    | 30.23      | 0.17    | ppb   |
| Vanadium   | 51-2  | 477.53   | 483.46   | 486.73   | 482.57     | 0.97    | ppb   |
| Yttrium    | 89-1  |          |          |          | 168        |         | %     |
| Yttrium    | 89-2  |          |          |          | 167        |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2944-04            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-4(5-5.5)       | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 14:55:12 | DataFile Name :   | 038SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 234.10  | 236.73  | 239.35  | 236.73     | 1.11    | ppb   |
| Zirconium | 90-1 | 45.13   | 45.15   | 44.87   | 45.05      | 0.34    | ppb   |
| Zirconium | 91-1 | 45.57   | 45.80   | 45.88   | 45.75      | 0.35    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2944-05            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-5(4.5-5)       | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 14:58:51 | DataFile Name :   | 039SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 79248.52  | 79125.39  | 78813.04  | 79062.32   | 0.28    | ppb   |
| Antimony   | 121-1 | 1.20      | 1.11      | 1.16      | 1.16       | 4.18    | ppb   |
| Arsenic    | 75-2  | 30.56     | 30.86     | 30.94     | 30.78      | 0.65    | ppb   |
| Barium     | 135-1 | 1070.52   | 1024.09   | 1025.83   | 1040.15    | 2.53    | ppb   |
| Barium     | 137-1 | 1068.46   | 1024.20   | 1020.31   | 1037.66    | 2.58    | ppb   |
| Beryllium  | 9-1   | 5.40      | 5.29      | 5.44      | 5.38       | 1.47    | ppb   |
| Bismuth    | 209-1 |           |           |           | 103        |         | %     |
| Bismuth    | 209-2 |           |           |           | 98         |         | %     |
| Boron      | 10-1  | 19.06     | 19.33     | 19.10     | 19.16      | 0.76    | ppb   |
| Boron      | 11-1  | 20.12     | 19.93     | 20.64     | 20.23      | 1.80    | ppb   |
| Cadmium    | 111-1 | 7.14      | 6.64      | 6.83      | 6.87       | 3.68    | ppb   |
| Cadmium    | 106-1 | 22.40     | 21.12     | 20.56     | 21.36      | 4.42    | ppb   |
| Cadmium    | 108-1 | 12.78     | 11.86     | 11.63     | 12.09      | 5.05    | ppb   |
| Calcium    | 43-1  | 15451.63  | 14849.65  | 14746.17  | 15015.81   | 2.54    | ppb   |
| Calcium    | 44-1  | 15498.05  | 15085.92  | 15007.30  | 15197.09   | 1.73    | ppb   |
| Chromium   | 52-2  | 262.40    | 262.97    | 264.59    | 263.32     | 0.43    | ppb   |
| Cobalt     | 59-2  | 93.73     | 93.54     | 93.67     | 93.65      | 0.10    | ppb   |
| Copper     | 63-2  | 474.15    | 474.77    | 473.44    | 474.12     | 0.14    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 108        |         | %     |
| Holmium    | 165-2 |           |           |           | 106        |         | %     |
| Indium     | 115-1 |           |           |           | 102        |         | %     |
| Indium     | 115-2 |           |           |           | 101        |         | %     |
| Iron       | 56-2  | 151483.16 | 151048.73 | 151484.67 | 151338.85  | 0.17    | ppb   |
| Iron       | 57-2  | 150224.90 | 150016.99 | 149746.66 | 149996.18  | 0.16    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 2052.69   | 1970.48   | 1952.67   | 1991.94    | 2.68    | ppb   |
| Lead       | 207-1 | 1870.85   | 1802.92   | 1779.95   | 1817.91    | 2.60    | ppb   |
| Lead       | 208-1 | 1939.75   | 1868.23   | 1847.92   | 1885.30    | 2.56    | ppb   |
| Lithium    | 6-1   |           |           |           | 104        |         | %     |
| Magnesium  | 24-2  | 28279.40  | 28150.70  | 28176.19  | 28202.10   | 0.24    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2944-05            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-5(4.5-5)       | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 14:58:51 | DataFile Name :   | 039SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 3842.04  | 3824.39  | 3830.75  | 3832.39    | 0.23    | ppb   |
| Molybdenum | 94-1  | 75.07    | 71.39    | 71.46    | 72.64      | 2.89    | ppb   |
| Molybdenum | 95-1  | 3.01     | 2.96     | 2.79     | 2.92       | 3.89    | ppb   |
| Molybdenum | 96-1  | 12.40    | 11.89    | 11.57    | 11.95      | 3.50    | ppb   |
| Molybdenum | 97-1  | 2.96     | 2.95     | 3.03     | 2.98       | 1.48    | ppb   |
| Molybdenum | 98-1  | 3.07     | 2.91     | 2.92     | 2.97       | 2.96    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 148.86   | 148.50   | 149.11   | 148.83     | 0.21    | ppb   |
| Phosphorus | 31-2  | 2819.17  | 2816.09  | 2660.46  | 2765.24    | 3.28    | ppb   |
| Potassium  | 39-2  | 3167.17  | 3216.31  | 3172.98  | 3185.49    | 0.84    | ppb   |
| Rhodium    | 103-1 |          |          |          | 98         |         | %     |
| Rhodium    | 103-2 |          |          |          | 99         |         | %     |
| Scandium   | 45-1  |          |          |          | 117        |         | %     |
| Scandium   | 45-2  |          |          |          | 117        |         | %     |
| Selenium   | 77-2  | 48.43    | 50.54    | 53.06    | 50.68      | 4.58    | ppb   |
| Selenium   | 78-2  | 11.05    | 10.69    | 12.23    | 11.32      | 7.11    | ppb   |
| Selenium   | 82-1  | 4.72     | 4.79     | 4.35     | 4.62       | 5.16    | ppb   |
| Silicon    | 28-1  | 11996.48 | 11634.72 | 11509.93 | 11713.71   | 2.16    | ppb   |
| Silver     | 109-1 | 2.28     | 2.27     | 2.18     | 2.25       | 2.41    | ppb   |
| Silver     | 107-1 | 2.32     | 2.24     | 2.18     | 2.25       | 2.98    | ppb   |
| Sodium     | 23-2  | 786.05   | 781.62   | 777.87   | 781.85     | 0.52    | ppb   |
| Strontium  | 86-1  | 73.33    | 70.90    | 69.88    | 71.37      | 2.48    | ppb   |
| Strontium  | 88-1  | 72.88    | 70.33    | 69.70    | 70.97      | 2.37    | ppb   |
| Sulfur     | 34-1  | -1332.63 | -1364.63 | -1526.73 | -1408.00   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 108        |         | %     |
| Terbium    | 159-2 |          |          |          | 107        |         | %     |
| Thallium   | 203-1 | 0.81     | 0.72     | 0.72     | 0.75       | 7.13    | ppb   |
| Thallium   | 205-1 | 0.78     | 0.75     | 0.77     | 0.77       | 1.81    | ppb   |
| Thorium    | 232-1 | 30.19    | 28.67    | 28.55    | 29.14      | 3.12    | ppb   |
| Tin        | 118-1 | 5.75     | 5.48     | 5.44     | 5.56       | 3.01    | ppb   |
| Titanium   | 47-1  | 1391.06  | 1343.02  | 1340.25  | 1358.11    | 2.10    | ppb   |
| Uranium    | 238-1 | 10.95    | 10.27    | 10.28    | 10.50      | 3.72    | ppb   |
| Vanadium   | 51-2  | 347.08   | 344.93   | 348.35   | 346.79     | 0.50    | ppb   |
| Yttrium    | 89-1  |          |          |          | 143        |         | %     |
| Yttrium    | 89-2  |          |          |          | 142        |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2944-05            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-5(4.5-5)       | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 14:58:51 | DataFile Name :   | 039SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 828.13  | 829.19  | 827.44  | 828.26     | 0.11    | ppb   |
| Zirconium | 90-1 | 45.50   | 44.31   | 43.88   | 44.56      | 1.88    | ppb   |
| Zirconium | 91-1 | 46.72   | 45.28   | 44.84   | 45.61      | 2.15    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2944-06            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-6(4.5-5)       | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 15:02:30 | DataFile Name :   | 040SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 74568.22  | 74631.16  | 73053.79  | 74084.39   | 1.21    | ppb   |
| Antimony   | 121-1 | 0.10      | 0.07      | 0.07      | 0.08       | 26.32   | ppb   |
| Arsenic    | 75-2  | 14.19     | 14.69     | 14.23     | 14.37      | 1.94    | ppb   |
| Barium     | 135-1 | 652.64    | 595.60    | 628.05    | 625.43     | 4.57    | ppb   |
| Barium     | 137-1 | 653.54    | 591.90    | 626.93    | 624.12     | 4.95    | ppb   |
| Beryllium  | 9-1   | 2.84      | 2.73      | 2.87      | 2.81       | 2.75    | ppb   |
| Bismuth    | 209-1 |           |           |           | 106        |         | %     |
| Bismuth    | 209-2 |           |           |           | 96         |         | %     |
| Boron      | 10-1  | 15.73     | 13.94     | 14.78     | 14.81      | 6.04    | ppb   |
| Boron      | 11-1  | 15.97     | 15.12     | 15.80     | 15.63      | 2.88    | ppb   |
| Cadmium    | 111-1 | 1.00      | 0.76      | 0.74      | 0.83       | 17.64   | ppb   |
| Cadmium    | 106-1 | 13.02     | 9.94      | 10.30     | 11.09      | 15.19   | ppb   |
| Cadmium    | 108-1 | 5.53      | 4.94      | 5.73      | 5.40       | 7.63    | ppb   |
| Calcium    | 43-1  | 6506.45   | 5966.48   | 6352.77   | 6275.23    | 4.43    | ppb   |
| Calcium    | 44-1  | 6652.72   | 6118.54   | 6382.76   | 6384.67    | 4.18    | ppb   |
| Chromium   | 52-2  | 237.54    | 239.43    | 237.12    | 238.03     | 0.52    | ppb   |
| Cobalt     | 59-2  | 42.67     | 43.10     | 42.47     | 42.75      | 0.75    | ppb   |
| Copper     | 63-2  | 53.79     | 54.08     | 53.68     | 53.85      | 0.38    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 111        |         | %     |
| Holmium    | 165-2 |           |           |           | 103        |         | %     |
| Indium     | 115-1 |           |           |           | 106        |         | %     |
| Indium     | 115-2 |           |           |           | 98         |         | %     |
| Iron       | 56-2  | 162383.62 | 163425.96 | 160927.18 | 162245.59  | 0.77    | ppb   |
| Iron       | 57-2  | 161797.95 | 161561.91 | 159986.51 | 161115.46  | 0.61    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 74.73     | 68.10     | 72.27     | 71.70      | 4.67    | ppb   |
| Lead       | 207-1 | 68.05     | 61.65     | 65.27     | 64.99      | 4.94    | ppb   |
| Lead       | 208-1 | 71.21     | 65.04     | 68.58     | 68.28      | 4.53    | ppb   |
| Lithium    | 6-1   |           |           |           | 107        |         | %     |
| Magnesium  | 24-2  | 16344.79  | 16313.78  | 16012.03  | 16223.53   | 1.13    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2944-06            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-6(4.5-5)       | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 15:02:30 | DataFile Name :   | 040SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 813.85   | 823.36   | 805.47   | 814.23     | 1.10    | ppb   |
| Molybdenum | 94-1  | 65.69    | 60.08    | 63.36    | 63.04      | 4.47    | ppb   |
| Molybdenum | 95-1  | 1.01     | 0.98     | 0.97     | 0.99       | 2.29    | ppb   |
| Molybdenum | 96-1  | 9.67     | 8.99     | 9.36     | 9.34       | 3.65    | ppb   |
| Molybdenum | 97-1  | 1.11     | 1.00     | 1.00     | 1.03       | 6.11    | ppb   |
| Molybdenum | 98-1  | 1.06     | 0.95     | 1.05     | 1.02       | 5.83    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 74.31    | 73.54    | 72.73    | 73.53      | 1.08    | ppb   |
| Phosphorus | 31-2  | 828.85   | 785.35   | 702.05   | 772.08     | 8.35    | ppb   |
| Potassium  | 39-2  | 1292.20  | 1302.96  | 1275.91  | 1290.36    | 1.06    | ppb   |
| Rhodium    | 103-1 |          |          |          | 102        |         | %     |
| Rhodium    | 103-2 |          |          |          | 97         |         | %     |
| Scandium   | 45-1  |          |          |          | 125        |         | %     |
| Scandium   | 45-2  |          |          |          | 117        |         | %     |
| Selenium   | 77-2  | 63.04    | 56.98    | 49.81    | 56.61      | 11.70   | ppb   |
| Selenium   | 78-2  | 12.79    | 11.82    | 12.71    | 12.44      | 4.32    | ppb   |
| Selenium   | 82-1  | 5.01     | 4.26     | 4.57     | 4.61       | 8.11    | ppb   |
| Silicon    | 28-1  | 17842.76 | 16441.34 | 17117.14 | 17133.75   | 4.09    | ppb   |
| Silver     | 109-1 | 0.29     | 0.24     | 0.27     | 0.27       | 7.78    | ppb   |
| Silver     | 107-1 | 0.32     | 0.31     | 0.31     | 0.31       | 3.11    | ppb   |
| Sodium     | 23-2  | 1823.34  | 1841.72  | 1808.15  | 1824.40    | 0.92    | ppb   |
| Strontium  | 86-1  | 40.99    | 37.37    | 39.11    | 39.16      | 4.63    | ppb   |
| Strontium  | 88-1  | 40.83    | 37.63    | 38.87    | 39.11      | 4.12    | ppb   |
| Sulfur     | 34-1  | -2488.78 | -2797.22 | -2584.45 | -2623.48   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 112        |         | %     |
| Terbium    | 159-2 |          |          |          | 104        |         | %     |
| Thallium   | 203-1 | 0.70     | 0.65     | 0.66     | 0.67       | 3.98    | ppb   |
| Thallium   | 205-1 | 0.70     | 0.65     | 0.67     | 0.67       | 3.69    | ppb   |
| Thorium    | 232-1 | 39.15    | 35.33    | 37.81    | 37.43      | 5.17    | ppb   |
| Tin        | 118-1 | 0.24     | 0.23     | 0.24     | 0.24       | 2.62    | ppb   |
| Titanium   | 47-1  | 679.41   | 621.65   | 647.84   | 649.63     | 4.45    | ppb   |
| Uranium    | 238-1 | 16.90    | 15.32    | 16.38    | 16.20      | 4.99    | ppb   |
| Vanadium   | 51-2  | 352.12   | 350.87   | 347.67   | 350.22     | 0.65    | ppb   |
| Yttrium    | 89-1  |          |          |          | 138        |         | %     |
| Yttrium    | 89-2  |          |          |          | 131        |         | %     |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2944-06            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-6(4.5-5)       | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 15:02:30 | DataFile Name :   | 040SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 191.01  | 194.90  | 189.26  | 191.72     | 1.51    | ppb   |
| Zirconium | 90-1 | 40.90   | 37.99   | 39.53   | 39.48      | 3.69    | ppb   |
| Zirconium | 91-1 | 42.14   | 38.07   | 40.68   | 40.30      | 5.12    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2966-01            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-13(9.5-10)     | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 15:06:11 | DataFile Name :   | 041SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 74705.21  | 74642.78  | 74574.76  | 74640.92   | 0.09    | ppb   |
| Antimony   | 121-1 | 0.28      | 0.29      | 0.32      | 0.30       | 7.45    | ppb   |
| Arsenic    | 75-2  | 32.06     | 31.29     | 32.46     | 31.94      | 1.85    | ppb   |
| Barium     | 135-1 | 492.54    | 483.08    | 479.78    | 485.13     | 1.37    | ppb   |
| Barium     | 137-1 | 492.20    | 478.61    | 480.42    | 483.75     | 1.53    | ppb   |
| Beryllium  | 9-1   | 5.19      | 5.15      | 4.88      | 5.07       | 3.34    | ppb   |
| Bismuth    | 209-1 |           |           |           | 106        |         | %     |
| Bismuth    | 209-2 |           |           |           | 101        |         | %     |
| Boron      | 10-1  | 13.74     | 13.71     | 13.61     | 13.69      | 0.48    | ppb   |
| Boron      | 11-1  | 14.11     | 14.35     | 14.18     | 14.21      | 0.87    | ppb   |
| Cadmium    | 111-1 | 4.44      | 4.35      | 4.29      | 4.36       | 1.76    | ppb   |
| Cadmium    | 106-1 | 15.73     | 15.64     | 15.83     | 15.73      | 0.61    | ppb   |
| Cadmium    | 108-1 | 9.17      | 8.97      | 8.42      | 8.85       | 4.37    | ppb   |
| Calcium    | 43-1  | 7749.58   | 7607.87   | 7545.96   | 7634.47    | 1.37    | ppb   |
| Calcium    | 44-1  | 7811.26   | 7655.92   | 7644.00   | 7703.73    | 1.21    | ppb   |
| Chromium   | 52-2  | 145.95    | 144.91    | 145.46    | 145.44     | 0.36    | ppb   |
| Cobalt     | 59-2  | 72.55     | 71.88     | 72.11     | 72.18      | 0.48    | ppb   |
| Copper     | 63-2  | 242.46    | 242.74    | 243.28    | 242.83     | 0.17    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 111        |         | %     |
| Holmium    | 165-2 |           |           |           | 108        |         | %     |
| Indium     | 115-1 |           |           |           | 106        |         | %     |
| Indium     | 115-2 |           |           |           | 103        |         | %     |
| Iron       | 56-2  | 166278.71 | 166152.90 | 166092.64 | 166174.75  | 0.06    | ppb   |
| Iron       | 57-2  | 165563.69 | 165965.07 | 165859.91 | 165796.22  | 0.13    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 174.80    | 174.35    | 172.83    | 173.99     | 0.59    | ppb   |
| Lead       | 207-1 | 161.46    | 159.08    | 158.60    | 159.71     | 0.96    | ppb   |
| Lead       | 208-1 | 167.51    | 165.75    | 164.70    | 165.99     | 0.85    | ppb   |
| Lithium    | 6-1   |           |           |           | 111        |         | %     |
| Magnesium  | 24-2  | 44776.18  | 44381.68  | 44482.39  | 44546.75   | 0.46    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2966-01            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-13(9.5-10)     | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 15:06:11 | DataFile Name :   | 041SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 1261.61  | 1260.94  | 1262.40  | 1261.65    | 0.06    | ppb   |
| Molybdenum | 94-1  | 65.11    | 64.28    | 64.28    | 64.56      | 0.74    | ppb   |
| Molybdenum | 95-1  | 4.34     | 4.24     | 4.23     | 4.27       | 1.48    | ppb   |
| Molybdenum | 96-1  | 12.24    | 12.45    | 12.35    | 12.34      | 0.86    | ppb   |
| Molybdenum | 97-1  | 4.33     | 4.17     | 4.41     | 4.30       | 2.79    | ppb   |
| Molybdenum | 98-1  | 4.44     | 4.27     | 4.42     | 4.37       | 2.14    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 233.35   | 233.94   | 231.84   | 233.04     | 0.46    | ppb   |
| Phosphorus | 31-2  | 5943.40  | 6119.57  | 6281.86  | 6114.94    | 2.77    | ppb   |
| Potassium  | 39-2  | 5519.42  | 5527.03  | 5519.67  | 5522.04    | 0.08    | ppb   |
| Rhodium    | 103-1 |          |          |          | 102        |         | %     |
| Rhodium    | 103-2 |          |          |          | 101        |         | %     |
| Scandium   | 45-1  |          |          |          | 114        |         | %     |
| Scandium   | 45-2  |          |          |          | 111        |         | %     |
| Selenium   | 77-2  | 48.96    | 51.31    | 41.62    | 47.30      | 10.69   | ppb   |
| Selenium   | 78-2  | 8.99     | 9.42     | 7.32     | 8.58       | 12.97   | ppb   |
| Selenium   | 82-1  | 2.15     | 1.93     | 2.17     | 2.08       | 6.28    | ppb   |
| Silicon    | 28-1  | 9904.00  | 9796.27  | 9680.21  | 9793.49    | 1.14    | ppb   |
| Silver     | 109-1 | 3.77     | 3.80     | 3.75     | 3.77       | 0.72    | ppb   |
| Silver     | 107-1 | 3.82     | 3.73     | 3.73     | 3.76       | 1.25    | ppb   |
| Sodium     | 23-2  | 439.04   | 435.65   | 440.35   | 438.35     | 0.55    | ppb   |
| Strontium  | 86-1  | 42.99    | 42.40    | 42.63    | 42.68      | 0.69    | ppb   |
| Strontium  | 88-1  | 42.98    | 42.85    | 42.46    | 42.77      | 0.64    | ppb   |
| Sulfur     | 34-1  | -2114.94 | -2094.47 | -1991.15 | -2066.85   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 111        |         | %     |
| Terbium    | 159-2 |          |          |          | 108        |         | %     |
| Thallium   | 203-1 | 0.89     | 0.90     | 0.87     | 0.89       | 1.59    | ppb   |
| Thallium   | 205-1 | 0.90     | 0.91     | 0.86     | 0.89       | 2.99    | ppb   |
| Thorium    | 232-1 | 31.32    | 31.01    | 30.65    | 30.99      | 1.08    | ppb   |
| Tin        | 118-1 | 5.15     | 4.97     | 4.95     | 5.02       | 2.28    | ppb   |
| Titanium   | 47-1  | 291.18   | 286.20   | 286.03   | 287.80     | 1.02    | ppb   |
| Uranium    | 238-1 | 3.69     | 3.67     | 3.65     | 3.67       | 0.53    | ppb   |
| Vanadium   | 51-2  | 111.45   | 112.05   | 111.12   | 111.54     | 0.43    | ppb   |
| Yttrium    | 89-1  |          |          |          | 142        |         | %     |
| Yttrium    | 89-2  |          |          |          | 138        |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2966-01            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-13(9.5-10)     | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 15:06:11 | DataFile Name :   | 041SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 1185.67 | 1182.88 | 1183.07 | 1183.87    | 0.13    | ppb   |
| Zirconium | 90-1 | 39.95   | 39.49   | 39.17   | 39.54      | 0.99    | ppb   |
| Zirconium | 91-1 | 41.20   | 39.87   | 39.11   | 40.06      | 2.65    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2966-02            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-14(4.5-5)      | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 15:09:49 | DataFile Name :   | 042SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 65899.68  | 65303.95  | 64651.96  | 65285.20   | 0.96    | ppb   |
| Antimony   | 121-1 | 0.09      | 0.11      | 0.11      | 0.10       | 12.60   | ppb   |
| Arsenic    | 75-2  | 9.22      | 8.92      | 8.88      | 9.01       | 2.06    | ppb   |
| Barium     | 135-1 | 924.50    | 911.87    | 909.58    | 915.32     | 0.88    | ppb   |
| Barium     | 137-1 | 917.49    | 910.07    | 902.95    | 910.17     | 0.80    | ppb   |
| Beryllium  | 9-1   | 2.93      | 2.91      | 2.83      | 2.89       | 1.73    | ppb   |
| Bismuth    | 209-1 |           |           |           | 105        |         | %     |
| Bismuth    | 209-2 |           |           |           | 99         |         | %     |
| Boron      | 10-1  | 12.97     | 11.77     | 12.32     | 12.35      | 4.84    | ppb   |
| Boron      | 11-1  | 11.69     | 11.55     | 11.83     | 11.69      | 1.21    | ppb   |
| Cadmium    | 111-1 | 1.18      | 0.96      | 1.08      | 1.07       | 10.20   | ppb   |
| Cadmium    | 106-1 | 12.82     | 9.85      | 10.66     | 11.11      | 13.83   | ppb   |
| Cadmium    | 108-1 | 5.25      | 4.72      | 4.55      | 4.84       | 7.53    | ppb   |
| Calcium    | 43-1  | 2471.36   | 2372.17   | 2451.86   | 2431.80    | 2.16    | ppb   |
| Calcium    | 44-1  | 2434.64   | 2434.79   | 2437.05   | 2435.49    | 0.06    | ppb   |
| Chromium   | 52-2  | 200.67    | 199.56    | 195.88    | 198.70     | 1.26    | ppb   |
| Cobalt     | 59-2  | 33.49     | 33.56     | 33.10     | 33.38      | 0.74    | ppb   |
| Copper     | 63-2  | 57.17     | 57.16     | 55.95     | 56.76      | 1.24    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 109        |         | %     |
| Holmium    | 165-2 |           |           |           | 107        |         | %     |
| Indium     | 115-1 |           |           |           | 104        |         | %     |
| Indium     | 115-2 |           |           |           | 102        |         | %     |
| Iron       | 56-2  | 106368.81 | 106027.02 | 105227.94 | 105874.59  | 0.55    | ppb   |
| Iron       | 57-2  | 106048.97 | 105829.30 | 104591.42 | 105489.90  | 0.74    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 72.14     | 71.10     | 70.24     | 71.16      | 1.34    | ppb   |
| Lead       | 207-1 | 64.57     | 64.89     | 64.08     | 64.52      | 0.64    | ppb   |
| Lead       | 208-1 | 68.01     | 68.05     | 66.97     | 67.68      | 0.90    | ppb   |
| Lithium    | 6-1   |           |           |           | 106        |         | %     |
| Magnesium  | 24-2  | 15738.62  | 15763.82  | 15516.40  | 15672.95   | 0.87    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2966-02            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-14(4.5-5)      | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 15:09:49 | DataFile Name :   | 042SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 400.33   | 399.40   | 395.06   | 398.26     | 0.71    | ppb   |
| Molybdenum | 94-1  | 56.06    | 55.82    | 55.62    | 55.83      | 0.39    | ppb   |
| Molybdenum | 95-1  | 0.69     | 0.67     | 0.65     | 0.67       | 3.14    | ppb   |
| Molybdenum | 96-1  | 7.97     | 7.82     | 8.13     | 7.98       | 1.94    | ppb   |
| Molybdenum | 97-1  | 0.74     | 0.67     | 0.75     | 0.72       | 6.18    | ppb   |
| Molybdenum | 98-1  | 0.64     | 0.65     | 0.68     | 0.66       | 3.34    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 75.87    | 75.43    | 74.29    | 75.19      | 1.08    | ppb   |
| Phosphorus | 31-2  | 516.11   | 518.77   | 503.29   | 512.72     | 1.61    | ppb   |
| Potassium  | 39-2  | 1179.22  | 1193.42  | 1172.38  | 1181.67    | 0.91    | ppb   |
| Rhodium    | 103-1 |          |          |          | 101        |         | %     |
| Rhodium    | 103-2 |          |          |          | 100        |         | %     |
| Scandium   | 45-1  |          |          |          | 118        |         | %     |
| Scandium   | 45-2  |          |          |          | 116        |         | %     |
| Selenium   | 77-2  | 46.75    | 45.89    | 46.33    | 46.32      | 0.93    | ppb   |
| Selenium   | 78-2  | 9.52     | 8.85     | 9.66     | 9.35       | 4.64    | ppb   |
| Selenium   | 82-1  | 4.26     | 3.70     | 3.94     | 3.96       | 7.07    | ppb   |
| Silicon    | 28-1  | 14738.89 | 14844.81 | 14974.35 | 14852.68   | 0.79    | ppb   |
| Silver     | 109-1 | 0.14     | 0.14     | 0.15     | 0.14       | 3.28    | ppb   |
| Silver     | 107-1 | 0.20     | 0.20     | 0.20     | 0.20       | 1.70    | ppb   |
| Sodium     | 23-2  | 632.87   | 627.02   | 626.77   | 628.89     | 0.55    | ppb   |
| Strontium  | 86-1  | 26.40    | 26.77    | 26.19    | 26.45      | 1.12    | ppb   |
| Strontium  | 88-1  | 26.54    | 26.34    | 26.09    | 26.32      | 0.86    | ppb   |
| Sulfur     | 34-1  | -2000.61 | -2026.89 | -1910.81 | -1979.44   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 109        |         | %     |
| Terbium    | 159-2 |          |          |          | 107        |         | %     |
| Thallium   | 203-1 | 0.70     | 0.71     | 0.76     | 0.72       | 4.45    | ppb   |
| Thallium   | 205-1 | 0.74     | 0.71     | 0.74     | 0.73       | 2.13    | ppb   |
| Thorium    | 232-1 | 39.45    | 39.68    | 39.01    | 39.38      | 0.87    | ppb   |
| Tin        | 118-1 | 0.25     | 0.21     | 0.22     | 0.23       | 9.62    | ppb   |
| Titanium   | 47-1  | 468.21   | 470.27   | 467.40   | 468.63     | 0.32    | ppb   |
| Uranium    | 238-1 | 15.44    | 15.34    | 15.26    | 15.35      | 0.59    | ppb   |
| Vanadium   | 51-2  | 233.51   | 235.66   | 232.16   | 233.78     | 0.76    | ppb   |
| Yttrium    | 89-1  |          |          |          | 136        |         | %     |
| Yttrium    | 89-2  |          |          |          | 133        |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2966-02            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-14(4.5-5)      | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 15:09:49 | DataFile Name :   | 042SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 221.39  | 221.15  | 218.66  | 220.40     | 0.69    | ppb   |
| Zirconium | 90-1 | 35.16   | 34.81   | 35.04   | 35.00      | 0.51    | ppb   |
| Zirconium | 91-1 | 36.02   | 36.24   | 36.07   | 36.11      | 0.31    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB103076            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV19               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV19               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2019-05-29 15:15:55 | DataFile Name :   | 043CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 55542.69  | 56299.75  | 60390.72  | 57411.05   | 4.54    | ppb   |
| Antimony   | 121-1 | 509.64    | 522.12    | 511.83    | 514.53     | 1.29    | ppb   |
| Arsenic    | 75-2  | 518.44    | 522.90    | 563.22    | 534.85     | 4.61    | ppb   |
| Barium     | 135-1 | 2594.32   | 2651.00   | 2605.90   | 2617.07    | 1.14    | ppb   |
| Barium     | 137-1 | 2636.18   | 2694.83   | 2643.81   | 2658.27    | 1.20    | ppb   |
| Beryllium  | 9-1   | 514.14    | 526.72    | 515.69    | 518.85     | 1.32    | ppb   |
| Bismuth    | 209-1 |           |           |           | 93         |         | %     |
| Bismuth    | 209-2 |           |           |           | 85         |         | %     |
| Boron      | 10-1  | 495.49    | 509.93    | 512.46    | 505.96     | 1.81    | ppb   |
| Boron      | 11-1  | 496.05    | 519.20    | 514.09    | 509.78     | 2.39    | ppb   |
| Cadmium    | 111-1 | 505.90    | 514.25    | 506.47    | 508.87     | 0.92    | ppb   |
| Cadmium    | 106-1 | 515.17    | 520.73    | 507.86    | 514.59     | 1.25    | ppb   |
| Cadmium    | 108-1 | 508.18    | 521.90    | 512.44    | 514.17     | 1.37    | ppb   |
| Calcium    | 43-1  | 243028.29 | 247943.66 | 249237.01 | 246736.32  | 1.33    | ppb   |
| Calcium    | 44-1  | 244587.31 | 248789.04 | 249792.52 | 247722.96  | 1.11    | ppb   |
| Chromium   | 52-2  | 493.20    | 497.58    | 539.62    | 510.14     | 5.02    | ppb   |
| Cobalt     | 59-2  | 484.24    | 489.26    | 530.17    | 501.22     | 5.03    | ppb   |
| Copper     | 63-2  | 1007.02   | 1019.00   | 1094.81   | 1040.28    | 4.58    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 102        |         | %     |
| Holmium    | 165-2 |           |           |           | 96         |         | %     |
| Indium     | 115-1 |           |           |           | 94         |         | %     |
| Indium     | 115-2 |           |           |           | 89         |         | %     |
| Iron       | 56-2  | 129053.55 | 130579.73 | 141529.92 | 133721.07  | 5.09    | ppb   |
| Iron       | 57-2  | 129795.57 | 131832.40 | 141618.67 | 134415.55  | 4.70    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 506.51    | 522.27    | 517.02    | 515.27     | 1.56    | ppb   |
| Lead       | 207-1 | 511.36    | 523.28    | 515.72    | 516.79     | 1.17    | ppb   |
| Lead       | 208-1 | 513.84    | 526.66    | 520.59    | 520.36     | 1.23    | ppb   |
| Lithium    | 6-1   |           |           |           | 94         |         | %     |
| Magnesium  | 24-2  | 257303.59 | 259998.42 | 280154.97 | 265819.00  | 4.70    | ppb   |



|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB103076            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV19               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV19               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2019-05-29 15:15:55 | DataFile Name :   | 043CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 970.80    | 984.55    | 1070.02   | 1008.46    | 5.33    | ppb   |
| Molybdenum | 94-1  | 2588.32   | 2648.48   | 2622.27   | 2619.69    | 1.15    | ppb   |
| Molybdenum | 95-1  | 2580.11   | 2657.94   | 2615.40   | 2617.82    | 1.49    | ppb   |
| Molybdenum | 96-1  | 2587.03   | 2661.25   | 2628.84   | 2625.71    | 1.42    | ppb   |
| Molybdenum | 97-1  | 2579.37   | 2648.17   | 2618.37   | 2615.30    | 1.32    | ppb   |
| Molybdenum | 98-1  | 2571.50   | 2644.21   | 2621.23   | 2612.32    | 1.42    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 478.18    | 482.60    | 521.43    | 494.07     | 4.82    | ppb   |
| Phosphorus | 31-2  | 9842.86   | 10285.84  | 10807.24  | 10311.98   | 4.68    | ppb   |
| Potassium  | 39-2  | 130694.66 | 131978.98 | 141747.73 | 134807.12  | 4.48    | ppb   |
| Rhodium    | 103-1 |           |           |           | 88         |         | %     |
| Rhodium    | 103-2 |           |           |           | 84         |         | %     |
| Scandium   | 45-1  |           |           |           | 95         |         | %     |
| Scandium   | 45-2  |           |           |           | 92         |         | %     |
| Selenium   | 77-2  | 491.05    | 505.67    | 556.11    | 517.61     | 6.59    | ppb   |
| Selenium   | 78-2  | 512.76    | 512.13    | 557.44    | 527.44     | 4.93    | ppb   |
| Selenium   | 82-1  | 511.78    | 522.81    | 516.36    | 516.98     | 1.07    | ppb   |
| Silicon    | 28-1  | 540.04    | 561.46    | 569.54    | 557.02     | 2.74    | ppb   |
| Silver     | 109-1 | 514.56    | 530.01    | 516.97    | 520.51     | 1.60    | ppb   |
| Silver     | 107-1 | 510.81    | 525.47    | 514.33    | 516.87     | 1.48    | ppb   |
| Sodium     | 23-2  | 256194.13 | 259545.69 | 279470.27 | 265070.03  | 4.75    | ppb   |
| Strontium  | 86-1  | 506.95    | 519.17    | 517.10    | 514.41     | 1.27    | ppb   |
| Strontium  | 88-1  | 511.76    | 521.45    | 521.04    | 518.08     | 1.06    | ppb   |
| Sulfur     | 34-1  | 10366.00  | 10775.02  | 10758.49  | 10633.17   | 2.18    | ppb   |
| Terbium    | 159-1 |           |           |           | 102        |         | %     |
| Terbium    | 159-2 |           |           |           | 95         |         | %     |
| Thallium   | 203-1 | 510.14    | 519.13    | 515.67    | 514.98     | 0.88    | ppb   |
| Thallium   | 205-1 | 522.37    | 534.86    | 527.85    | 528.36     | 1.19    | ppb   |
| Thorium    | 232-1 | 522.31    | 533.12    | 527.69    | 527.71     | 1.02    | ppb   |
| Tin        | 118-1 | 512.87    | 529.10    | 519.23    | 520.40     | 1.57    | ppb   |
| Titanium   | 47-1  | 2534.39   | 2599.73   | 2605.08   | 2579.73    | 1.53    | ppb   |
| Uranium    | 238-1 | 510.41    | 528.75    | 522.23    | 520.46     | 1.79    | ppb   |
| Vanadium   | 51-2  | 498.77    | 502.17    | 544.38    | 515.11     | 4.93    | ppb   |
| Yttrium    | 89-1  |           |           |           | 97         |         | %     |
| Yttrium    | 89-2  |           |           |           | 93         |         | %     |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB103076            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV19               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV19               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2019-05-29 15:15:55 | DataFile Name :   | 043CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 993.41  | 999.11  | 1071.56 | 1021.36    | 4.27    | ppb   |
| Zirconium | 90-1 | 518.08  | 532.56  | 520.03  | 523.56     | 1.50    | ppb   |
| Zirconium | 91-1 | 509.78  | 527.30  | 516.88  | 517.99     | 1.70    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB19               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB19               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 15:19:33 | DataFile Name :   | 044CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 5.92    | 5.90    | 5.25    | 5.69       | 6.72    | ppb   |
| Antimony   | 121-1 | 0.39    | 0.40    | 0.48    | 0.42       | 11.89   | ppb   |
| Arsenic    | 75-2  | 0.04    | 0.10    | 0.07    | 0.07       | 41.54   | ppb   |
| Barium     | 135-1 | 0.27    | 0.21    | 0.28    | 0.25       | 13.96   | ppb   |
| Barium     | 137-1 | 0.30    | 0.23    | 0.20    | 0.24       | 19.67   | ppb   |
| Beryllium  | 9-1   | 0.11    | 0.13    | 0.12    | 0.12       | 6.04    | ppb   |
| Bismuth    | 209-1 |         |         |         | 108        |         | %     |
| Bismuth    | 209-2 |         |         |         | 103        |         | %     |
| Boron      | 10-1  | 15.26   | 13.14   | 11.28   | 13.22      | 15.06   | ppb   |
| Boron      | 11-1  | 14.56   | 14.10   | 12.32   | 13.66      | 8.63    | ppb   |
| Cadmium    | 111-1 | -0.06   | 0.01    | 0.11    | 0.02       | 429.50  | ppb   |
| Cadmium    | 106-1 | -1.36   | -0.70   | 0.66    | -0.47      |         | ppb   |
| Cadmium    | 108-1 | 0.11    | 0.00    | 0.03    | 0.05       | 111.41  | ppb   |
| Calcium    | 43-1  | 15.58   | 20.81   | 14.31   | 16.90      | 20.39   | ppb   |
| Calcium    | 44-1  | 20.80   | 16.36   | 16.62   | 17.93      | 13.90   | ppb   |
| Chromium   | 52-2  | 0.03    | 0.03    | 0.08    | 0.04       | 62.61   | ppb   |
| Cobalt     | 59-2  | 0.04    | 0.04    | 0.04    | 0.04       | 3.24    | ppb   |
| Copper     | 63-2  | 0.10    | 0.09    | 0.09    | 0.09       | 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 |         |         |         | 107        |         | %     |
| Holmium    | 165-2 |         |         |         | 105        |         | %     |
| Indium     | 115-1 |         |         |         | 107        |         | %     |
| Indium     | 115-2 |         |         |         | 105        |         | %     |
| Iron       | 56-2  | 13.41   | 12.93   | 12.38   | 12.91      | 4.00    | ppb   |
| Iron       | 57-2  | 13.39   | 13.68   | 12.52   | 13.20      | 4.57    | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.10    | 0.07    | 0.10    | 0.09       | 15.76   | ppb   |
| Lead       | 207-1 | 0.09    | 0.09    | 0.07    | 0.08       | 10.86   | ppb   |
| Lead       | 208-1 | 0.10    | 0.09    | 0.09    | 0.09       | 7.99    | ppb   |
| Lithium    | 6-1   |         |         |         | 104        |         | %     |
| Magnesium  | 24-2  | 15.65   | 14.38   | 13.58   | 14.54      | 7.17    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB19               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB19               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 15:19:33 | DataFile Name :   | 044CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 0.10    | 0.10    | 0.08    | 0.10       | 10.57   | ppb   |
| Molybdenum | 94-1  | 0.55    | 0.45    | 0.42    | 0.48       | 14.14   | ppb   |
| Molybdenum | 95-1  | 0.63    | 0.53    | 0.54    | 0.57       | 10.30   | ppb   |
| Molybdenum | 96-1  | 0.64    | 0.52    | 0.47    | 0.54       | 16.21   | ppb   |
| Molybdenum | 97-1  | 0.67    | 0.52    | 0.50    | 0.56       | 16.02   | ppb   |
| Molybdenum | 98-1  | 0.61    | 0.53    | 0.50    | 0.55       | 10.64   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.02    | 0.05    | 0.04    | 0.04       | 36.05   | ppb   |
| Phosphorus | 31-2  | -34.23  | -27.07  | -36.12  | -32.47     |         | ppb   |
| Potassium  | 39-2  | 21.27   | 18.53   | 17.82   | 19.21      | 9.48    | ppb   |
| Rhodium    | 103-1 |         |         |         | 105        |         | %     |
| Rhodium    | 103-2 |         |         |         | 104        |         | %     |
| Scandium   | 45-1  |         |         |         | 105        |         | %     |
| Scandium   | 45-2  |         |         |         | 104        |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | -0.29   | 0.46    | -0.23   | -0.02      |         | ppb   |
| Selenium   | 82-1  | 0.06    | 0.47    | 0.51    | 0.35       | 70.74   | ppb   |
| Silicon    | 28-1  | 2.73    | 2.41    | 2.61    | 2.58       | 6.17    | ppb   |
| Silver     | 109-1 | 0.07    | 0.05    | 0.05    | 0.06       | 17.14   | ppb   |
| Silver     | 107-1 | 0.07    | 0.06    | 0.04    | 0.06       | 32.63   | ppb   |
| Sodium     | 23-2  | 53.24   | 53.07   | 46.52   | 50.94      | 7.53    | ppb   |
| Strontium  | 86-1  | 0.11    | 0.03    | 0.03    | 0.06       | 79.35   | ppb   |
| Strontium  | 88-1  | 0.05    | 0.03    | 0.04    | 0.04       | 20.69   | ppb   |
| Sulfur     | 34-1  | -343.50 | -413.09 | -340.09 | -365.56    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 108        |         | %     |
| Terbium    | 159-2 |         |         |         | 106        |         | %     |
| Thallium   | 203-1 | 0.11    | 0.09    | 0.08    | 0.09       | 14.17   | ppb   |
| Thallium   | 205-1 | 0.12    | 0.10    | 0.10    | 0.11       | 8.29    | ppb   |
| Thorium    | 232-1 | 0.06    | 0.06    | 0.06    | 0.06       | 5.96    | ppb   |
| Tin        | 118-1 | 0.15    | 0.13    | 0.10    | 0.13       | 18.07   | ppb   |
| Titanium   | 47-1  | 0.40    | 0.33    | 0.25    | 0.32       | 23.28   | ppb   |
| Uranium    | 238-1 | 0.04    | 0.03    | 0.03    | 0.03       | 18.33   | ppb   |
| Vanadium   | 51-2  | 0.04    | 0.03    | 0.02    | 0.03       | 23.22   | ppb   |
| Yttrium    | 89-1  |         |         |         | 106        |         | %     |
| Yttrium    | 89-2  |         |         |         | 105        |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB19               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB19               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 15:19:33 | DataFile Name :   | 044CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 0.11    | 0.32    | 0.23    | 0.22       | 48.28   | ppb   |
| Zirconium | 90-1 | 0.07    | 0.04    | 0.04    | 0.05       | 33.66   | ppb   |
| Zirconium | 91-1 | 0.06    | 0.05    | 0.03    | 0.05       | 32.46   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2966-03            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-15(1.2-1.7)    | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 15:23:09 | DataFile Name :   | 045SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 81303.82 | 81967.49 | 80515.58 | 81262.30   | 0.89    | ppb   |
| Antimony   | 121-1 | 0.11     | 0.13     | 0.13     | 0.12       | 10.52   | ppb   |
| Arsenic    | 75-2  | 6.79     | 6.44     | 6.43     | 6.55       | 3.15    | ppb   |
| Barium     | 135-1 | 2541.09  | 2550.70  | 2530.71  | 2540.84    | 0.39    | ppb   |
| Barium     | 137-1 | 2599.46  | 2595.75  | 2598.94  | 2598.05    | 0.08    | ppb   |
| Beryllium  | 9-1   | 6.50     | 6.45     | 6.31     | 6.42       | 1.57    | ppb   |
| Bismuth    | 209-1 |          |          |          | 105        |         | %     |
| Bismuth    | 209-2 |          |          |          | 100        |         | %     |
| Boron      | 10-1  | 10.78    | 11.02    | 10.88    | 10.90      | 1.12    | ppb   |
| Boron      | 11-1  | 11.25    | 10.99    | 11.28    | 11.17      | 1.42    | ppb   |
| Cadmium    | 111-1 | 0.76     | 0.77     | 0.72     | 0.75       | 3.58    | ppb   |
| Cadmium    | 106-1 | 11.55    | 11.84    | 10.71    | 11.37      | 5.16    | ppb   |
| Cadmium    | 108-1 | 3.75     | 4.20     | 3.72     | 3.89       | 7.04    | ppb   |
| Calcium    | 43-1  | 12310.05 | 12220.10 | 12043.60 | 12191.25   | 1.11    | ppb   |
| Calcium    | 44-1  | 12310.22 | 12307.24 | 12283.14 | 12300.20   | 0.12    | ppb   |
| Chromium   | 52-2  | 183.42   | 184.36   | 182.04   | 183.27     | 0.64    | ppb   |
| Cobalt     | 59-2  | 20.70    | 20.73    | 20.62    | 20.68      | 0.28    | ppb   |
| Copper     | 63-2  | 21.27    | 21.30    | 21.11    | 21.23      | 0.48    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 111        |         | %     |
| Holmium    | 165-2 |          |          |          | 108        |         | %     |
| Indium     | 115-1 |          |          |          | 105        |         | %     |
| Indium     | 115-2 |          |          |          | 103        |         | %     |
| Iron       | 56-2  | 56250.85 | 56690.83 | 56006.13 | 56315.94   | 0.62    | ppb   |
| Iron       | 57-2  | 55372.28 | 55742.06 | 55267.44 | 55460.59   | 0.45    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 67.82    | 67.45    | 68.50    | 67.93      | 0.79    | ppb   |
| Lead       | 207-1 | 62.19    | 61.04    | 61.26    | 61.50      | 0.99    | ppb   |
| Lead       | 208-1 | 64.84    | 64.40    | 64.29    | 64.51      | 0.45    | ppb   |
| Lithium    | 6-1   |          |          |          | 106        |         | %     |
| Magnesium  | 24-2  | 11952.93 | 11998.84 | 11893.79 | 11948.52   | 0.44    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2966-03            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-15(1.2-1.7)    | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 15:23:09 | DataFile Name :   | 045SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 412.39   | 413.40   | 412.05   | 412.61     | 0.17    | ppb   |
| Molybdenum | 94-1  | 40.00    | 39.92    | 39.57    | 39.83      | 0.57    | ppb   |
| Molybdenum | 95-1  | 0.51     | 0.53     | 0.52     | 0.52       | 1.39    | ppb   |
| Molybdenum | 96-1  | 5.61     | 5.49     | 5.67     | 5.59       | 1.66    | ppb   |
| Molybdenum | 97-1  | 0.53     | 0.54     | 0.50     | 0.52       | 4.46    | ppb   |
| Molybdenum | 98-1  | 0.54     | 0.52     | 0.52     | 0.53       | 1.94    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 62.53    | 63.04    | 61.81    | 62.46      | 0.99    | ppb   |
| Phosphorus | 31-2  | 268.24   | 260.55   | 225.50   | 251.43     | 9.06    | ppb   |
| Potassium  | 39-2  | 1576.03  | 1600.61  | 1569.26  | 1581.97    | 1.04    | ppb   |
| Rhodium    | 103-1 |          |          |          | 102        |         | %     |
| Rhodium    | 103-2 |          |          |          | 100        |         | %     |
| Scandium   | 45-1  |          |          |          | 124        |         | %     |
| Scandium   | 45-2  |          |          |          | 121        |         | %     |
| Selenium   | 77-2  | 55.92    | 61.42    | 48.50    | 55.28      | 11.73   | ppb   |
| Selenium   | 78-2  | 12.68    | 11.63    | 10.23    | 11.51      | 10.69   | ppb   |
| Selenium   | 82-1  | 4.08     | 3.49     | 3.43     | 3.67       | 9.72    | ppb   |
| Silicon    | 28-1  | 15047.56 | 15058.00 | 15041.47 | 15049.01   | 0.06    | ppb   |
| Silver     | 109-1 | 0.25     | 0.22     | 0.24     | 0.24       | 5.71    | ppb   |
| Silver     | 107-1 | 0.28     | 0.30     | 0.28     | 0.29       | 3.76    | ppb   |
| Sodium     | 23-2  | 831.57   | 830.27   | 818.37   | 826.73     | 0.88    | ppb   |
| Strontium  | 86-1  | 71.80    | 72.23    | 71.42    | 71.82      | 0.56    | ppb   |
| Strontium  | 88-1  | 71.89    | 71.99    | 71.50    | 71.79      | 0.36    | ppb   |
| Sulfur     | 34-1  | -1525.29 | -1651.64 | -1803.59 | -1660.17   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 110        |         | %     |
| Terbium    | 159-2 |          |          |          | 108        |         | %     |
| Thallium   | 203-1 | 0.52     | 0.51     | 0.52     | 0.51       | 1.40    | ppb   |
| Thallium   | 205-1 | 0.51     | 0.50     | 0.52     | 0.51       | 1.83    | ppb   |
| Thorium    | 232-1 | 40.77    | 40.92    | 40.69    | 40.79      | 0.28    | ppb   |
| Tin        | 118-1 | 0.13     | 0.16     | 0.11     | 0.14       | 17.55   | ppb   |
| Titanium   | 47-1  | 110.29   | 110.31   | 110.99   | 110.53     | 0.36    | ppb   |
| Uranium    | 238-1 | 14.81    | 14.73    | 14.76    | 14.77      | 0.28    | ppb   |
| Vanadium   | 51-2  | 133.96   | 135.71   | 133.51   | 134.39     | 0.86    | ppb   |
| Yttrium    | 89-1  |          |          |          | 154        |         | %     |
| Yttrium    | 89-2  |          |          |          | 150        |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2966-03            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-15(1.2-1.7)    | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 15:23:09 | DataFile Name :   | 045SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 155.94  | 157.57  | 156.07  | 156.53     | 0.58    | ppb   |
| Zirconium | 90-1 | 24.83   | 24.98   | 24.87   | 24.89      | 0.31    | ppb   |
| Zirconium | 91-1 | 25.51   | 25.65   | 25.25   | 25.47      | 0.80    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2966-04            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-16(2.4-2.9)    | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 15:26:47 | DataFile Name :   | 046SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 92275.21  | 91233.00  | 91637.21  | 91715.14   | 0.57    | ppb   |
| Antimony   | 121-1 | 0.09      | 0.08      | 0.09      | 0.09       | 7.57    | ppb   |
| Arsenic    | 75-2  | 20.06     | 19.49     | 19.97     | 19.84      | 1.54    | ppb   |
| Barium     | 135-1 | 770.80    | 771.32    | 765.18    | 769.10     | 0.44    | ppb   |
| Barium     | 137-1 | 762.03    | 758.52    | 760.77    | 760.44     | 0.23    | ppb   |
| Beryllium  | 9-1   | 3.77      | 3.86      | 3.81      | 3.82       | 1.10    | ppb   |
| Bismuth    | 209-1 |           |           |           | 101        |         | %     |
| Bismuth    | 209-2 |           |           |           | 97         |         | %     |
| Boron      | 10-1  | 9.20      | 9.06      | 8.48      | 8.91       | 4.29    | ppb   |
| Boron      | 11-1  | 9.80      | 9.49      | 9.31      | 9.53       | 2.61    | ppb   |
| Cadmium    | 111-1 | 0.85      | 0.96      | 0.77      | 0.86       | 10.93   | ppb   |
| Cadmium    | 106-1 | 13.79     | 15.94     | 13.26     | 14.33      | 9.91    | ppb   |
| Cadmium    | 108-1 | 5.94      | 6.92      | 6.39      | 6.42       | 7.63    | ppb   |
| Calcium    | 43-1  | 9126.95   | 9160.52   | 9190.73   | 9159.40    | 0.35    | ppb   |
| Calcium    | 44-1  | 9270.65   | 9195.45   | 9219.37   | 9228.49    | 0.42    | ppb   |
| Chromium   | 52-2  | 226.32    | 225.89    | 227.34    | 226.51     | 0.33    | ppb   |
| Cobalt     | 59-2  | 42.66     | 42.44     | 42.69     | 42.60      | 0.32    | ppb   |
| Copper     | 63-2  | 48.04     | 47.93     | 47.43     | 47.80      | 0.68    | 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 |           |           |           | 107        |         | %     |
| Holmium    | 165-2 |           |           |           | 106        |         | %     |
| Indium     | 115-1 |           |           |           | 102        |         | %     |
| Indium     | 115-2 |           |           |           | 101        |         | %     |
| Iron       | 56-2  | 218775.34 | 216734.20 | 218010.33 | 217839.96  | 0.47    | ppb   |
| Iron       | 57-2  | 216760.82 | 216577.21 | 216849.40 | 216729.14  | 0.06    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 87.21     | 86.49     | 86.22     | 86.64      | 0.59    | ppb   |
| Lead       | 207-1 | 79.30     | 78.85     | 78.93     | 79.03      | 0.30    | ppb   |
| Lead       | 208-1 | 83.14     | 82.72     | 82.65     | 82.84      | 0.32    | ppb   |
| Lithium    | 6-1   |           |           |           | 105        |         | %     |
| Magnesium  | 24-2  | 21186.11  | 20999.53  | 21070.52  | 21085.39   | 0.45    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2966-04            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-16(2.4-2.9)    | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 15:26:47 | DataFile Name :   | 046SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 297.91   | 294.98   | 296.95   | 296.61     | 0.50    | ppb   |
| Molybdenum | 94-1  | 68.39    | 68.34    | 67.73    | 68.15      | 0.54    | ppb   |
| Molybdenum | 95-1  | 1.08     | 0.97     | 0.99     | 1.01       | 5.87    | ppb   |
| Molybdenum | 96-1  | 10.18    | 10.02    | 10.04    | 10.08      | 0.86    | ppb   |
| Molybdenum | 97-1  | 0.92     | 1.14     | 1.05     | 1.03       | 10.52   | ppb   |
| Molybdenum | 98-1  | 1.03     | 0.98     | 0.99     | 1.00       | 2.54    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 73.86    | 73.21    | 73.58    | 73.55      | 0.44    | ppb   |
| Phosphorus | 31-2  | 347.03   | 392.57   | 394.09   | 377.90     | 7.08    | ppb   |
| Potassium  | 39-2  | 997.96   | 971.94   | 986.07   | 985.32     | 1.32    | ppb   |
| Rhodium    | 103-1 |          |          |          | 98         |         | %     |
| Rhodium    | 103-2 |          |          |          | 98         |         | %     |
| Scandium   | 45-1  |          |          |          | 122        |         | %     |
| Scandium   | 45-2  |          |          |          | 122        |         | %     |
| Selenium   | 77-2  | 47.38    | 55.42    | 60.40    | 54.40      | 12.08   | ppb   |
| Selenium   | 78-2  | 10.81    | 11.69    | 11.26    | 11.25      | 3.94    | ppb   |
| Selenium   | 82-1  | 3.89     | 3.55     | 3.87     | 3.77       | 5.09    | ppb   |
| Silicon    | 28-1  | 13539.21 | 13574.27 | 13566.29 | 13559.92   | 0.14    | ppb   |
| Silver     | 109-1 | 0.11     | 0.11     | 0.12     | 0.11       | 6.67    | ppb   |
| Silver     | 107-1 | 0.21     | 0.18     | 0.18     | 0.19       | 8.10    | ppb   |
| Sodium     | 23-2  | 1076.59  | 1068.53  | 1073.92  | 1073.01    | 0.38    | ppb   |
| Strontium  | 86-1  | 48.81    | 49.58    | 49.22    | 49.20      | 0.78    | ppb   |
| Strontium  | 88-1  | 48.90    | 48.56    | 48.71    | 48.72      | 0.35    | ppb   |
| Sulfur     | 34-1  | -2778.61 | -2701.07 | -2767.55 | -2749.08   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 107        |         | %     |
| Terbium    | 159-2 |          |          |          | 106        |         | %     |
| Thallium   | 203-1 | 0.87     | 0.86     | 0.81     | 0.84       | 4.01    | ppb   |
| Thallium   | 205-1 | 0.84     | 0.82     | 0.79     | 0.82       | 3.14    | ppb   |
| Thorium    | 232-1 | 44.55    | 43.98    | 43.81    | 44.11      | 0.89    | ppb   |
| Tin        | 118-1 | 0.14     | 0.14     | 0.17     | 0.15       | 9.79    | ppb   |
| Titanium   | 47-1  | 237.50   | 236.15   | 235.12   | 236.26     | 0.51    | ppb   |
| Uranium    | 238-1 | 17.02    | 16.83    | 16.75    | 16.87      | 0.82    | ppb   |
| Vanadium   | 51-2  | 382.04   | 378.89   | 378.13   | 379.69     | 0.55    | ppb   |
| Yttrium    | 89-1  |          |          |          | 139        |         | %     |
| Yttrium    | 89-2  |          |          |          | 139        |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2966-04            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-16(2.4-2.9)    | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 15:26:47 | DataFile Name :   | 046SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 163.12  | 161.65  | 163.72  | 162.83     | 0.65    | ppb   |
| Zirconium | 90-1 | 42.40   | 42.69   | 42.64   | 42.58      | 0.37    | ppb   |
| Zirconium | 91-1 | 43.85   | 43.47   | 43.26   | 43.53      | 0.69    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2966-05            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-17(1.9-2.4)    | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 15:30:25 | DataFile Name :   | 047SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 112521.92 | 113902.53 | 113601.80 | 113342.08  | 0.64    | ppb   |
| Antimony   | 121-1 | 0.07      | 0.10      | 0.08      | 0.08       | 16.18   | ppb   |
| Arsenic    | 75-2  | 12.96     | 13.32     | 12.37     | 12.88      | 3.71    | ppb   |
| Barium     | 135-1 | 2143.53   | 2109.82   | 2147.92   | 2133.76    | 0.98    | ppb   |
| Barium     | 137-1 | 2190.73   | 2160.42   | 2166.46   | 2172.54    | 0.74    | ppb   |
| Beryllium  | 9-1   | 9.23      | 9.38      | 9.46      | 9.36       | 1.25    | ppb   |
| Bismuth    | 209-1 |           |           |           | 102        |         | %     |
| Bismuth    | 209-2 |           |           |           | 96         |         | %     |
| Boron      | 10-1  | 12.49     | 12.44     | 12.96     | 12.63      | 2.27    | ppb   |
| Boron      | 11-1  | 12.91     | 12.38     | 13.15     | 12.81      | 3.07    | ppb   |
| Cadmium    | 111-1 | 1.86      | 1.79      | 1.74      | 1.80       | 3.32    | ppb   |
| Cadmium    | 106-1 | 24.36     | 23.32     | 21.55     | 23.08      | 6.16    | ppb   |
| Cadmium    | 108-1 | 8.71      | 9.11      | 8.27      | 8.70       | 4.80    | ppb   |
| Calcium    | 43-1  | 13425.50  | 13550.85  | 13343.96  | 13440.10   | 0.78    | ppb   |
| Calcium    | 44-1  | 13590.39  | 13581.00  | 13522.28  | 13564.56   | 0.27    | ppb   |
| Chromium   | 52-2  | 314.07    | 314.21    | 313.00    | 313.76     | 0.21    | ppb   |
| Cobalt     | 59-2  | 56.78     | 57.11     | 57.06     | 56.98      | 0.31    | ppb   |
| Copper     | 63-2  | 81.33     | 81.70     | 80.94     | 81.33      | 0.47    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 108        |         | %     |
| Holmium    | 165-2 |           |           |           | 106        |         | %     |
| Indium     | 115-1 |           |           |           | 102        |         | %     |
| Indium     | 115-2 |           |           |           | 100        |         | %     |
| Iron       | 56-2  | 172287.09 | 171951.59 | 172368.53 | 172202.40  | 0.13    | ppb   |
| Iron       | 57-2  | 172177.61 | 171057.22 | 170991.83 | 171408.88  | 0.39    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 152.59    | 153.06    | 152.65    | 152.77     | 0.17    | ppb   |
| Lead       | 207-1 | 140.73    | 139.95    | 138.94    | 139.88     | 0.64    | ppb   |
| Lead       | 208-1 | 146.45    | 145.12    | 145.07    | 145.55     | 0.54    | ppb   |
| Lithium    | 6-1   |           |           |           | 106        |         | %     |
| Magnesium  | 24-2  | 17702.07  | 18250.99  | 18104.81  | 18019.29   | 1.58    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2966-05            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-17(1.9-2.4)    | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 15:30:25 | DataFile Name :   | 047SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 455.81   | 452.12   | 454.34   | 454.09     | 0.41    | ppb   |
| Molybdenum | 94-1  | 77.60    | 76.75    | 76.18    | 76.84      | 0.93    | ppb   |
| Molybdenum | 95-1  | 0.75     | 0.76     | 0.77     | 0.76       | 0.98    | ppb   |
| Molybdenum | 96-1  | 10.74    | 10.98    | 10.49    | 10.73      | 2.30    | ppb   |
| Molybdenum | 97-1  | 0.74     | 0.73     | 0.74     | 0.74       | 1.10    | ppb   |
| Molybdenum | 98-1  | 0.71     | 0.68     | 0.73     | 0.71       | 3.12    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 103.71   | 103.58   | 102.22   | 103.17     | 0.80    | ppb   |
| Phosphorus | 31-2  | 915.25   | 958.64   | 932.55   | 935.48     | 2.33    | ppb   |
| Potassium  | 39-2  | 1356.47  | 1340.61  | 1339.09  | 1345.39    | 0.72    | ppb   |
| Rhodium    | 103-1 |          |          |          | 98         |         | %     |
| Rhodium    | 103-2 |          |          |          | 97         |         | %     |
| Scandium   | 45-1  |          |          |          | 128        |         | %     |
| Scandium   | 45-2  |          |          |          | 126        |         | %     |
| Selenium   | 77-2  | 59.95    | 62.27    | 55.49    | 59.24      | 5.81    | ppb   |
| Selenium   | 78-2  | 13.67    | 13.37    | 13.88    | 13.64      | 1.89    | ppb   |
| Selenium   | 82-1  | 5.63     | 4.79     | 5.13     | 5.18       | 8.19    | ppb   |
| Silicon    | 28-1  | 11972.70 | 11942.14 | 11870.16 | 11928.33   | 0.44    | ppb   |
| Silver     | 109-1 | 0.40     | 0.37     | 0.36     | 0.38       | 5.33    | ppb   |
| Silver     | 107-1 | 0.48     | 0.45     | 0.52     | 0.48       | 7.13    | ppb   |
| Sodium     | 23-2  | 865.41   | 870.24   | 863.73   | 866.46     | 0.39    | ppb   |
| Strontium  | 86-1  | 65.57    | 64.79    | 65.00    | 65.12      | 0.62    | ppb   |
| Strontium  | 88-1  | 65.29    | 64.77    | 65.34    | 65.13      | 0.48    | ppb   |
| Sulfur     | 34-1  | -2717.91 | -2760.45 | -2819.84 | -2766.07   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 108        |         | %     |
| Terbium    | 159-2 |          |          |          | 107        |         | %     |
| Thallium   | 203-1 | 1.38     | 1.40     | 1.35     | 1.38       | 1.81    | ppb   |
| Thallium   | 205-1 | 1.35     | 1.38     | 1.46     | 1.40       | 4.10    | ppb   |
| Thorium    | 232-1 | 50.74    | 50.54    | 50.43    | 50.57      | 0.31    | ppb   |
| Tin        | 118-1 | 0.17     | 0.19     | 0.16     | 0.17       | 9.36    | ppb   |
| Titanium   | 47-1  | 265.23   | 266.28   | 263.85   | 265.12     | 0.46    | ppb   |
| Uranium    | 238-1 | 22.55    | 22.27    | 22.24    | 22.35      | 0.77    | ppb   |
| Vanadium   | 51-2  | 633.47   | 637.15   | 631.15   | 633.92     | 0.48    | ppb   |
| Yttrium    | 89-1  |          |          |          | 170        |         | %     |
| Yttrium    | 89-2  |          |          |          | 167        |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2966-05            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-17(1.9-2.4)    | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 15:30:25 | DataFile Name :   | 047SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 308.85  | 312.75  | 311.50  | 311.03     | 0.64    | ppb   |
| Zirconium | 90-1 | 48.52   | 48.30   | 48.00   | 48.28      | 0.54    | ppb   |
| Zirconium | 91-1 | 49.45   | 48.97   | 48.72   | 49.05      | 0.76    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2966-06            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-18(2.5-3.0)    | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 15:34:03 | DataFile Name :   | 048SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 83204.38  | 80727.23  | 84137.85  | 82689.82   | 2.13    | ppb   |
| Antimony   | 121-1 | 1.83      | 1.80      | 1.83      | 1.82       | 0.87    | ppb   |
| Arsenic    | 75-2  | 61.27     | 58.21     | 60.33     | 59.94      | 2.62    | ppb   |
| Barium     | 135-1 | 1259.16   | 1249.48   | 1259.51   | 1256.05    | 0.45    | ppb   |
| Barium     | 137-1 | 1250.00   | 1251.23   | 1251.70   | 1250.97    | 0.07    | ppb   |
| Beryllium  | 9-1   | 5.62      | 5.76      | 5.68      | 5.69       | 1.28    | ppb   |
| Bismuth    | 209-1 |           |           |           | 109        |         | %     |
| Bismuth    | 209-2 |           |           |           | 102        |         | %     |
| Boron      | 10-1  | 19.38     | 19.47     | 19.82     | 19.56      | 1.20    | ppb   |
| Boron      | 11-1  | 19.32     | 18.97     | 20.29     | 19.53      | 3.49    | ppb   |
| Cadmium    | 111-1 | 6.96      | 6.70      | 6.90      | 6.85       | 2.00    | ppb   |
| Cadmium    | 106-1 | 23.15     | 23.42     | 22.69     | 23.09      | 1.60    | ppb   |
| Cadmium    | 108-1 | 13.75     | 14.45     | 13.73     | 13.98      | 2.96    | ppb   |
| Calcium    | 43-1  | 15953.68  | 15885.10  | 15831.79  | 15890.19   | 0.38    | ppb   |
| Calcium    | 44-1  | 16114.26  | 16053.88  | 16108.65  | 16092.26   | 0.21    | ppb   |
| Chromium   | 52-2  | 463.16    | 448.44    | 465.24    | 458.95     | 2.00    | ppb   |
| Cobalt     | 59-2  | 104.80    | 101.37    | 105.02    | 103.73     | 1.97    | ppb   |
| Copper     | 63-2  | 808.78    | 785.91    | 812.27    | 802.32     | 1.78    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 114        |         | %     |
| Holmium    | 165-2 |           |           |           | 110        |         | %     |
| Indium     | 115-1 |           |           |           | 108        |         | %     |
| Indium     | 115-2 |           |           |           | 105        |         | %     |
| Iron       | 56-2  | 213008.07 | 206387.83 | 213166.89 | 210854.27  | 1.83    | ppb   |
| Iron       | 57-2  | 212444.70 | 205013.19 | 211825.52 | 209761.14  | 1.97    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 4824.77   | 4798.11   | 4805.31   | 4809.40    | 0.29    | ppb   |
| Lead       | 207-1 | 4486.28   | 4405.64   | 4460.59   | 4450.84    | 0.93    | ppb   |
| Lead       | 208-1 | 4615.97   | 4577.83   | 4608.02   | 4600.61    | 0.44    | ppb   |
| Lithium    | 6-1   |           |           |           | 110        |         | %     |
| Magnesium  | 24-2  | 29984.65  | 29180.96  | 30157.16  | 29774.26   | 1.75    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2966-06            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-18(2.5-3.0)    | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 15:34:03 | DataFile Name :   | 048SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 2956.28  | 2875.81  | 2968.35  | 2933.48    | 1.71    | ppb   |
| Molybdenum | 94-1  | 94.58    | 95.31    | 94.17    | 94.69      | 0.61    | ppb   |
| Molybdenum | 95-1  | 4.29     | 4.52     | 4.45     | 4.42       | 2.75    | ppb   |
| Molybdenum | 96-1  | 16.40    | 16.67    | 16.37    | 16.48      | 0.99    | ppb   |
| Molybdenum | 97-1  | 4.21     | 4.44     | 4.33     | 4.33       | 2.62    | ppb   |
| Molybdenum | 98-1  | 4.28     | 4.50     | 4.45     | 4.41       | 2.70    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 169.09   | 164.68   | 170.48   | 168.08     | 1.80    | ppb   |
| Phosphorus | 31-2  | 5607.46  | 5399.53  | 5694.51  | 5567.17    | 2.72    | ppb   |
| Potassium  | 39-2  | 2968.53  | 2895.02  | 2992.15  | 2951.90    | 1.72    | ppb   |
| Rhodium    | 103-1 |          |          |          | 104        |         | %     |
| Rhodium    | 103-2 |          |          |          | 103        |         | %     |
| Scandium   | 45-1  |          |          |          | 129        |         | %     |
| Scandium   | 45-2  |          |          |          | 125        |         | %     |
| Selenium   | 77-2  | 43.12    | 46.85    | 44.73    | 44.90      | 4.16    | ppb   |
| Selenium   | 78-2  | 10.98    | 11.65    | 11.22    | 11.28      | 3.02    | ppb   |
| Selenium   | 82-1  | 5.81     | 5.93     | 5.92     | 5.89       | 1.15    | ppb   |
| Silicon    | 28-1  | 18749.27 | 18513.82 | 18738.04 | 18667.04   | 0.71    | ppb   |
| Silver     | 109-1 | 3.83     | 3.78     | 3.83     | 3.81       | 0.77    | ppb   |
| Silver     | 107-1 | 3.82     | 3.92     | 3.88     | 3.87       | 1.26    | ppb   |
| Sodium     | 23-2  | 1230.24  | 1201.79  | 1241.78  | 1224.60    | 1.68    | ppb   |
| Strontium  | 86-1  | 92.32    | 91.67    | 91.59    | 91.86      | 0.43    | ppb   |
| Strontium  | 88-1  | 92.10    | 92.05    | 91.43    | 91.86      | 0.41    | ppb   |
| Sulfur     | 34-1  | -1236.15 | -1255.55 | -1148.08 | -1213.26   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 114        |         | %     |
| Terbium    | 159-2 |          |          |          | 110        |         | %     |
| Thallium   | 203-1 | 0.84     | 0.77     | 0.83     | 0.81       | 5.00    | ppb   |
| Thallium   | 205-1 | 0.85     | 0.80     | 0.81     | 0.82       | 3.13    | ppb   |
| Thorium    | 232-1 | 24.00    | 23.79    | 23.88    | 23.89      | 0.42    | ppb   |
| Tin        | 118-1 | 9.79     | 9.63     | 9.77     | 9.73       | 0.92    | ppb   |
| Titanium   | 47-1  | 1531.28  | 1514.91  | 1519.06  | 1521.75    | 0.56    | ppb   |
| Uranium    | 238-1 | 9.83     | 9.89     | 9.96     | 9.89       | 0.65    | ppb   |
| Vanadium   | 51-2  | 445.47   | 434.93   | 450.04   | 443.48     | 1.75    | ppb   |
| Yttrium    | 89-1  |          |          |          | 150        |         | %     |
| Yttrium    | 89-2  |          |          |          | 147        |         | %     |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2966-06            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-18(2.5-3.0)    | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 15:34:03 | DataFile Name :   | 048SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 1505.02 | 1478.82 | 1529.50 | 1504.44    | 1.68    | ppb   |
| Zirconium | 90-1 | 57.83   | 57.99   | 58.28   | 58.03      | 0.39    | ppb   |
| Zirconium | 91-1 | 60.10   | 59.53   | 58.89   | 59.51      | 1.02    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2986-01            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-19(6.5-7)      | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 15:37:44 | DataFile Name :   | 049SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 118467.86 | 116488.27 | 117403.93 | 117453.35  | 0.84    | ppb   |
| Antimony   | 121-1 | 0.03      | 0.04      | 0.04      | 0.04       | 11.83   | ppb   |
| Arsenic    | 75-2  | 7.89      | 7.66      | 7.67      | 7.74       | 1.67    | ppb   |
| Barium     | 135-1 | 4469.74   | 4446.10   | 4402.37   | 4439.40    | 0.77    | ppb   |
| Barium     | 137-1 | 4502.43   | 4442.94   | 4431.10   | 4458.82    | 0.86    | ppb   |
| Beryllium  | 9-1   | 15.89     | 15.74     | 15.67     | 15.77      | 0.73    | ppb   |
| Bismuth    | 209-1 |           |           |           | 99         |         | %     |
| Bismuth    | 209-2 |           |           |           | 95         |         | %     |
| Boron      | 10-1  | 10.74     | 11.94     | 10.23     | 10.97      | 8.01    | ppb   |
| Boron      | 11-1  | 10.83     | 10.71     | 10.23     | 10.59      | 2.99    | ppb   |
| Cadmium    | 111-1 | 1.70      | 1.90      | 1.85      | 1.82       | 5.73    | ppb   |
| Cadmium    | 106-1 | 25.18     | 27.57     | 26.89     | 26.54      | 4.64    | ppb   |
| Cadmium    | 108-1 | 9.18      | 8.42      | 8.84      | 8.81       | 4.27    | ppb   |
| Calcium    | 43-1  | 18406.62  | 18150.84  | 18080.18  | 18212.55   | 0.94    | ppb   |
| Calcium    | 44-1  | 18381.10  | 18353.94  | 18430.49  | 18388.51   | 0.21    | ppb   |
| Chromium   | 52-2  | 298.57    | 296.95    | 298.03    | 297.85     | 0.28    | ppb   |
| Cobalt     | 59-2  | 58.70     | 58.43     | 58.60     | 58.58      | 0.23    | ppb   |
| Copper     | 63-2  | 87.80     | 87.66     | 87.52     | 87.66      | 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 |           |           |           | 107        |         | %     |
| Holmium    | 165-2 |           |           |           | 106        |         | %     |
| Indium     | 115-1 |           |           |           | 99         |         | %     |
| Indium     | 115-2 |           |           |           | 98         |         | %     |
| Iron       | 56-2  | 64007.98  | 63286.05  | 63529.37  | 63607.80   | 0.58    | ppb   |
| Iron       | 57-2  | 62083.95  | 62483.28  | 62370.49  | 62312.57   | 0.33    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 143.59    | 142.32    | 140.25    | 142.06     | 1.19    | ppb   |
| Lead       | 207-1 | 130.22    | 129.18    | 127.15    | 128.85     | 1.21    | ppb   |
| Lead       | 208-1 | 136.31    | 135.30    | 132.97    | 134.86     | 1.27    | ppb   |
| Lithium    | 6-1   |           |           |           | 103        |         | %     |
| Magnesium  | 24-2  | 26768.89  | 26317.99  | 26308.31  | 26465.06   | 0.99    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2986-01            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-19(6.5-7)      | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 15:37:44 | DataFile Name :   | 049SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 319.87   | 320.23   | 318.49   | 319.53     | 0.29    | ppb   |
| Molybdenum | 94-1  | 66.40    | 64.92    | 65.29    | 65.54      | 1.18    | ppb   |
| Molybdenum | 95-1  | 0.34     | 0.33     | 0.36     | 0.34       | 4.46    | ppb   |
| Molybdenum | 96-1  | 8.63     | 8.38     | 8.46     | 8.49       | 1.47    | ppb   |
| Molybdenum | 97-1  | 0.32     | 0.29     | 0.30     | 0.30       | 5.03    | ppb   |
| Molybdenum | 98-1  | 0.34     | 0.31     | 0.34     | 0.33       | 5.10    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 162.49   | 160.03   | 161.75   | 161.42     | 0.78    | ppb   |
| Phosphorus | 31-2  | 191.66   | 195.14   | 226.67   | 204.49     | 9.43    | ppb   |
| Potassium  | 39-2  | 2525.77  | 2485.93  | 2511.69  | 2507.80    | 0.81    | ppb   |
| Rhodium    | 103-1 |          |          |          | 95         |         | %     |
| Rhodium    | 103-2 |          |          |          | 96         |         | %     |
| Scandium   | 45-1  |          |          |          | 127        |         | %     |
| Scandium   | 45-2  |          |          |          | 126        |         | %     |
| Selenium   | 77-2  | 71.06    | 74.60    | 73.67    | 73.11      | 2.51    | ppb   |
| Selenium   | 78-2  | 15.81    | 15.20    | 14.70    | 15.24      | 3.63    | ppb   |
| Selenium   | 82-1  | 3.84     | 3.44     | 3.63     | 3.63       | 5.51    | ppb   |
| Silicon    | 28-1  | 9949.03  | 9911.93  | 9843.55  | 9901.50    | 0.54    | ppb   |
| Silver     | 109-1 | 0.38     | 0.35     | 0.35     | 0.36       | 4.15    | ppb   |
| Silver     | 107-1 | 0.45     | 0.45     | 0.44     | 0.45       | 0.93    | ppb   |
| Sodium     | 23-2  | 3864.60  | 3849.92  | 3839.33  | 3851.28    | 0.33    | ppb   |
| Strontium  | 86-1  | 81.39    | 80.11    | 80.62    | 80.71      | 0.80    | ppb   |
| Strontium  | 88-1  | 79.86    | 79.53    | 79.83    | 79.74      | 0.23    | ppb   |
| Sulfur     | 34-1  | -1267.82 | -1409.02 | -1421.47 | -1366.10   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 107        |         | %     |
| Terbium    | 159-2 |          |          |          | 106        |         | %     |
| Thallium   | 203-1 | 1.25     | 1.18     | 1.17     | 1.20       | 3.70    | ppb   |
| Thallium   | 205-1 | 1.26     | 1.22     | 1.18     | 1.22       | 3.30    | ppb   |
| Thorium    | 232-1 | 76.57    | 75.74    | 75.05    | 75.79      | 1.00    | ppb   |
| Tin        | 118-1 | 0.21     | 0.21     | 0.23     | 0.22       | 5.74    | ppb   |
| Titanium   | 47-1  | 212.06   | 211.13   | 212.23   | 211.81     | 0.28    | ppb   |
| Uranium    | 238-1 | 13.69    | 13.56    | 13.44    | 13.56      | 0.90    | ppb   |
| Vanadium   | 51-2  | 239.90   | 238.95   | 240.53   | 239.79     | 0.33    | ppb   |
| Yttrium    | 89-1  |          |          |          | 201        |         | %     |
| Yttrium    | 89-2  |          |          |          | 198        |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2986-01            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-19(6.5-7)      | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 15:37:44 | DataFile Name :   | 049SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 323.19  | 325.42  | 324.00  | 324.21     | 0.35    | ppb   |
| Zirconium | 90-1 | 41.39   | 41.44   | 41.19   | 41.34      | 0.32    | ppb   |
| Zirconium | 91-1 | 41.98   | 41.74   | 42.35   | 42.02      | 0.73    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2986-02            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-21(4.5-5)      | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 15:41:22 | DataFile Name :   | 050SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 118502.58 | 117372.96 | 118146.52 | 118007.36  | 0.49    | ppb   |
| Antimony   | 121-1 | 0.01      | 0.01      | 0.02      | 0.01       | 26.12   | ppb   |
| Arsenic    | 75-2  | 8.18      | 8.23      | 7.87      | 8.09       | 2.37    | ppb   |
| Barium     | 135-1 | 926.97    | 923.99    | 924.92    | 925.30     | 0.16    | ppb   |
| Barium     | 137-1 | 929.08    | 929.53    | 917.95    | 925.52     | 0.71    | ppb   |
| Beryllium  | 9-1   | 8.94      | 9.14      | 9.16      | 9.08       | 1.38    | ppb   |
| Bismuth    | 209-1 |           |           |           | 99         |         | %     |
| Bismuth    | 209-2 |           |           |           | 95         |         | %     |
| Boron      | 10-1  | 6.68      | 7.17      | 7.79      | 7.21       | 7.66    | ppb   |
| Boron      | 11-1  | 7.45      | 7.54      | 7.04      | 7.34       | 3.62    | ppb   |
| Cadmium    | 111-1 | 1.17      | 1.49      | 1.35      | 1.34       | 12.05   | ppb   |
| Cadmium    | 106-1 | 17.90     | 21.61     | 19.89     | 19.80      | 9.39    | ppb   |
| Cadmium    | 108-1 | 6.35      | 6.05      | 6.60      | 6.33       | 4.39    | ppb   |
| Calcium    | 43-1  | 8295.73   | 8332.27   | 8307.75   | 8311.91    | 0.22    | ppb   |
| Calcium    | 44-1  | 8392.61   | 8406.11   | 8415.39   | 8404.70    | 0.14    | ppb   |
| Chromium   | 52-2  | 259.10    | 254.42    | 255.48    | 256.33     | 0.96    | ppb   |
| Cobalt     | 59-2  | 100.18    | 99.12     | 100.70    | 100.00     | 0.80    | ppb   |
| Copper     | 63-2  | 45.72     | 44.79     | 44.97     | 45.16      | 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 |           |           |           | 105        |         | %     |
| Indium     | 115-1 |           |           |           | 100        |         | %     |
| Indium     | 115-2 |           |           |           | 98         |         | %     |
| Iron       | 56-2  | 142836.39 | 141257.82 | 142508.99 | 142201.07  | 0.59    | ppb   |
| Iron       | 57-2  | 142510.92 | 140282.25 | 142157.05 | 141650.08  | 0.85    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 118.67    | 118.63    | 117.45    | 118.25     | 0.58    | ppb   |
| Lead       | 207-1 | 108.07    | 107.61    | 106.38    | 107.35     | 0.81    | ppb   |
| Lead       | 208-1 | 112.94    | 112.33    | 111.49    | 112.26     | 0.65    | ppb   |
| Lithium    | 6-1   |           |           |           | 105        |         | %     |
| Magnesium  | 24-2  | 33627.69  | 33160.64  | 33393.38  | 33393.90   | 0.70    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2986-02            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-21(4.5-5)      | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 15:41:22 | DataFile Name :   | 050SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 339.91   | 337.44   | 340.88   | 339.41     | 0.52    | ppb   |
| Molybdenum | 94-1  | 47.06    | 47.14    | 47.68    | 47.29      | 0.71    | ppb   |
| Molybdenum | 95-1  | 0.19     | 0.18     | 0.20     | 0.19       | 6.70    | ppb   |
| Molybdenum | 96-1  | 6.37     | 6.54     | 6.38     | 6.43       | 1.45    | ppb   |
| Molybdenum | 97-1  | 0.20     | 0.16     | 0.17     | 0.17       | 11.32   | ppb   |
| Molybdenum | 98-1  | 0.18     | 0.18     | 0.18     | 0.18       | 0.55    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 138.44   | 137.16   | 136.35   | 137.32     | 0.77    | ppb   |
| Phosphorus | 31-2  | 138.43   | 119.45   | 127.65   | 128.51     | 7.41    | ppb   |
| Potassium  | 39-2  | 1902.62  | 1875.40  | 1891.87  | 1889.96    | 0.73    | ppb   |
| Rhodium    | 103-1 |          |          |          | 96         |         | %     |
| Rhodium    | 103-2 |          |          |          | 95         |         | %     |
| Scandium   | 45-1  |          |          |          | 124        |         | %     |
| Scandium   | 45-2  |          |          |          | 122        |         | %     |
| Selenium   | 77-2  | 70.48    | 68.89    | 72.25    | 70.54      | 2.38    | ppb   |
| Selenium   | 78-2  | 15.12    | 15.01    | 14.93    | 15.02      | 0.63    | ppb   |
| Selenium   | 82-1  | 3.56     | 3.80     | 3.72     | 3.69       | 3.39    | ppb   |
| Silicon    | 28-1  | 11336.41 | 11296.21 | 11420.79 | 11351.13   | 0.56    | ppb   |
| Silver     | 109-1 | 0.39     | 0.40     | 0.41     | 0.40       | 2.50    | ppb   |
| Silver     | 107-1 | 0.46     | 0.48     | 0.43     | 0.46       | 5.65    | ppb   |
| Sodium     | 23-2  | 3865.40  | 3827.84  | 3836.20  | 3843.15    | 0.51    | ppb   |
| Strontium  | 86-1  | 46.31    | 46.08    | 46.32    | 46.24      | 0.29    | ppb   |
| Strontium  | 88-1  | 46.09    | 45.85    | 46.11    | 46.01      | 0.32    | ppb   |
| Sulfur     | 34-1  | -2730.49 | -2687.60 | -2648.27 | -2688.78   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 107        |         | %     |
| Terbium    | 159-2 |          |          |          | 106        |         | %     |
| Thallium   | 203-1 | 0.94     | 0.83     | 0.93     | 0.90       | 6.78    | ppb   |
| Thallium   | 205-1 | 0.94     | 0.88     | 0.92     | 0.92       | 3.26    | ppb   |
| Thorium    | 232-1 | 62.83    | 62.43    | 62.23    | 62.50      | 0.50    | ppb   |
| Tin        | 118-1 | 0.14     | 0.15     | 0.16     | 0.15       | 4.24    | ppb   |
| Titanium   | 47-1  | 253.43   | 256.78   | 254.58   | 254.93     | 0.67    | ppb   |
| Uranium    | 238-1 | 16.27    | 15.87    | 15.97    | 16.03      | 1.29    | ppb   |
| Vanadium   | 51-2  | 222.51   | 219.88   | 221.19   | 221.19     | 0.59    | ppb   |
| Yttrium    | 89-1  |          |          |          | 194        |         | %     |
| Yttrium    | 89-2  |          |          |          | 191        |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2986-02            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-21(4.5-5)      | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 15:41:22 | DataFile Name :   | 050SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 276.77  | 275.10  | 275.77  | 275.88     | 0.30    | ppb   |
| Zirconium | 90-1 | 29.87   | 29.72   | 29.79   | 29.79      | 0.24    | ppb   |
| Zirconium | 91-1 | 30.67   | 30.33   | 30.52   | 30.50      | 0.57    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2986-03            | Instrumnet Name : | P7        |
| Client Sample ID :      | FEQC-052119         | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 15:45:01 | DataFile Name :   | 051SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 90210.81 | 88106.59 | 89441.98 | 89253.13   | 1.19    | ppb   |
| Antimony   | 121-1 | 0.03     | 0.02     | 0.04     | 0.03       | 27.62   | ppb   |
| Arsenic    | 75-2  | 6.66     | 6.74     | 6.57     | 6.66       | 1.25    | ppb   |
| Barium     | 135-1 | 2240.48  | 2232.04  | 2211.18  | 2227.90    | 0.68    | ppb   |
| Barium     | 137-1 | 2285.17  | 2288.44  | 2290.86  | 2288.16    | 0.12    | ppb   |
| Beryllium  | 9-1   | 8.62     | 8.67     | 8.29     | 8.53       | 2.42    | ppb   |
| Bismuth    | 209-1 |          |          |          | 102        |         | %     |
| Bismuth    | 209-2 |          |          |          | 96         |         | %     |
| Boron      | 10-1  | 12.12    | 11.82    | 13.11    | 12.35      | 5.44    | ppb   |
| Boron      | 11-1  | 11.90    | 11.88    | 12.44    | 12.07      | 2.64    | ppb   |
| Cadmium    | 111-1 | 2.17     | 2.12     | 2.08     | 2.12       | 2.11    | ppb   |
| Cadmium    | 106-1 | 30.77    | 29.93    | 30.02    | 30.24      | 1.53    | ppb   |
| Cadmium    | 108-1 | 12.40    | 13.01    | 12.85    | 12.75      | 2.48    | ppb   |
| Calcium    | 43-1  | 12661.30 | 12580.69 | 12653.24 | 12631.74   | 0.35    | ppb   |
| Calcium    | 44-1  | 12797.07 | 12691.70 | 12856.91 | 12781.89   | 0.65    | ppb   |
| Chromium   | 52-2  | 301.52   | 296.49   | 301.77   | 299.93     | 0.99    | ppb   |
| Cobalt     | 59-2  | 56.44    | 54.95    | 56.15    | 55.85      | 1.42    | ppb   |
| Copper     | 63-2  | 171.64   | 169.74   | 173.24   | 171.54     | 1.02    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 109        |         | %     |
| Holmium    | 165-2 |          |          |          | 105        |         | %     |
| Indium     | 115-1 |          |          |          | 101        |         | %     |
| Indium     | 115-2 |          |          |          | 99         |         | %     |
| Iron       | 56-2  | 63011.30 | 61886.99 | 62665.66 | 62521.32   | 0.92    | ppb   |
| Iron       | 57-2  | 61558.26 | 60632.38 | 61443.41 | 61211.35   | 0.82    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 115.22   | 115.12   | 115.77   | 115.37     | 0.30    | ppb   |
| Lead       | 207-1 | 104.76   | 104.89   | 104.38   | 104.68     | 0.25    | ppb   |
| Lead       | 208-1 | 109.72   | 109.66   | 109.70   | 109.70     | 0.03    | ppb   |
| Lithium    | 6-1   |          |          |          | 104        |         | %     |
| Magnesium  | 24-2  | 27752.01 | 27367.99 | 27641.27 | 27587.09   | 0.72    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2986-03            | Instrumnet Name : | P7        |
| Client Sample ID :      | FEQC-052119         | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 15:45:01 | DataFile Name :   | 051SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 455.51   | 445.97   | 456.17   | 452.55     | 1.26    | ppb   |
| Molybdenum | 94-1  | 108.17   | 107.04   | 107.03   | 107.41     | 0.61    | ppb   |
| Molybdenum | 95-1  | 0.27     | 0.33     | 0.33     | 0.31       | 11.44   | ppb   |
| Molybdenum | 96-1  | 13.92    | 13.94    | 13.75    | 13.87      | 0.74    | ppb   |
| Molybdenum | 97-1  | 0.26     | 0.27     | 0.34     | 0.29       | 14.70   | ppb   |
| Molybdenum | 98-1  | 0.29     | 0.28     | 0.27     | 0.28       | 3.75    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 148.23   | 146.08   | 147.71   | 147.34     | 0.76    | ppb   |
| Phosphorus | 31-2  | 890.59   | 888.69   | 981.07   | 920.12     | 5.74    | ppb   |
| Potassium  | 39-2  | 3017.23  | 2980.80  | 3028.65  | 3008.89    | 0.83    | ppb   |
| Rhodium    | 103-1 |          |          |          | 98         |         | %     |
| Rhodium    | 103-2 |          |          |          | 96         |         | %     |
| Scandium   | 45-1  |          |          |          | 126        |         | %     |
| Scandium   | 45-2  |          |          |          | 123        |         | %     |
| Selenium   | 77-2  | 67.15    | 65.64    | 66.26    | 66.35      | 1.15    | ppb   |
| Selenium   | 78-2  | 13.20    | 12.61    | 12.74    | 12.85      | 2.39    | ppb   |
| Selenium   | 82-1  | 3.52     | 3.56     | 3.29     | 3.46       | 4.24    | ppb   |
| Silicon    | 28-1  | 7959.44  | 7897.58  | 7866.76  | 7907.93    | 0.60    | ppb   |
| Silver     | 109-1 | 0.38     | 0.43     | 0.38     | 0.39       | 7.19    | ppb   |
| Silver     | 107-1 | 0.49     | 0.53     | 0.54     | 0.52       | 4.63    | ppb   |
| Sodium     | 23-2  | 2252.87  | 2231.88  | 2270.36  | 2251.70    | 0.86    | ppb   |
| Strontium  | 86-1  | 57.13    | 56.61    | 57.28    | 57.01      | 0.62    | ppb   |
| Strontium  | 88-1  | 56.66    | 56.98    | 56.69    | 56.78      | 0.31    | ppb   |
| Sulfur     | 34-1  | -1436.96 | -1475.04 | -1514.26 | -1475.42   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 109        |         | %     |
| Terbium    | 159-2 |          |          |          | 105        |         | %     |
| Thallium   | 203-1 | 0.92     | 0.93     | 0.94     | 0.93       | 1.42    | ppb   |
| Thallium   | 205-1 | 0.89     | 0.92     | 0.90     | 0.91       | 1.80    | ppb   |
| Thorium    | 232-1 | 58.50    | 57.75    | 58.15    | 58.13      | 0.64    | ppb   |
| Tin        | 118-1 | 0.62     | 0.64     | 0.55     | 0.60       | 7.28    | ppb   |
| Titanium   | 47-1  | 1066.75  | 1050.42  | 1053.78  | 1056.98    | 0.82    | ppb   |
| Uranium    | 238-1 | 17.73    | 17.85    | 17.73    | 17.77      | 0.38    | ppb   |
| Vanadium   | 51-2  | 268.86   | 264.03   | 268.66   | 267.18     | 1.02    | ppb   |
| Yttrium    | 89-1  |          |          |          | 178        |         | %     |
| Yttrium    | 89-2  |          |          |          | 174        |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2986-03            | Instrumnet Name : | P7        |
| Client Sample ID :      | FEQC-052119         | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 15:45:01 | DataFile Name :   | 051SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 440.85  | 437.42  | 446.88  | 441.72     | 1.08    | ppb   |
| Zirconium | 90-1 | 68.16   | 67.94   | 67.45   | 67.85      | 0.53    | ppb   |
| Zirconium | 91-1 | 69.27   | 70.21   | 69.16   | 69.55      | 0.83    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-01DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-11(7-7.5)DL    | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 15:48:40 | DataFile Name :   | 052SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 14118.29 | 13968.25 | 13691.02 | 13925.85   | 1.56    | ppb   |
| Antimony   | 121-1 | 0.02     | 0.02     | 0.03     | 0.02       | 16.57   | ppb   |
| Arsenic    | 75-2  | 4.87     | 5.04     | 4.93     | 4.95       | 1.70    | ppb   |
| Barium     | 135-1 | 61.05    | 61.29    | 60.22    | 60.85      | 0.92    | ppb   |
| Barium     | 137-1 | 60.45    | 61.28    | 60.91    | 60.88      | 0.69    | ppb   |
| Beryllium  | 9-1   | 0.85     | 0.77     | 0.74     | 0.79       | 6.85    | ppb   |
| Bismuth    | 209-1 |          |          |          | 107        |         | %     |
| Bismuth    | 209-2 |          |          |          | 101        |         | %     |
| Boron      | 10-1  | 3.33     | 3.70     | 3.79     | 3.61       | 6.71    | ppb   |
| Boron      | 11-1  | 3.40     | 3.56     | 3.78     | 3.58       | 5.32    | ppb   |
| Cadmium    | 111-1 | -0.01    | -0.09    | 0.07     | -0.01      |         | ppb   |
| Cadmium    | 106-1 | -0.37    | -1.27    | 0.54     | -0.37      |         | ppb   |
| Cadmium    | 108-1 | 1.18     | 0.76     | 0.69     | 0.88       | 30.59   | ppb   |
| Calcium    | 43-1  | 842.50   | 793.45   | 821.25   | 819.07     | 3.00    | ppb   |
| Calcium    | 44-1  | 844.31   | 825.20   | 827.13   | 832.21     | 1.26    | ppb   |
| Chromium   | 52-2  | 33.00    | 33.13    | 32.28    | 32.81      | 1.39    | ppb   |
| Cobalt     | 59-2  | 7.95     | 7.97     | 7.77     | 7.90       | 1.41    | ppb   |
| Copper     | 63-2  | 9.75     | 9.37     | 9.17     | 9.43       | 3.10    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 109        |         | %     |
| Holmium    | 165-2 |          |          |          | 106        |         | %     |
| Indium     | 115-1 |          |          |          | 106        |         | %     |
| Indium     | 115-2 |          |          |          | 105        |         | %     |
| Iron       | 56-2  | 29335.98 | 29005.54 | 28432.23 | 28924.58   | 1.58    | ppb   |
| Iron       | 57-2  | 28198.42 | 27900.09 | 27472.37 | 27856.96   | 1.31    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 13.66    | 13.64    | 13.65    | 13.65      | 0.09    | ppb   |
| Lead       | 207-1 | 12.30    | 12.68    | 12.22    | 12.40      | 1.97    | ppb   |
| Lead       | 208-1 | 12.90    | 13.08    | 12.97    | 12.98      | 0.70    | ppb   |
| Lithium    | 6-1   |          |          |          | 105        |         | %     |
| Magnesium  | 24-2  | 4499.21  | 4486.50  | 4359.02  | 4448.24    | 1.74    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-01DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-11(7-7.5)DL    | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 15:48:40 | DataFile Name :   | 052SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 107.52   | 106.63   | 104.00   | 106.05     | 1.72    | ppb   |
| Molybdenum | 94-1  | 12.19    | 12.15    | 12.04    | 12.13      | 0.68    | ppb   |
| Molybdenum | 95-1  | 0.37     | 0.29     | 0.35     | 0.34       | 11.64   | ppb   |
| Molybdenum | 96-1  | 1.87     | 1.91     | 1.81     | 1.86       | 2.88    | ppb   |
| Molybdenum | 97-1  | 0.37     | 0.34     | 0.32     | 0.34       | 7.01    | ppb   |
| Molybdenum | 98-1  | 0.32     | 0.38     | 0.32     | 0.34       | 10.00   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 22.64    | 22.29    | 22.22    | 22.38      | 0.99    | ppb   |
| Phosphorus | 31-2  | 662.04   | 569.10   | 599.33   | 610.16     | 7.77    | ppb   |
| Potassium  | 39-2  | 692.66   | 686.70   | 670.89   | 683.41     | 1.65    | ppb   |
| Rhodium    | 103-1 |          |          |          | 105        |         | %     |
| Rhodium    | 103-2 |          |          |          | 103        |         | %     |
| Scandium   | 45-1  |          |          |          | 107        |         | %     |
| Scandium   | 45-2  |          |          |          | 104        |         | %     |
| Selenium   | 77-2  | 4.95     | 7.38     | 4.44     | 5.59       | 28.06   | ppb   |
| Selenium   | 78-2  | 1.97     | 1.14     | 1.89     | 1.67       | 27.49   | ppb   |
| Selenium   | 82-1  | 0.34     | 0.37     | 0.72     | 0.48       | 44.00   | ppb   |
| Silicon    | 28-1  | 3327.59  | 3308.91  | 3308.34  | 3314.95    | 0.33    | ppb   |
| Silver     | 109-1 | 0.01     | 0.01     | 0.01     | 0.01       | 26.43   | ppb   |
| Silver     | 107-1 | 0.02     | 0.03     | 0.02     | 0.03       | 20.38   | ppb   |
| Sodium     | 23-2  | 72.64    | 70.41    | 67.96    | 70.34      | 3.33    | ppb   |
| Strontium  | 86-1  | 7.03     | 6.84     | 6.86     | 6.91       | 1.55    | ppb   |
| Strontium  | 88-1  | 6.83     | 6.91     | 6.94     | 6.89       | 0.86    | ppb   |
| Sulfur     | 34-1  | -2610.98 | -2702.06 | -2710.69 | -2674.57   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 109        |         | %     |
| Terbium    | 159-2 |          |          |          | 107        |         | %     |
| Thallium   | 203-1 | 0.08     | 0.09     | 0.07     | 0.08       | 12.06   | ppb   |
| Thallium   | 205-1 | 0.09     | 0.08     | 0.09     | 0.09       | 5.53    | ppb   |
| Thorium    | 232-1 | 5.11     | 5.07     | 5.12     | 5.10       | 0.53    | ppb   |
| Tin        | 118-1 | 0.04     | 0.06     | 0.06     | 0.05       | 18.58   | ppb   |
| Titanium   | 47-1  | 136.35   | 132.93   | 133.52   | 134.27     | 1.36    | ppb   |
| Uranium    | 238-1 | 0.97     | 0.96     | 0.96     | 0.96       | 0.49    | ppb   |
| Vanadium   | 51-2  | 43.67    | 43.30    | 42.82    | 43.27      | 0.98    | ppb   |
| Yttrium    | 89-1  |          |          |          | 110        |         | %     |
| Yttrium    | 89-2  |          |          |          | 108        |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-01DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-11(7-7.5)DL    | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 15:48:40 | DataFile Name :   | 052SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 41.81   | 43.50   | 41.66   | 42.32      | 2.41    | ppb   |
| Zirconium | 90-1 | 7.22    | 7.35    | 7.38    | 7.32       | 1.10    | ppb   |
| Zirconium | 91-1 | 7.62    | 7.59    | 7.63    | 7.61       | 0.28    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-02DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-12(9.5-10)DL   | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 15:52:17 | DataFile Name :   | 053SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 16859.35 | 16835.27 | 16664.88 | 16786.50   | 0.63    | ppb   |
| Antimony   | 121-1 | 0.06     | 0.05     | 0.06     | 0.06       | 12.29   | ppb   |
| Arsenic    | 75-2  | 9.37     | 8.72     | 9.03     | 9.04       | 3.63    | ppb   |
| Barium     | 135-1 | 62.26    | 62.41    | 62.89    | 62.52      | 0.53    | ppb   |
| Barium     | 137-1 | 62.44    | 61.56    | 62.15    | 62.05      | 0.72    | ppb   |
| Beryllium  | 9-1   | 1.11     | 1.15     | 1.13     | 1.13       | 2.09    | ppb   |
| Bismuth    | 209-1 |          |          |          | 105        |         | %     |
| Bismuth    | 209-2 |          |          |          | 101        |         | %     |
| Boron      | 10-1  | 3.11     | 2.93     | 3.18     | 3.07       | 4.18    | ppb   |
| Boron      | 11-1  | 3.45     | 3.31     | 3.47     | 3.41       | 2.61    | ppb   |
| Cadmium    | 111-1 | 0.20     | 0.24     | 0.21     | 0.22       | 9.70    | ppb   |
| Cadmium    | 106-1 | 0.92     | 1.31     | 1.08     | 1.10       | 17.79   | ppb   |
| Cadmium    | 108-1 | 1.38     | 1.32     | 1.07     | 1.26       | 13.15   | ppb   |
| Calcium    | 43-1  | 769.43   | 743.10   | 758.73   | 757.09     | 1.75    | ppb   |
| Calcium    | 44-1  | 768.02   | 775.97   | 766.62   | 770.21     | 0.65    | ppb   |
| Chromium   | 52-2  | 31.62    | 31.45    | 31.10    | 31.39      | 0.85    | ppb   |
| Cobalt     | 59-2  | 18.08    | 17.99    | 18.03    | 18.03      | 0.26    | ppb   |
| Copper     | 63-2  | 36.19    | 35.41    | 35.03    | 35.54      | 1.66    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 106        |         | %     |
| Holmium    | 165-2 |          |          |          | 106        |         | %     |
| Indium     | 115-1 |          |          |          | 105        |         | %     |
| Indium     | 115-2 |          |          |          | 105        |         | %     |
| Iron       | 56-2  | 45420.43 | 45099.24 | 44475.61 | 44998.43   | 1.07    | ppb   |
| Iron       | 57-2  | 43656.67 | 43572.57 | 42956.99 | 43395.41   | 0.88    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 19.48    | 19.44    | 19.44    | 19.46      | 0.11    | ppb   |
| Lead       | 207-1 | 17.55    | 17.70    | 17.88    | 17.71      | 0.92    | ppb   |
| Lead       | 208-1 | 18.47    | 18.55    | 18.36    | 18.46      | 0.50    | ppb   |
| Lithium    | 6-1   |          |          |          | 103        |         | %     |
| Magnesium  | 24-2  | 7910.54  | 7861.50  | 7755.89  | 7842.65    | 1.01    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-02DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-12(9.5-10)DL   | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 15:52:17 | DataFile Name :   | 053SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 1065.74  | 1061.71  | 1050.99  | 1059.48    | 0.72    | ppb   |
| Molybdenum | 94-1  | 18.66    | 17.60    | 18.54    | 18.27      | 3.20    | ppb   |
| Molybdenum | 95-1  | 1.47     | 1.31     | 1.45     | 1.41       | 6.00    | ppb   |
| Molybdenum | 96-1  | 3.76     | 3.62     | 3.62     | 3.66       | 2.26    | ppb   |
| Molybdenum | 97-1  | 1.37     | 1.38     | 1.39     | 1.38       | 0.57    | ppb   |
| Molybdenum | 98-1  | 1.46     | 1.39     | 1.46     | 1.44       | 2.74    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 42.18    | 41.73    | 41.56    | 41.82      | 0.76    | ppb   |
| Phosphorus | 31-2  | 526.72   | 445.85   | 513.53   | 495.36     | 8.76    | ppb   |
| Potassium  | 39-2  | 1114.84  | 1105.36  | 1089.60  | 1103.27    | 1.16    | ppb   |
| Rhodium    | 103-1 |          |          |          | 103        |         | %     |
| Rhodium    | 103-2 |          |          |          | 103        |         | %     |
| Scandium   | 45-1  |          |          |          | 106        |         | %     |
| Scandium   | 45-2  |          |          |          | 106        |         | %     |
| Selenium   | 77-2  | 12.22    | 11.38    | 10.45    | 11.35      | 7.77    | ppb   |
| Selenium   | 78-2  | 2.13     | 1.27     | 2.82     | 2.07       | 37.38   | ppb   |
| Selenium   | 82-1  | 0.76     | 0.32     | 0.84     | 0.64       | 43.77   | ppb   |
| Silicon    | 28-1  | 3223.22  | 3244.87  | 3221.85  | 3229.98    | 0.40    | ppb   |
| Silver     | 109-1 | 0.03     | 0.03     | 0.03     | 0.03       | 5.33    | ppb   |
| Silver     | 107-1 | 0.05     | 0.05     | 0.04     | 0.05       | 11.49   | ppb   |
| Sodium     | 23-2  | 51.86    | 51.84    | 50.80    | 51.50      | 1.18    | ppb   |
| Strontium  | 86-1  | 8.45     | 8.51     | 8.61     | 8.52       | 0.95    | ppb   |
| Strontium  | 88-1  | 8.71     | 8.67     | 8.67     | 8.68       | 0.26    | ppb   |
| Sulfur     | 34-1  | -2751.46 | -2710.13 | -2763.56 | -2741.72   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 106        |         | %     |
| Terbium    | 159-2 |          |          |          | 107        |         | %     |
| Thallium   | 203-1 | 0.15     | 0.14     | 0.11     | 0.13       | 14.17   | ppb   |
| Thallium   | 205-1 | 0.12     | 0.13     | 0.12     | 0.12       | 5.20    | ppb   |
| Thorium    | 232-1 | 6.90     | 6.88     | 6.91     | 6.90       | 0.15    | ppb   |
| Tin        | 118-1 | 0.09     | 0.08     | 0.09     | 0.09       | 4.64    | ppb   |
| Titanium   | 47-1  | 73.09    | 75.02    | 74.34    | 74.15      | 1.32    | ppb   |
| Uranium    | 238-1 | 0.89     | 0.89     | 0.88     | 0.89       | 0.71    | ppb   |
| Vanadium   | 51-2  | 26.65    | 26.02    | 26.29    | 26.32      | 1.21    | ppb   |
| Yttrium    | 89-1  |          |          |          | 112        |         | %     |
| Yttrium    | 89-2  |          |          |          | 113        |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-02DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-12(9.5-10)DL   | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 15:52:17 | DataFile Name :   | 053SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 93.56   | 91.88   | 91.65   | 92.36      | 1.13    | ppb   |
| Zirconium | 90-1 | 11.04   | 10.87   | 10.93   | 10.95      | 0.79    | ppb   |
| Zirconium | 91-1 | 11.00   | 10.84   | 11.32   | 11.05      | 2.19    | ppb   |



LB Number : LB103076 Operator : Jaswal  
 Lab Sample ID : K2906-02DUPDLX5 Instrumnet Name : P7  
 Client Sample ID : FESB-12(9.5-10)DUPDL Dilution Factor : 5  
 Date & Time Acquired :: 2019-05-29 15:55:53 DataFile Name : 054SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 16857.40 | 16999.90 | 16888.31 | 16915.20   | 0.44    | ppb   |
| Antimony   | 121-1 | 0.08     | 0.12     | 0.06     | 0.08       | 35.60   | ppb   |
| Arsenic    | 75-2  | 9.12     | 9.34     | 9.18     | 9.21       | 1.26    | ppb   |
| Barium     | 135-1 | 63.53    | 62.40    | 63.00    | 62.98      | 0.90    | ppb   |
| Barium     | 137-1 | 63.95    | 61.57    | 63.27    | 62.93      | 1.95    | ppb   |
| Beryllium  | 9-1   | 1.19     | 1.14     | 1.10     | 1.15       | 3.77    | ppb   |
| Bismuth    | 209-1 |          |          |          | 106        |         | %     |
| Bismuth    | 209-2 |          |          |          | 102        |         | %     |
| Boron      | 10-1  | 2.87     | 2.84     | 3.51     | 3.07       | 12.33   | ppb   |
| Boron      | 11-1  | 3.24     | 2.96     | 3.44     | 3.21       | 7.41    | ppb   |
| Cadmium    | 111-1 | 0.36     | 0.16     | 0.20     | 0.24       | 43.31   | ppb   |
| Cadmium    | 106-1 | 3.00     | 0.52     | 1.06     | 1.52       | 85.44   | ppb   |
| Cadmium    | 108-1 | 1.59     | 1.45     | 1.28     | 1.44       | 10.66   | ppb   |
| Calcium    | 43-1  | 757.44   | 774.27   | 753.88   | 761.86     | 1.43    | ppb   |
| Calcium    | 44-1  | 772.94   | 754.92   | 770.37   | 766.08     | 1.27    | ppb   |
| Chromium   | 52-2  | 31.90    | 32.12    | 31.51    | 31.84      | 0.97    | ppb   |
| Cobalt     | 59-2  | 18.42    | 18.21    | 18.05    | 18.23      | 1.02    | ppb   |
| Copper     | 63-2  | 35.70    | 35.92    | 35.58    | 35.73      | 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 |          |          |          | 108        |         | %     |
| Holmium    | 165-2 |          |          |          | 108        |         | %     |
| Indium     | 115-1 |          |          |          | 107        |         | %     |
| Indium     | 115-2 |          |          |          | 107        |         | %     |
| Iron       | 56-2  | 45486.64 | 45472.55 | 45148.25 | 45369.15   | 0.42    | ppb   |
| Iron       | 57-2  | 43986.12 | 43847.92 | 43700.20 | 43844.75   | 0.33    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 20.02    | 19.50    | 19.72    | 19.75      | 1.33    | ppb   |
| Lead       | 207-1 | 18.20    | 17.89    | 17.78    | 17.96      | 1.22    | ppb   |
| Lead       | 208-1 | 18.89    | 18.43    | 18.69    | 18.67      | 1.23    | ppb   |
| Lithium    | 6-1   |          |          |          | 105        |         | %     |
| Magnesium  | 24-2  | 7803.73  | 7885.15  | 7849.29  | 7846.06    | 0.52    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB103076             | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-02DUPDLX5      | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-12(9.5-10)DUPDL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 15:55:53  | DataFile Name :   | 054SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 1059.23  | 1056.09  | 1045.13  | 1053.48    | 0.70    | ppb   |
| Molybdenum | 94-1  | 18.63    | 18.53    | 18.61    | 18.59      | 0.30    | ppb   |
| Molybdenum | 95-1  | 1.58     | 1.49     | 1.65     | 1.57       | 5.05    | ppb   |
| Molybdenum | 96-1  | 4.04     | 3.89     | 3.89     | 3.94       | 2.17    | ppb   |
| Molybdenum | 97-1  | 1.59     | 1.36     | 1.44     | 1.46       | 7.99    | ppb   |
| Molybdenum | 98-1  | 1.59     | 1.55     | 1.43     | 1.52       | 5.45    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 42.72    | 42.43    | 42.01    | 42.39      | 0.83    | ppb   |
| Phosphorus | 31-2  | 506.27   | 546.63   | 472.36   | 508.42     | 7.31    | ppb   |
| Potassium  | 39-2  | 1120.24  | 1112.04  | 1117.42  | 1116.57    | 0.37    | ppb   |
| Rhodium    | 103-1 |          |          |          | 105        |         | %     |
| Rhodium    | 103-2 |          |          |          | 105        |         | %     |
| Scandium   | 45-1  |          |          |          | 109        |         | %     |
| Scandium   | 45-2  |          |          |          | 109        |         | %     |
| Selenium   | 77-2  | 6.15     | 16.01    | 14.93    | 12.37      | 43.77   | ppb   |
| Selenium   | 78-2  | 2.66     | 2.56     | 2.58     | 2.60       | 1.99    | ppb   |
| Selenium   | 82-1  | 0.52     | 0.54     | 0.70     | 0.59       | 17.34   | ppb   |
| Silicon    | 28-1  | 3299.20  | 3227.75  | 3254.55  | 3260.50    | 1.11    | ppb   |
| Silver     | 109-1 | 0.03     | 0.02     | 0.04     | 0.03       | 26.78   | ppb   |
| Silver     | 107-1 | 0.04     | 0.03     | 0.04     | 0.04       | 10.94   | ppb   |
| Sodium     | 23-2  | 49.56    | 51.07    | 52.41    | 51.01      | 2.79    | ppb   |
| Strontium  | 86-1  | 8.78     | 8.52     | 8.42     | 8.58       | 2.16    | ppb   |
| Strontium  | 88-1  | 8.78     | 8.59     | 8.60     | 8.66       | 1.22    | ppb   |
| Sulfur     | 34-1  | -2725.03 | -2777.16 | -2729.05 | -2743.75   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 108        |         | %     |
| Terbium    | 159-2 |          |          |          | 108        |         | %     |
| Thallium   | 203-1 | 0.12     | 0.11     | 0.14     | 0.12       | 11.76   | ppb   |
| Thallium   | 205-1 | 0.13     | 0.13     | 0.13     | 0.13       | 3.30    | ppb   |
| Thorium    | 232-1 | 6.93     | 6.82     | 6.85     | 6.87       | 0.88    | ppb   |
| Tin        | 118-1 | 0.07     | 0.07     | 0.06     | 0.07       | 3.27    | ppb   |
| Titanium   | 47-1  | 76.32    | 75.68    | 75.61    | 75.87      | 0.52    | ppb   |
| Uranium    | 238-1 | 0.91     | 0.91     | 0.88     | 0.90       | 1.83    | ppb   |
| Vanadium   | 51-2  | 26.59    | 26.55    | 26.36    | 26.50      | 0.45    | ppb   |
| Yttrium    | 89-1  |          |          |          | 115        |         | %     |
| Yttrium    | 89-2  |          |          |          | 115        |         | %     |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB103076             | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-02DUPDLX5      | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-12(9.5-10)DUPDL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 15:55:53  | DataFile Name :   | 054SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 95.09   | 93.74   | 93.07   | 93.97      | 1.10    | ppb   |
| Zirconium | 90-1 | 11.39   | 11.16   | 11.31   | 11.29      | 1.02    | ppb   |
| Zirconium | 91-1 | 11.42   | 11.50   | 11.43   | 11.45      | 0.37    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB103076            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV20               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV20               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2019-05-29 16:02:05 | DataFile Name :   | 055CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 55086.14  | 54941.94  | 55182.79  | 55070.29   | 0.22    | ppb   |
| Antimony   | 121-1 | 511.26    | 514.56    | 510.63    | 512.15     | 0.41    | ppb   |
| Arsenic    | 75-2  | 516.99    | 516.81    | 516.25    | 516.68     | 0.08    | ppb   |
| Barium     | 135-1 | 2604.21   | 2601.06   | 2587.40   | 2597.55    | 0.34    | ppb   |
| Barium     | 137-1 | 2651.06   | 2684.25   | 2645.42   | 2660.24    | 0.79    | ppb   |
| Beryllium  | 9-1   | 524.18    | 524.15    | 520.01    | 522.78     | 0.46    | ppb   |
| Bismuth    | 209-1 |           |           |           | 92         |         | %     |
| Bismuth    | 209-2 |           |           |           | 87         |         | %     |
| Boron      | 10-1  | 490.53    | 496.87    | 507.32    | 498.24     | 1.70    | ppb   |
| Boron      | 11-1  | 497.90    | 507.45    | 511.57    | 505.64     | 1.39    | ppb   |
| Cadmium    | 111-1 | 481.90    | 484.29    | 475.26    | 480.48     | 0.97    | ppb   |
| Cadmium    | 106-1 | 504.05    | 503.49    | 483.53    | 497.03     | 2.35    | ppb   |
| Cadmium    | 108-1 | 488.51    | 489.48    | 490.34    | 489.45     | 0.19    | ppb   |
| Calcium    | 43-1  | 243210.94 | 250815.12 | 243094.26 | 245706.77  | 1.80    | ppb   |
| Calcium    | 44-1  | 243990.27 | 252350.12 | 244338.45 | 246892.95  | 1.92    | ppb   |
| Chromium   | 52-2  | 488.39    | 492.96    | 489.97    | 490.44     | 0.47    | ppb   |
| Cobalt     | 59-2  | 483.12    | 484.70    | 484.53    | 484.12     | 0.18    | ppb   |
| Copper     | 63-2  | 968.30    | 972.75    | 971.80    | 970.95     | 0.24    | 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 |           |           |           | 102        |         | %     |
| Holmium    | 165-2 |           |           |           | 99         |         | %     |
| Indium     | 115-1 |           |           |           | 94         |         | %     |
| Indium     | 115-2 |           |           |           | 92         |         | %     |
| Iron       | 56-2  | 129395.20 | 130003.44 | 129546.62 | 129648.42  | 0.24    | ppb   |
| Iron       | 57-2  | 128480.44 | 129643.59 | 130213.87 | 129445.96  | 0.68    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 510.05    | 514.39    | 510.50    | 511.65     | 0.47    | ppb   |
| Lead       | 207-1 | 513.89    | 519.03    | 516.11    | 516.34     | 0.50    | ppb   |
| Lead       | 208-1 | 517.84    | 522.29    | 519.72    | 519.95     | 0.43    | ppb   |
| Lithium    | 6-1   |           |           |           | 93         |         | %     |
| Magnesium  | 24-2  | 253656.33 | 256664.62 | 255720.09 | 255347.02  | 0.60    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB103076            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV20               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV20               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2019-05-29 16:02:05 | DataFile Name :   | 055CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 966.31    | 976.76    | 974.25    | 972.44     | 0.56    | ppb   |
| Molybdenum | 94-1  | 2601.10   | 2619.64   | 2600.60   | 2607.11    | 0.42    | ppb   |
| Molybdenum | 95-1  | 2600.23   | 2611.00   | 2605.56   | 2605.60    | 0.21    | ppb   |
| Molybdenum | 96-1  | 2595.73   | 2609.77   | 2606.34   | 2603.95    | 0.28    | ppb   |
| Molybdenum | 97-1  | 2589.33   | 2604.76   | 2603.85   | 2599.31    | 0.33    | ppb   |
| Molybdenum | 98-1  | 2580.11   | 2610.03   | 2586.60   | 2592.25    | 0.61    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 476.39    | 479.74    | 481.80    | 479.31     | 0.57    | ppb   |
| Phosphorus | 31-2  | 9927.00   | 10236.57  | 9714.69   | 9959.42    | 2.64    | ppb   |
| Potassium  | 39-2  | 130443.89 | 131432.28 | 130773.38 | 130883.18  | 0.38    | ppb   |
| Rhodium    | 103-1 |           |           |           | 88         |         | %     |
| Rhodium    | 103-2 |           |           |           | 87         |         | %     |
| Scandium   | 45-1  |           |           |           | 95         |         | %     |
| Scandium   | 45-2  |           |           |           | 96         |         | %     |
| Selenium   | 77-2  | 534.47    | 500.04    | 503.25    | 512.59     | 3.71    | ppb   |
| Selenium   | 78-2  | 512.43    | 497.96    | 521.59    | 510.66     | 2.33    | ppb   |
| Selenium   | 82-1  | 505.09    | 510.75    | 505.79    | 507.21     | 0.61    | ppb   |
| Silicon    | 28-1  | 538.93    | 560.66    | 547.64    | 549.08     | 1.99    | ppb   |
| Silver     | 109-1 | 493.10    | 497.65    | 489.67    | 493.48     | 0.81    | ppb   |
| Silver     | 107-1 | 492.03    | 495.82    | 486.20    | 491.35     | 0.99    | ppb   |
| Sodium     | 23-2  | 252265.36 | 255881.65 | 256628.60 | 254925.21  | 0.92    | ppb   |
| Strontium  | 86-1  | 506.62    | 512.48    | 513.01    | 510.70     | 0.69    | ppb   |
| Strontium  | 88-1  | 508.99    | 517.44    | 515.08    | 513.84     | 0.85    | ppb   |
| Sulfur     | 34-1  | 10532.07  | 11123.36  | 10515.80  | 10723.74   | 3.23    | ppb   |
| Terbium    | 159-1 |           |           |           | 101        |         | %     |
| Terbium    | 159-2 |           |           |           | 99         |         | %     |
| Thallium   | 203-1 | 510.28    | 513.43    | 516.11    | 513.27     | 0.57    | ppb   |
| Thallium   | 205-1 | 525.40    | 532.33    | 530.40    | 529.38     | 0.68    | ppb   |
| Thorium    | 232-1 | 522.28    | 527.56    | 527.16    | 525.67     | 0.56    | ppb   |
| Tin        | 118-1 | 515.88    | 520.36    | 514.19    | 516.81     | 0.62    | ppb   |
| Titanium   | 47-1  | 2540.79   | 2642.20   | 2551.88   | 2578.29    | 2.16    | ppb   |
| Uranium    | 238-1 | 516.16    | 521.85    | 517.90    | 518.63     | 0.56    | ppb   |
| Vanadium   | 51-2  | 491.52    | 497.29    | 497.34    | 495.39     | 0.68    | ppb   |
| Yttrium    | 89-1  |           |           |           | 97         |         | %     |
| Yttrium    | 89-2  |           |           |           | 96         |         | %     |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB103076            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV20               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV20               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2019-05-29 16:02:05 | DataFile Name :   | 055CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 955.17  | 955.21  | 945.75  | 952.05     | 0.57    | ppb   |
| Zirconium | 90-1 | 519.83  | 524.53  | 521.37  | 521.91     | 0.46    | ppb   |
| Zirconium | 91-1 | 514.79  | 519.29  | 514.89  | 516.32     | 0.50    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB20               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB20               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 16:06:44 | DataFile Name :   | 056CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 2.28    | 1.97    | 2.33    | 2.19       | 8.96    | ppb   |
| Antimony   | 121-1 | 0.26    | 0.31    | 0.33    | 0.30       | 11.48   | ppb   |
| Arsenic    | 75-2  | 0.03    | 0.06    | 0.10    | 0.06       | 60.45   | ppb   |
| Barium     | 135-1 | 0.17    | 0.17    | 0.09    | 0.14       | 33.52   | ppb   |
| Barium     | 137-1 | 0.11    | 0.14    | 0.08    | 0.11       | 25.63   | ppb   |
| Beryllium  | 9-1   | 0.08    | 0.11    | 0.08    | 0.09       | 15.47   | ppb   |
| Bismuth    | 209-1 |         |         |         | 107        |         | %     |
| Bismuth    | 209-2 |         |         |         | 100        |         | %     |
| Boron      | 10-1  | 11.65   | 11.18   | 10.26   | 11.03      | 6.42    | ppb   |
| Boron      | 11-1  | 11.74   | 11.10   | 10.62   | 11.15      | 5.06    | ppb   |
| Cadmium    | 111-1 | 0.02    | -0.01   | 0.04    | 0.02       | 190.47  | ppb   |
| Cadmium    | 106-1 | -0.13   | -0.52   | 0.24    | -0.13      |         | ppb   |
| Cadmium    | 108-1 | 0.06    | -0.02   | 0.03    | 0.02       | 172.38  | ppb   |
| Calcium    | 43-1  | 10.63   | 10.25   | 11.90   | 10.92      | 7.90    | ppb   |
| Calcium    | 44-1  | 11.79   | 7.91    | 8.87    | 9.52       | 21.23   | ppb   |
| Chromium   | 52-2  | 0.03    | -0.01   | 0.03    | 0.02       | 126.29  | ppb   |
| Cobalt     | 59-2  | 0.02    | 0.01    | 0.02    | 0.02       | 25.44   | ppb   |
| Copper     | 63-2  | 0.07    | 0.01    | 0.06    | 0.05       | 73.52   | 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 |         |         |         | 106        |         | %     |
| Holmium    | 165-2 |         |         |         | 103        |         | %     |
| Indium     | 115-1 |         |         |         | 107        |         | %     |
| Indium     | 115-2 |         |         |         | 103        |         | %     |
| Iron       | 56-2  | 5.64    | 4.69    | 5.07    | 5.13       | 9.30    | ppb   |
| Iron       | 57-2  | 5.76    | 4.62    | 3.56    | 4.65       | 23.58   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.08    | 0.07    | 0.07    | 0.08       | 10.16   | ppb   |
| Lead       | 207-1 | 0.07    | 0.05    | 0.06    | 0.06       | 16.44   | ppb   |
| Lead       | 208-1 | 0.07    | 0.07    | 0.06    | 0.07       | 7.51    | ppb   |
| Lithium    | 6-1   |         |         |         | 104        |         | %     |
| Magnesium  | 24-2  | 8.60    | 7.62    | 7.59    | 7.93       | 7.27    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB20               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB20               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 16:06:44 | DataFile Name :   | 056CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 0.05    | 0.05    | 0.01    | 0.04       | 60.73   | ppb   |
| Molybdenum | 94-1  | 0.28    | 0.30    | 0.24    | 0.27       | 10.27   | ppb   |
| Molybdenum | 95-1  | 0.31    | 0.32    | 0.34    | 0.32       | 4.69    | ppb   |
| Molybdenum | 96-1  | 0.32    | 0.35    | 0.28    | 0.32       | 10.94   | ppb   |
| Molybdenum | 97-1  | 0.37    | 0.31    | 0.29    | 0.32       | 12.22   | ppb   |
| Molybdenum | 98-1  | 0.34    | 0.33    | 0.28    | 0.32       | 9.75    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.02   | 0.00    | -0.02   | -0.01      |         | ppb   |
| Phosphorus | 31-2  | -41.22  | -24.93  | -25.03  | -30.39     |         | ppb   |
| Potassium  | 39-2  | 20.60   | 20.33   | 23.01   | 21.32      | 6.91    | ppb   |
| Rhodium    | 103-1 |         |         |         | 105        |         | %     |
| Rhodium    | 103-2 |         |         |         | 103        |         | %     |
| Scandium   | 45-1  |         |         |         | 105        |         | %     |
| Scandium   | 45-2  |         |         |         | 103        |         | %     |
| Selenium   | 77-2  | 0.43    | 0.00    | 0.00    | 0.14       | 173.21  | ppb   |
| Selenium   | 78-2  | -0.27   | -0.07   | -0.35   | -0.23      |         | ppb   |
| Selenium   | 82-1  | -0.09   | -0.03   | 0.17    | 0.02       | 783.76  | ppb   |
| Silicon    | 28-1  | 2.02    | 8.31    | 6.89    | 5.74       | 57.41   | ppb   |
| Silver     | 109-1 | 0.03    | 0.03    | 0.03    | 0.03       | 4.59    | ppb   |
| Silver     | 107-1 | 0.02    | 0.03    | 0.03    | 0.03       | 14.99   | ppb   |
| Sodium     | 23-2  | 37.98   | 36.67   | 34.72   | 36.46      | 4.49    | ppb   |
| Strontium  | 86-1  | -0.02   | 0.07    | 0.00    | 0.02       | 301.32  | ppb   |
| Strontium  | 88-1  | 0.02    | 0.02    | 0.02    | 0.02       | 8.02    | ppb   |
| Sulfur     | 34-1  | -79.00  | -108.90 | -69.35  | -85.75     |         | ppb   |
| Terbium    | 159-1 |         |         |         | 107        |         | %     |
| Terbium    | 159-2 |         |         |         | 104        |         | %     |
| Thallium   | 203-1 | 0.08    | 0.06    | 0.06    | 0.06       | 19.07   | ppb   |
| Thallium   | 205-1 | 0.07    | 0.06    | 0.06    | 0.06       | 16.01   | ppb   |
| Thorium    | 232-1 | 0.05    | 0.05    | 0.04    | 0.05       | 7.75    | ppb   |
| Tin        | 118-1 | 0.08    | 0.09    | 0.08    | 0.08       | 6.35    | ppb   |
| Titanium   | 47-1  | 0.19    | 0.15    | 0.18    | 0.18       | 11.49   | ppb   |
| Uranium    | 238-1 | 0.02    | 0.02    | 0.01    | 0.02       | 20.08   | ppb   |
| Vanadium   | 51-2  | 0.01    | 0.02    | 0.01    | 0.01       | 63.59   | ppb   |
| Yttrium    | 89-1  |         |         |         | 106        |         | %     |
| Yttrium    | 89-2  |         |         |         | 104        |         | %     |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB20               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB20               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 16:06:44 | DataFile Name :   | 056CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 0.05    | 0.08    | 0.13    | 0.09       | 43.22   | ppb   |
| Zirconium | 90-1 | 0.05    | 0.03    | 0.03    | 0.04       | 33.35   | ppb   |
| Zirconium | 91-1 | 0.05    | 0.02    | 0.00    | 0.02       | 97.32   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-02LDLX25      | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-12(9.5-10)LDL  | Dilution Factor : | 25        |
| Date & Time Acquired :: | 2019-05-29 16:10:20 | DataFile Name :   | 057SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 3401.72 | 3331.15 | 3376.51 | 3369.79    | 1.06    | ppb   |
| Antimony   | 121-1 | 0.10    | 0.08    | 0.10    | 0.10       | 9.97    | ppb   |
| Arsenic    | 75-2  | 1.82    | 1.88    | 1.85    | 1.85       | 1.60    | ppb   |
| Barium     | 135-1 | 12.22   | 13.04   | 12.41   | 12.55      | 3.41    | ppb   |
| Barium     | 137-1 | 12.42   | 13.59   | 12.28   | 12.76      | 5.60    | ppb   |
| Beryllium  | 9-1   | 0.25    | 0.25    | 0.28    | 0.26       | 6.81    | ppb   |
| Bismuth    | 209-1 |         |         |         | 103        |         | %     |
| Bismuth    | 209-2 |         |         |         | 99         |         | %     |
| Boron      | 10-1  | 6.95    | 6.58    | 5.21    | 6.25       | 14.69   | ppb   |
| Boron      | 11-1  | 6.45    | 6.72    | 6.35    | 6.51       | 2.95    | ppb   |
| Cadmium    | 111-1 | 0.15    | 0.06    | -0.01   | 0.07       | 113.06  | ppb   |
| Cadmium    | 106-1 | 1.42    | 0.64    | -0.40   | 0.55       | 164.45  | ppb   |
| Cadmium    | 108-1 | 0.21    | 0.45    | 0.32    | 0.33       | 37.22   | ppb   |
| Calcium    | 43-1  | 163.97  | 166.56  | 172.33  | 167.62     | 2.55    | ppb   |
| Calcium    | 44-1  | 156.55  | 173.91  | 162.98  | 164.48     | 5.34    | ppb   |
| Chromium   | 52-2  | 6.40    | 6.19    | 6.16    | 6.25       | 2.11    | ppb   |
| Cobalt     | 59-2  | 3.55    | 3.57    | 3.75    | 3.62       | 3.01    | ppb   |
| Copper     | 63-2  | 7.08    | 7.10    | 7.20    | 7.13       | 0.91    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 104        |         | %     |
| Holmium    | 165-2 |         |         |         | 103        |         | %     |
| Indium     | 115-1 |         |         |         | 104        |         | %     |
| Indium     | 115-2 |         |         |         | 103        |         | %     |
| Iron       | 56-2  | 9114.77 | 8973.88 | 9103.91 | 9064.18    | 0.86    | ppb   |
| Iron       | 57-2  | 8782.94 | 8738.67 | 8815.25 | 8778.95    | 0.44    | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 3.72    | 4.15    | 3.75    | 3.87       | 6.24    | ppb   |
| Lead       | 207-1 | 3.55    | 3.79    | 3.46    | 3.60       | 4.79    | ppb   |
| Lead       | 208-1 | 3.65    | 3.93    | 3.62    | 3.73       | 4.50    | ppb   |
| Lithium    | 6-1   |         |         |         | 104        |         | %     |
| Magnesium  | 24-2  | 1579.12 | 1566.86 | 1559.01 | 1568.33    | 0.65    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-02LDLX25      | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-12(9.5-10)LDL  | Dilution Factor : | 25        |
| Date & Time Acquired :: | 2019-05-29 16:10:20 | DataFile Name :   | 057SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 213.99  | 212.58  | 213.38  | 213.31     | 0.33    | ppb   |
| Molybdenum | 94-1  | 3.83    | 4.23    | 4.02    | 4.03       | 5.01    | ppb   |
| Molybdenum | 95-1  | 0.42    | 0.44    | 0.41    | 0.42       | 4.28    | ppb   |
| Molybdenum | 96-1  | 0.83    | 0.94    | 0.86    | 0.88       | 6.23    | ppb   |
| Molybdenum | 97-1  | 0.33    | 0.39    | 0.37    | 0.36       | 8.62    | ppb   |
| Molybdenum | 98-1  | 0.39    | 0.44    | 0.36    | 0.40       | 10.36   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 8.32    | 8.50    | 8.74    | 8.52       | 2.48    | ppb   |
| Phosphorus | 31-2  | 66.07   | 113.75  | 84.86   | 88.23      | 27.22   | ppb   |
| Potassium  | 39-2  | 234.65  | 224.99  | 230.19  | 229.94     | 2.10    | ppb   |
| Rhodium    | 103-1 |         |         |         | 103        |         | %     |
| Rhodium    | 103-2 |         |         |         | 103        |         | %     |
| Scandium   | 45-1  |         |         |         | 104        |         | %     |
| Scandium   | 45-2  |         |         |         | 104        |         | %     |
| Selenium   | 77-2  | 0.85    | 2.50    | 2.96    | 2.10       | 52.59   | ppb   |
| Selenium   | 78-2  | 0.57    | 0.92    | 0.68    | 0.72       | 25.13   | ppb   |
| Selenium   | 82-1  | 0.12    | 0.29    | 0.40    | 0.27       | 51.96   | ppb   |
| Silicon    | 28-1  | 652.90  | 711.60  | 659.38  | 674.63     | 4.77    | ppb   |
| Silver     | 109-1 | 0.02    | 0.01    | 0.01    | 0.01       | 34.51   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.02    | 0.01       | 25.65   | ppb   |
| Sodium     | 23-2  | 30.66   | 29.19   | 29.81   | 29.89      | 2.47    | ppb   |
| Strontium  | 86-1  | 1.86    | 1.85    | 1.81    | 1.84       | 1.47    | ppb   |
| Strontium  | 88-1  | 1.82    | 1.94    | 1.78    | 1.85       | 4.61    | ppb   |
| Sulfur     | 34-1  | -380.49 | 132.67  | -288.63 | -178.82    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 104        |         | %     |
| Terbium    | 159-2 |         |         |         | 104        |         | %     |
| Thallium   | 203-1 | 0.05    | 0.05    | 0.04    | 0.05       | 11.30   | ppb   |
| Thallium   | 205-1 | 0.05    | 0.05    | 0.04    | 0.04       | 13.05   | ppb   |
| Thorium    | 232-1 | 1.32    | 1.45    | 1.35    | 1.37       | 5.14    | ppb   |
| Tin        | 118-1 | 0.05    | 0.06    | 0.05    | 0.05       | 9.03    | ppb   |
| Titanium   | 47-1  | 14.55   | 16.61   | 14.94   | 15.37      | 7.10    | ppb   |
| Uranium    | 238-1 | 0.17    | 0.19    | 0.17    | 0.18       | 4.07    | ppb   |
| Vanadium   | 51-2  | 5.11    | 4.98    | 5.17    | 5.09       | 1.85    | ppb   |
| Yttrium    | 89-1  |         |         |         | 105        |         | %     |
| Yttrium    | 89-2  |         |         |         | 105        |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-02LDLX25      | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-12(9.5-10)LDL  | Dilution Factor : | 25        |
| Date & Time Acquired :: | 2019-05-29 16:10:20 | DataFile Name :   | 057SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 19.46   | 19.72   | 19.72   | 19.63      | 0.76    | ppb   |
| Zirconium | 90-1 | 2.22    | 2.55    | 2.31    | 2.36       | 7.06    | ppb   |
| Zirconium | 91-1 | 2.19    | 2.50    | 2.18    | 2.29       | 8.03    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-02MSDLX5      | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-12(9.5-10)MSDL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 16:13:56 | DataFile Name :   | 058SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 21054.75 | 20790.86 | 20734.38 | 20860.00   | 0.82    | ppb   |
| Antimony   | 121-1 | 39.01    | 38.09    | 38.10    | 38.40      | 1.37    | ppb   |
| Arsenic    | 75-2  | 105.61   | 102.50   | 103.66   | 103.92     | 1.51    | ppb   |
| Barium     | 135-1 | 627.98   | 618.50   | 613.40   | 619.96     | 1.19    | ppb   |
| Barium     | 137-1 | 629.07   | 618.89   | 614.83   | 620.93     | 1.18    | ppb   |
| Beryllium  | 9-1   | 115.77   | 114.34   | 114.11   | 114.74     | 0.78    | ppb   |
| Bismuth    | 209-1 |          |          |          | 101        |         | %     |
| Bismuth    | 209-2 |          |          |          | 98         |         | %     |
| Boron      | 10-1  | 104.58   | 105.66   | 107.56   | 105.93     | 1.42    | ppb   |
| Boron      | 11-1  | 108.43   | 108.06   | 109.12   | 108.54     | 0.50    | ppb   |
| Cadmium    | 111-1 | 106.91   | 105.61   | 103.64   | 105.38     | 1.56    | ppb   |
| Cadmium    | 106-1 | 115.80   | 110.50   | 112.09   | 112.80     | 2.41    | ppb   |
| Cadmium    | 108-1 | 112.47   | 107.61   | 104.69   | 108.26     | 3.63    | ppb   |
| Calcium    | 43-1  | 11374.41 | 11311.35 | 11477.02 | 11387.59   | 0.73    | ppb   |
| Calcium    | 44-1  | 11523.02 | 11402.51 | 11450.92 | 11458.82   | 0.53    | ppb   |
| Chromium   | 52-2  | 137.15   | 136.05   | 136.73   | 136.64     | 0.41    | ppb   |
| Cobalt     | 59-2  | 129.71   | 128.38   | 128.28   | 128.79     | 0.62    | ppb   |
| Copper     | 63-2  | 232.99   | 230.85   | 232.05   | 231.97     | 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 |          |          |          | 104        |         | %     |
| Holmium    | 165-2 |          |          |          | 104        |         | %     |
| Indium     | 115-1 |          |          |          | 102        |         | %     |
| Indium     | 115-2 |          |          |          | 102        |         | %     |
| Iron       | 56-2  | 50331.45 | 49475.38 | 49463.61 | 49756.82   | 1.00    | ppb   |
| Iron       | 57-2  | 48587.63 | 47987.81 | 48024.25 | 48199.90   | 0.70    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 130.06   | 127.68   | 126.69   | 128.14     | 1.35    | ppb   |
| Lead       | 207-1 | 124.07   | 123.32   | 121.83   | 123.07     | 0.93    | ppb   |
| Lead       | 208-1 | 126.28   | 125.15   | 124.16   | 125.20     | 0.85    | ppb   |
| Lithium    | 6-1   |          |          |          | 103        |         | %     |
| Magnesium  | 24-2  | 19672.10 | 19589.34 | 19539.86 | 19600.43   | 0.34    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-02MSDLX5      | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-12(9.5-10)MSDL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 16:13:56 | DataFile Name :   | 058SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 1218.36  | 1202.70  | 1201.68  | 1207.58    | 0.77    | ppb   |
| Molybdenum | 94-1  | 540.02   | 546.41   | 538.46   | 541.63     | 0.78    | ppb   |
| Molybdenum | 95-1  | 511.62   | 514.37   | 508.66   | 511.55     | 0.56    | ppb   |
| Molybdenum | 96-1  | 511.45   | 515.70   | 515.58   | 514.24     | 0.47    | ppb   |
| Molybdenum | 97-1  | 510.10   | 505.25   | 507.09   | 507.48     | 0.48    | ppb   |
| Molybdenum | 98-1  | 512.45   | 509.43   | 509.46   | 510.45     | 0.34    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 154.06   | 153.16   | 153.14   | 153.45     | 0.34    | ppb   |
| Phosphorus | 31-2  | 457.53   | 546.79   | 501.09   | 501.80     | 8.90    | ppb   |
| Potassium  | 39-2  | 6270.14  | 6231.89  | 6257.88  | 6253.30    | 0.31    | ppb   |
| Rhodium    | 103-1 |          |          |          | 100        |         | %     |
| Rhodium    | 103-2 |          |          |          | 100        |         | %     |
| Scandium   | 45-1  |          |          |          | 105        |         | %     |
| Scandium   | 45-2  |          |          |          | 105        |         | %     |
| Selenium   | 77-2  | 95.56    | 102.69   | 101.63   | 99.96      | 3.85    | ppb   |
| Selenium   | 78-2  | 89.47    | 88.00    | 91.57    | 89.68      | 2.00    | ppb   |
| Selenium   | 82-1  | 87.81    | 87.65    | 86.50    | 87.32      | 0.82    | ppb   |
| Silicon    | 28-1  | 3796.89  | 3765.44  | 3778.61  | 3780.31    | 0.42    | ppb   |
| Silver     | 109-1 | 108.83   | 107.78   | 104.91   | 107.17     | 1.89    | ppb   |
| Silver     | 107-1 | 108.79   | 107.95   | 106.17   | 107.64     | 1.24    | ppb   |
| Sodium     | 23-2  | 12194.29 | 12021.81 | 11993.24 | 12069.78   | 0.90    | ppb   |
| Strontium  | 86-1  | 114.54   | 114.22   | 113.66   | 114.14     | 0.39    | ppb   |
| Strontium  | 88-1  | 113.50   | 113.41   | 112.21   | 113.04     | 0.64    | ppb   |
| Sulfur     | 34-1  | -1076.15 | -1090.49 | -1025.63 | -1064.09   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 105        |         | %     |
| Terbium    | 159-2 |          |          |          | 104        |         | %     |
| Thallium   | 203-1 | 105.05   | 102.85   | 103.43   | 103.78     | 1.10    | ppb   |
| Thallium   | 205-1 | 105.38   | 103.14   | 103.81   | 104.11     | 1.11    | ppb   |
| Thorium    | 232-1 | 7.32     | 7.25     | 7.20     | 7.26       | 0.86    | ppb   |
| Tin        | 118-1 | 60.01    | 58.83    | 58.83    | 59.23      | 1.15    | ppb   |
| Titanium   | 47-1  | 566.59   | 565.63   | 563.93   | 565.38     | 0.24    | ppb   |
| Uranium    | 238-1 | 102.09   | 100.94   | 99.80    | 100.94     | 1.14    | ppb   |
| Vanadium   | 51-2  | 132.16   | 131.32   | 129.61   | 131.03     | 0.99    | ppb   |
| Yttrium    | 89-1  |          |          |          | 110        |         | %     |
| Yttrium    | 89-2  |          |          |          | 110        |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-02MSDLX5      | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-12(9.5-10)MSDL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 16:13:56 | DataFile Name :   | 058SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 292.24  | 288.87  | 285.36  | 288.82     | 1.19    | ppb   |
| Zirconium | 90-1 | 119.97  | 120.53  | 119.12  | 119.87     | 0.59    | ppb   |
| Zirconium | 91-1 | 122.07  | 121.93  | 122.23  | 122.08     | 0.12    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB103076             | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-02MSDDLX5      | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-12(9.5-10)MSDDL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 16:17:32  | DataFile Name :   | 059SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 21499.29 | 21350.53 | 21555.87 | 21468.56   | 0.49    | ppb   |
| Antimony   | 121-1 | 36.27    | 36.64    | 36.39    | 36.43      | 0.51    | ppb   |
| Arsenic    | 75-2  | 105.24   | 107.00   | 107.09   | 106.45     | 0.98    | ppb   |
| Barium     | 135-1 | 632.83   | 628.05   | 627.68   | 629.52     | 0.46    | ppb   |
| Barium     | 137-1 | 627.91   | 628.19   | 628.60   | 628.23     | 0.06    | ppb   |
| Beryllium  | 9-1   | 116.50   | 115.31   | 114.88   | 115.56     | 0.73    | ppb   |
| Bismuth    | 209-1 |          |          |          | 103        |         | %     |
| Bismuth    | 209-2 |          |          |          | 98         |         | %     |
| Boron      | 10-1  | 111.46   | 105.73   | 108.12   | 108.43     | 2.66    | ppb   |
| Boron      | 11-1  | 110.91   | 111.15   | 111.76   | 111.27     | 0.40    | ppb   |
| Cadmium    | 111-1 | 105.17   | 104.31   | 103.61   | 104.36     | 0.75    | ppb   |
| Cadmium    | 106-1 | 112.00   | 110.64   | 111.07   | 111.23     | 0.62    | ppb   |
| Cadmium    | 108-1 | 109.23   | 110.00   | 108.63   | 109.29     | 0.63    | ppb   |
| Calcium    | 43-1  | 11521.96 | 11418.37 | 11373.34 | 11437.89   | 0.67    | ppb   |
| Calcium    | 44-1  | 11556.52 | 11593.76 | 11514.50 | 11554.92   | 0.34    | ppb   |
| Chromium   | 52-2  | 139.21   | 137.17   | 138.12   | 138.17     | 0.74    | ppb   |
| Cobalt     | 59-2  | 127.77   | 127.60   | 128.74   | 128.03     | 0.48    | ppb   |
| Copper     | 63-2  | 236.88   | 236.33   | 237.58   | 236.93     | 0.26    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 108        |         | %     |
| Holmium    | 165-2 |          |          |          | 105        |         | %     |
| Indium     | 115-1 |          |          |          | 105        |         | %     |
| Indium     | 115-2 |          |          |          | 103        |         | %     |
| Iron       | 56-2  | 50983.58 | 50444.42 | 50851.48 | 50759.83   | 0.55    | ppb   |
| Iron       | 57-2  | 48679.90 | 49007.18 | 49328.29 | 49005.12   | 0.66    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 129.23   | 129.24   | 128.39   | 128.95     | 0.38    | ppb   |
| Lead       | 207-1 | 123.49   | 123.03   | 121.92   | 122.81     | 0.66    | ppb   |
| Lead       | 208-1 | 126.04   | 125.53   | 124.99   | 125.52     | 0.42    | ppb   |
| Lithium    | 6-1   |          |          |          | 106        |         | %     |
| Magnesium  | 24-2  | 19142.48 | 19136.90 | 19267.29 | 19182.22   | 0.38    | ppb   |



LB Number : LB103076 Operator : Jaswal  
 Lab Sample ID : K2906-02MSDDLX5 Instrumnet Name : P7  
 Client Sample ID : FESB-12(9.5-10)MSDDL Dilution Factor : 5  
 Date & Time Acquired :: 2019-05-29 16:17:32 DataFile Name : 059SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 1236.20  | 1221.40  | 1241.74  | 1233.11    | 0.85    | ppb   |
| Molybdenum | 94-1  | 539.99   | 541.59   | 541.38   | 540.99     | 0.16    | ppb   |
| Molybdenum | 95-1  | 510.97   | 509.98   | 509.04   | 510.00     | 0.19    | ppb   |
| Molybdenum | 96-1  | 513.82   | 512.05   | 516.57   | 514.15     | 0.44    | ppb   |
| Molybdenum | 97-1  | 506.76   | 511.21   | 505.85   | 507.94     | 0.57    | ppb   |
| Molybdenum | 98-1  | 512.35   | 514.69   | 508.26   | 511.76     | 0.64    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 153.41   | 153.61   | 154.18   | 153.73     | 0.26    | ppb   |
| Phosphorus | 31-2  | 591.16   | 434.48   | 535.02   | 520.22     | 15.26   | ppb   |
| Potassium  | 39-2  | 6477.56  | 6386.58  | 6454.79  | 6439.64    | 0.74    | ppb   |
| Rhodium    | 103-1 |          |          |          | 104        |         | %     |
| Rhodium    | 103-2 |          |          |          | 101        |         | %     |
| Scandium   | 45-1  |          |          |          | 109        |         | %     |
| Scandium   | 45-2  |          |          |          | 107        |         | %     |
| Selenium   | 77-2  | 95.66    | 105.84   | 100.88   | 100.79     | 5.05    | ppb   |
| Selenium   | 78-2  | 86.32    | 94.38    | 87.62    | 89.44      | 4.84    | ppb   |
| Selenium   | 82-1  | 87.11    | 89.62    | 89.12    | 88.62      | 1.50    | ppb   |
| Silicon    | 28-1  | 3036.05  | 3060.43  | 3029.76  | 3042.08    | 0.53    | ppb   |
| Silver     | 109-1 | 108.95   | 107.89   | 107.35   | 108.06     | 0.75    | ppb   |
| Silver     | 107-1 | 106.65   | 107.10   | 106.29   | 106.68     | 0.38    | ppb   |
| Sodium     | 23-2  | 12109.93 | 11983.36 | 12166.58 | 12086.62   | 0.78    | ppb   |
| Strontium  | 86-1  | 113.32   | 112.98   | 114.59   | 113.63     | 0.74    | ppb   |
| Strontium  | 88-1  | 113.81   | 113.51   | 113.33   | 113.55     | 0.21    | ppb   |
| Sulfur     | 34-1  | -1520.51 | -1540.96 | -1541.02 | -1534.16   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 107        |         | %     |
| Terbium    | 159-2 |          |          |          | 105        |         | %     |
| Thallium   | 203-1 | 105.10   | 105.75   | 104.24   | 105.03     | 0.72    | ppb   |
| Thallium   | 205-1 | 105.61   | 105.41   | 103.86   | 104.96     | 0.92    | ppb   |
| Thorium    | 232-1 | 10.48    | 10.53    | 10.42    | 10.48      | 0.55    | ppb   |
| Tin        | 118-1 | 62.71    | 63.36    | 62.99    | 63.02      | 0.51    | ppb   |
| Titanium   | 47-1  | 578.24   | 572.75   | 575.09   | 575.36     | 0.48    | ppb   |
| Uranium    | 238-1 | 101.74   | 102.00   | 100.17   | 101.30     | 0.98    | ppb   |
| Vanadium   | 51-2  | 134.65   | 133.71   | 134.38   | 134.25     | 0.36    | ppb   |
| Yttrium    | 89-1  |          |          |          | 114        |         | %     |
| Yttrium    | 89-2  |          |          |          | 112        |         | %     |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB103076             | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-02MSDDLX5      | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-12(9.5-10)MSDDL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 16:17:32  | DataFile Name :   | 059SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 288.91  | 289.56  | 296.10  | 291.52     | 1.36    | ppb   |
| Zirconium | 90-1 | 122.17  | 121.81  | 121.08  | 121.69     | 0.46    | ppb   |
| Zirconium | 91-1 | 124.09  | 123.09  | 123.16  | 123.45     | 0.45    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-02ADLX5       | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-12(9.5-10)ADL  | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 16:21:08 | DataFile Name :   | 060SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 21057.92 | 21078.80 | 21002.59 | 21046.44   | 0.19    | ppb   |
| Antimony   | 121-1 | 37.65    | 37.41    | 37.95    | 37.67      | 0.73    | ppb   |
| Arsenic    | 75-2  | 104.66   | 105.53   | 105.01   | 105.07     | 0.42    | ppb   |
| Barium     | 135-1 | 622.29   | 616.75   | 617.10   | 618.72     | 0.50    | ppb   |
| Barium     | 137-1 | 613.54   | 616.87   | 615.51   | 615.31     | 0.27    | ppb   |
| Beryllium  | 9-1   | 113.61   | 113.73   | 114.29   | 113.88     | 0.32    | ppb   |
| Bismuth    | 209-1 |          |          |          | 104        |         | %     |
| Bismuth    | 209-2 |          |          |          | 99         |         | %     |
| Boron      | 10-1  | 104.45   | 108.50   | 109.20   | 107.39     | 2.39    | ppb   |
| Boron      | 11-1  | 105.93   | 109.47   | 110.38   | 108.59     | 2.17    | ppb   |
| Cadmium    | 111-1 | 103.60   | 102.60   | 102.46   | 102.89     | 0.60    | ppb   |
| Cadmium    | 106-1 | 109.65   | 106.25   | 109.66   | 108.52     | 1.81    | ppb   |
| Cadmium    | 108-1 | 104.35   | 104.27   | 106.99   | 105.20     | 1.47    | ppb   |
| Calcium    | 43-1  | 11298.85 | 11304.25 | 11263.45 | 11288.85   | 0.20    | ppb   |
| Calcium    | 44-1  | 11291.51 | 11367.59 | 11359.96 | 11339.69   | 0.37    | ppb   |
| Chromium   | 52-2  | 137.09   | 137.30   | 136.79   | 137.06     | 0.19    | ppb   |
| Cobalt     | 59-2  | 128.92   | 128.48   | 126.75   | 128.05     | 0.89    | ppb   |
| Copper     | 63-2  | 234.63   | 233.87   | 233.80   | 234.10     | 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 |          |          |          | 108        |         | %     |
| Holmium    | 165-2 |          |          |          | 105        |         | %     |
| Indium     | 115-1 |          |          |          | 105        |         | %     |
| Indium     | 115-2 |          |          |          | 103        |         | %     |
| Iron       | 56-2  | 50315.78 | 49862.19 | 49760.62 | 49979.53   | 0.59    | ppb   |
| Iron       | 57-2  | 48638.93 | 48390.33 | 48001.81 | 48343.69   | 0.66    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 126.05   | 126.95   | 126.90   | 126.63     | 0.40    | ppb   |
| Lead       | 207-1 | 121.26   | 122.48   | 120.35   | 121.36     | 0.88    | ppb   |
| Lead       | 208-1 | 123.45   | 124.44   | 123.50   | 123.80     | 0.45    | ppb   |
| Lithium    | 6-1   |          |          |          | 106        |         | %     |
| Magnesium  | 24-2  | 19459.15 | 19495.25 | 19375.77 | 19443.39   | 0.32    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-02ADLX5       | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-12(9.5-10)ADL  | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 16:21:08 | DataFile Name :   | 060SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 1216.59  | 1218.97  | 1210.48  | 1215.35    | 0.36    | ppb   |
| Molybdenum | 94-1  | 529.86   | 531.67   | 534.34   | 531.95     | 0.42    | ppb   |
| Molybdenum | 95-1  | 499.98   | 502.79   | 504.46   | 502.41     | 0.45    | ppb   |
| Molybdenum | 96-1  | 504.44   | 508.75   | 506.91   | 506.70     | 0.43    | ppb   |
| Molybdenum | 97-1  | 501.89   | 501.32   | 504.63   | 502.61     | 0.35    | ppb   |
| Molybdenum | 98-1  | 500.76   | 502.38   | 506.76   | 503.30     | 0.62    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 153.78   | 153.96   | 153.55   | 153.76     | 0.13    | ppb   |
| Phosphorus | 31-2  | 494.19   | 537.01   | 509.66   | 513.62     | 4.22    | ppb   |
| Potassium  | 39-2  | 6380.57  | 6290.67  | 6279.10  | 6316.78    | 0.88    | ppb   |
| Rhodium    | 103-1 |          |          |          | 103        |         | %     |
| Rhodium    | 103-2 |          |          |          | 101        |         | %     |
| Scandium   | 45-1  |          |          |          | 108        |         | %     |
| Scandium   | 45-2  |          |          |          | 106        |         | %     |
| Selenium   | 77-2  | 108.76   | 95.13    | 110.13   | 104.67     | 7.92    | ppb   |
| Selenium   | 78-2  | 85.62    | 87.90    | 90.39    | 87.97      | 2.71    | ppb   |
| Selenium   | 82-1  | 87.26    | 87.10    | 86.73    | 87.03      | 0.31    | ppb   |
| Silicon    | 28-1  | 3551.38  | 3582.55  | 3564.81  | 3566.25    | 0.44    | ppb   |
| Silver     | 109-1 | 104.90   | 105.16   | 105.69   | 105.25     | 0.38    | ppb   |
| Silver     | 107-1 | 105.65   | 105.77   | 104.97   | 105.46     | 0.41    | ppb   |
| Sodium     | 23-2  | 12077.26 | 12114.15 | 12034.60 | 12075.34   | 0.33    | ppb   |
| Strontium  | 86-1  | 112.49   | 112.57   | 112.05   | 112.37     | 0.25    | ppb   |
| Strontium  | 88-1  | 111.38   | 111.27   | 112.81   | 111.82     | 0.77    | ppb   |
| Sulfur     | 34-1  | -1778.94 | -1696.25 | -1694.79 | -1723.33   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 108        |         | %     |
| Terbium    | 159-2 |          |          |          | 105        |         | %     |
| Thallium   | 203-1 | 102.42   | 103.27   | 103.78   | 103.16     | 0.67    | ppb   |
| Thallium   | 205-1 | 103.33   | 103.81   | 103.74   | 103.63     | 0.25    | ppb   |
| Thorium    | 232-1 | 7.98     | 8.12     | 8.01     | 8.04       | 0.94    | ppb   |
| Tin        | 118-1 | 59.43    | 59.26    | 58.49    | 59.06      | 0.85    | ppb   |
| Titanium   | 47-1  | 561.34   | 563.68   | 559.53   | 561.52     | 0.37    | ppb   |
| Uranium    | 238-1 | 97.96    | 100.59   | 99.76    | 99.44      | 1.35    | ppb   |
| Vanadium   | 51-2  | 131.61   | 132.86   | 131.57   | 132.01     | 0.56    | ppb   |
| Yttrium    | 89-1  |          |          |          | 114        |         | %     |
| Yttrium    | 89-2  |          |          |          | 112        |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-02ADLX5       | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-12(9.5-10)ADL  | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 16:21:08 | DataFile Name :   | 060SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 289.64  | 294.47  | 286.91  | 290.34     | 1.32    | ppb   |
| Zirconium | 90-1 | 118.42  | 118.98  | 119.19  | 118.87     | 0.33    | ppb   |
| Zirconium | 91-1 | 120.58  | 121.15  | 122.46  | 121.40     | 0.80    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-03DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-09(4-4.5)DL    | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 16:24:45 | DataFile Name :   | 061SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 17646.99 | 17695.41 | 17426.91 | 17589.77   | 0.81    | ppb   |
| Antimony   | 121-1 | 0.03     | 0.04     | 0.04     | 0.04       | 20.79   | ppb   |
| Arsenic    | 75-2  | 3.60     | 3.47     | 3.54     | 3.54       | 1.86    | ppb   |
| Barium     | 135-1 | 73.33    | 72.49    | 72.22    | 72.68      | 0.79    | ppb   |
| Barium     | 137-1 | 72.75    | 72.31    | 71.55    | 72.20      | 0.85    | ppb   |
| Beryllium  | 9-1   | 0.92     | 0.90     | 0.94     | 0.92       | 1.92    | ppb   |
| Bismuth    | 209-1 |          |          |          | 107        |         | %     |
| Bismuth    | 209-2 |          |          |          | 101        |         | %     |
| Boron      | 10-1  | 11.11    | 10.18    | 8.89     | 10.06      | 11.09   | ppb   |
| Boron      | 11-1  | 10.94    | 10.12    | 9.55     | 10.20      | 6.85    | ppb   |
| Cadmium    | 111-1 | 0.27     | 0.15     | 0.27     | 0.23       | 29.35   | ppb   |
| Cadmium    | 106-1 | 1.60     | 0.34     | 1.51     | 1.15       | 61.37   | ppb   |
| Cadmium    | 108-1 | 1.02     | 1.10     | 0.96     | 1.03       | 6.62    | ppb   |
| Calcium    | 43-1  | 633.37   | 676.32   | 673.45   | 661.05     | 3.63    | ppb   |
| Calcium    | 44-1  | 668.22   | 670.31   | 664.28   | 667.60     | 0.46    | ppb   |
| Chromium   | 52-2  | 26.35    | 25.96    | 25.79    | 26.03      | 1.10    | ppb   |
| Cobalt     | 59-2  | 27.24    | 27.37    | 27.16    | 27.26      | 0.39    | ppb   |
| Copper     | 63-2  | 31.91    | 32.57    | 32.19    | 32.22      | 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 |          |          |          | 109        |         | %     |
| Holmium    | 165-2 |          |          |          | 107        |         | %     |
| Indium     | 115-1 |          |          |          | 107        |         | %     |
| Indium     | 115-2 |          |          |          | 106        |         | %     |
| Iron       | 56-2  | 24460.70 | 24451.53 | 24260.61 | 24390.94   | 0.46    | ppb   |
| Iron       | 57-2  | 23476.39 | 23576.25 | 23473.40 | 23508.68   | 0.25    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 9.12     | 9.02     | 9.10     | 9.08       | 0.59    | ppb   |
| Lead       | 207-1 | 8.16     | 7.90     | 8.16     | 8.07       | 1.84    | ppb   |
| Lead       | 208-1 | 8.55     | 8.44     | 8.53     | 8.51       | 0.69    | ppb   |
| Lithium    | 6-1   |          |          |          | 106        |         | %     |
| Magnesium  | 24-2  | 6171.76  | 6180.69  | 6156.62  | 6169.69    | 0.20    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-03DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-09(4-4.5)DL    | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 16:24:45 | DataFile Name :   | 061SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 1098.80  | 1106.12  | 1095.47  | 1100.13    | 0.49    | ppb   |
| Molybdenum | 94-1  | 11.88    | 11.92    | 11.92    | 11.91      | 0.17    | ppb   |
| Molybdenum | 95-1  | 0.73     | 0.69     | 0.71     | 0.71       | 3.10    | ppb   |
| Molybdenum | 96-1  | 2.24     | 2.18     | 2.04     | 2.16       | 4.85    | ppb   |
| Molybdenum | 97-1  | 0.69     | 0.69     | 0.66     | 0.68       | 2.81    | ppb   |
| Molybdenum | 98-1  | 0.70     | 0.70     | 0.63     | 0.68       | 5.80    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 31.56    | 31.39    | 32.10    | 31.68      | 1.17    | ppb   |
| Phosphorus | 31-2  | 398.94   | 399.68   | 380.50   | 393.04     | 2.76    | ppb   |
| Potassium  | 39-2  | 1338.25  | 1339.29  | 1322.62  | 1333.38    | 0.70    | ppb   |
| Rhodium    | 103-1 |          |          |          | 106        |         | %     |
| Rhodium    | 103-2 |          |          |          | 104        |         | %     |
| Scandium   | 45-1  |          |          |          | 109        |         | %     |
| Scandium   | 45-2  |          |          |          | 108        |         | %     |
| Selenium   | 77-2  | 10.29    | 10.24    | 11.48    | 10.67      | 6.57    | ppb   |
| Selenium   | 78-2  | 1.17     | 2.06     | 2.27     | 1.83       | 31.97   | ppb   |
| Selenium   | 82-1  | 0.49     | 0.70     | 0.52     | 0.57       | 20.28   | ppb   |
| Silicon    | 28-1  | 3993.01  | 3982.49  | 3967.34  | 3980.94    | 0.32    | ppb   |
| Silver     | 109-1 | 0.04     | 0.04     | 0.04     | 0.04       | 9.92    | ppb   |
| Silver     | 107-1 | 0.05     | 0.06     | 0.04     | 0.05       | 17.42   | ppb   |
| Sodium     | 23-2  | 112.32   | 109.78   | 108.46   | 110.19     | 1.78    | ppb   |
| Strontium  | 86-1  | 5.25     | 5.31     | 5.36     | 5.31       | 1.04    | ppb   |
| Strontium  | 88-1  | 5.40     | 5.33     | 5.30     | 5.34       | 0.96    | ppb   |
| Sulfur     | 34-1  | -2120.28 | -2317.86 | -2361.70 | -2266.61   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 109        |         | %     |
| Terbium    | 159-2 |          |          |          | 108        |         | %     |
| Thallium   | 203-1 | 0.21     | 0.18     | 0.14     | 0.17       | 18.77   | ppb   |
| Thallium   | 205-1 | 0.17     | 0.17     | 0.18     | 0.17       | 3.38    | ppb   |
| Thorium    | 232-1 | 4.70     | 4.76     | 4.69     | 4.72       | 0.79    | ppb   |
| Tin        | 118-1 | 0.09     | 0.10     | 0.07     | 0.09       | 14.28   | ppb   |
| Titanium   | 47-1  | 150.12   | 148.92   | 147.98   | 149.01     | 0.72    | ppb   |
| Uranium    | 238-1 | 0.88     | 0.86     | 0.84     | 0.86       | 2.53    | ppb   |
| Vanadium   | 51-2  | 28.25    | 27.88    | 27.84    | 27.99      | 0.81    | ppb   |
| Yttrium    | 89-1  |          |          |          | 113        |         | %     |
| Yttrium    | 89-2  |          |          |          | 112        |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-03DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-09(4-4.5)DL    | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 16:24:45 | DataFile Name :   | 061SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 85.06   | 84.09   | 84.39   | 84.51      | 0.59    | ppb   |
| Zirconium | 90-1 | 7.19    | 7.05    | 7.07    | 7.11       | 1.07    | ppb   |
| Zirconium | 91-1 | 7.22    | 7.26    | 7.14    | 7.21       | 0.83    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-04DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-10(8-8.5)DL    | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 16:28:21 | DataFile Name :   | 062SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 20760.98 | 20795.04 | 20905.88 | 20820.63   | 0.36    | ppb   |
| Antimony   | 121-1 | 0.06     | 0.04     | 0.06     | 0.05       | 16.49   | ppb   |
| Arsenic    | 75-2  | 1.82     | 1.79     | 1.90     | 1.84       | 3.19    | ppb   |
| Barium     | 135-1 | 125.60   | 123.34   | 122.63   | 123.85     | 1.25    | ppb   |
| Barium     | 137-1 | 123.76   | 122.91   | 124.11   | 123.59     | 0.50    | ppb   |
| Beryllium  | 9-1   | 1.33     | 1.38     | 1.26     | 1.32       | 4.20    | ppb   |
| Bismuth    | 209-1 |          |          |          | 106        |         | %     |
| Bismuth    | 209-2 |          |          |          | 100        |         | %     |
| Boron      | 10-1  | 7.72     | 7.33     | 7.24     | 7.43       | 3.46    | ppb   |
| Boron      | 11-1  | 8.27     | 7.99     | 8.35     | 8.21       | 2.30    | ppb   |
| Cadmium    | 111-1 | 0.25     | 0.17     | 0.05     | 0.15       | 66.51   | ppb   |
| Cadmium    | 106-1 | 2.49     | 1.35     | 0.58     | 1.47       | 65.33   | ppb   |
| Cadmium    | 108-1 | 1.59     | 1.71     | 2.17     | 1.82       | 16.80   | ppb   |
| Calcium    | 43-1  | 1393.41  | 1370.96  | 1421.44  | 1395.27    | 1.81    | ppb   |
| Calcium    | 44-1  | 1415.34  | 1420.11  | 1419.45  | 1418.30    | 0.18    | ppb   |
| Chromium   | 52-2  | 42.52    | 42.71    | 42.29    | 42.50      | 0.50    | ppb   |
| Cobalt     | 59-2  | 14.21    | 14.08    | 14.32    | 14.20      | 0.85    | ppb   |
| Copper     | 63-2  | 34.41    | 34.81    | 34.49    | 34.57      | 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 |          |          |          | 108        |         | %     |
| Holmium    | 165-2 |          |          |          | 106        |         | %     |
| Indium     | 115-1 |          |          |          | 106        |         | %     |
| Indium     | 115-2 |          |          |          | 105        |         | %     |
| Iron       | 56-2  | 25948.97 | 25980.77 | 25905.27 | 25945.00   | 0.15    | ppb   |
| Iron       | 57-2  | 24878.03 | 24949.05 | 25124.00 | 24983.69   | 0.51    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 23.48    | 23.31    | 23.28    | 23.36      | 0.47    | ppb   |
| Lead       | 207-1 | 21.52    | 20.98    | 21.04    | 21.18      | 1.38    | ppb   |
| Lead       | 208-1 | 22.26    | 22.22    | 22.18    | 22.22      | 0.18    | ppb   |
| Lithium    | 6-1   |          |          |          | 106        |         | %     |
| Magnesium  | 24-2  | 7532.60  | 7565.89  | 7624.17  | 7574.22    | 0.61    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-04DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-10(8-8.5)DL    | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 16:28:21 | DataFile Name :   | 062SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 252.92   | 253.09   | 252.30   | 252.77     | 0.17    | ppb   |
| Molybdenum | 94-1  | 20.94    | 20.58    | 21.03    | 20.85      | 1.15    | ppb   |
| Molybdenum | 95-1  | 0.37     | 0.33     | 0.36     | 0.35       | 5.38    | ppb   |
| Molybdenum | 96-1  | 2.95     | 2.99     | 2.95     | 2.97       | 0.73    | ppb   |
| Molybdenum | 97-1  | 0.36     | 0.35     | 0.36     | 0.36       | 1.47    | ppb   |
| Molybdenum | 98-1  | 0.34     | 0.34     | 0.33     | 0.34       | 2.45    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 39.93    | 39.46    | 39.88    | 39.76      | 0.64    | ppb   |
| Phosphorus | 31-2  | 339.93   | 308.50   | 345.12   | 331.18     | 5.98    | ppb   |
| Potassium  | 39-2  | 1558.16  | 1581.53  | 1582.03  | 1573.91    | 0.87    | ppb   |
| Rhodium    | 103-1 |          |          |          | 104        |         | %     |
| Rhodium    | 103-2 |          |          |          | 103        |         | %     |
| Scandium   | 45-1  |          |          |          | 109        |         | %     |
| Scandium   | 45-2  |          |          |          | 107        |         | %     |
| Selenium   | 77-2  | 21.10    | 28.02    | 25.61    | 24.91      | 14.12   | ppb   |
| Selenium   | 78-2  | 4.61     | 4.15     | 3.74     | 4.17       | 10.42   | ppb   |
| Selenium   | 82-1  | 0.88     | 1.17     | 1.03     | 1.03       | 13.92   | ppb   |
| Silicon    | 28-1  | 3913.81  | 3923.77  | 3900.37  | 3912.65    | 0.30    | ppb   |
| Silver     | 109-1 | 0.02     | 0.04     | 0.04     | 0.03       | 27.89   | ppb   |
| Silver     | 107-1 | 0.05     | 0.06     | 0.02     | 0.05       | 41.01   | ppb   |
| Sodium     | 23-2  | 169.83   | 161.32   | 170.72   | 167.29     | 3.10    | ppb   |
| Strontium  | 86-1  | 10.84    | 10.46    | 10.85    | 10.72      | 2.04    | ppb   |
| Strontium  | 88-1  | 10.73    | 10.65    | 10.75    | 10.71      | 0.51    | ppb   |
| Sulfur     | 34-1  | -2582.26 | -2672.27 | -2666.74 | -2640.42   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 108        |         | %     |
| Terbium    | 159-2 |          |          |          | 107        |         | %     |
| Thallium   | 203-1 | 0.18     | 0.18     | 0.17     | 0.18       | 1.28    | ppb   |
| Thallium   | 205-1 | 0.18     | 0.18     | 0.19     | 0.18       | 3.63    | ppb   |
| Thorium    | 232-1 | 13.33    | 13.31    | 13.04    | 13.23      | 1.20    | ppb   |
| Tin        | 118-1 | 0.13     | 0.11     | 0.14     | 0.13       | 14.12   | ppb   |
| Titanium   | 47-1  | 291.44   | 285.37   | 287.98   | 288.26     | 1.06    | ppb   |
| Uranium    | 238-1 | 1.42     | 1.43     | 1.40     | 1.42       | 0.87    | ppb   |
| Vanadium   | 51-2  | 55.91    | 56.02    | 55.39    | 55.78      | 0.60    | ppb   |
| Yttrium    | 89-1  |          |          |          | 119        |         | %     |
| Yttrium    | 89-2  |          |          |          | 117        |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-04DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-10(8-8.5)DL    | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 16:28:21 | DataFile Name :   | 062SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 91.60   | 92.63   | 92.23   | 92.16      | 0.56    | ppb   |
| Zirconium | 90-1 | 13.27   | 13.24   | 13.06   | 13.19      | 0.85    | ppb   |
| Zirconium | 91-1 | 13.15   | 13.33   | 13.47   | 13.32      | 1.21    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2944-01DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-1(14.5-15)DL   | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 16:31:58 | DataFile Name :   | 063SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 23161.76 | 23561.10 | 23517.17 | 23413.34   | 0.94    | ppb   |
| Antimony   | 121-1 | 0.03     | 0.03     | 0.03     | 0.03       | 17.50   | ppb   |
| Arsenic    | 75-2  | 3.07     | 3.14     | 3.10     | 3.10       | 1.21    | ppb   |
| Barium     | 135-1 | 115.64   | 117.15   | 115.80   | 116.20     | 0.71    | ppb   |
| Barium     | 137-1 | 116.62   | 116.88   | 115.13   | 116.21     | 0.81    | ppb   |
| Beryllium  | 9-1   | 1.55     | 1.62     | 1.59     | 1.59       | 2.36    | ppb   |
| Bismuth    | 209-1 |          |          |          | 106        |         | %     |
| Bismuth    | 209-2 |          |          |          | 101        |         | %     |
| Boron      | 10-1  | 12.32    | 12.14    | 11.82    | 12.09      | 2.08    | ppb   |
| Boron      | 11-1  | 11.84    | 12.48    | 11.94    | 12.09      | 2.83    | ppb   |
| Cadmium    | 111-1 | 0.40     | 0.39     | 0.37     | 0.39       | 4.05    | ppb   |
| Cadmium    | 106-1 | 3.63     | 3.57     | 3.02     | 3.41       | 9.90    | ppb   |
| Cadmium    | 108-1 | 1.70     | 1.79     | 1.93     | 1.81       | 6.53    | ppb   |
| Calcium    | 43-1  | 2869.45  | 2935.05  | 2908.52  | 2904.34    | 1.14    | ppb   |
| Calcium    | 44-1  | 2935.87  | 2913.63  | 2901.00  | 2916.84    | 0.61    | ppb   |
| Chromium   | 52-2  | 48.97    | 48.79    | 49.08    | 48.94      | 0.30    | ppb   |
| Cobalt     | 59-2  | 32.58    | 32.83    | 33.07    | 32.82      | 0.74    | ppb   |
| Copper     | 63-2  | 44.83    | 45.27    | 45.53    | 45.21      | 0.78    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 109        |         | %     |
| Holmium    | 165-2 |          |          |          | 108        |         | %     |
| Indium     | 115-1 |          |          |          | 106        |         | %     |
| Indium     | 115-2 |          |          |          | 105        |         | %     |
| Iron       | 56-2  | 50591.86 | 51106.92 | 51337.19 | 51011.99   | 0.75    | ppb   |
| Iron       | 57-2  | 48565.61 | 49509.03 | 49555.36 | 49210.00   | 1.14    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 24.66    | 24.25    | 23.79    | 24.23      | 1.78    | ppb   |
| Lead       | 207-1 | 22.11    | 22.22    | 21.72    | 22.02      | 1.21    | ppb   |
| Lead       | 208-1 | 23.28    | 23.04    | 22.77    | 23.03      | 1.09    | ppb   |
| Lithium    | 6-1   |          |          |          | 105        |         | %     |
| Magnesium  | 24-2  | 11261.75 | 11441.67 | 11478.91 | 11394.11   | 1.02    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2944-01DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-1(14.5-15)DL   | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 16:31:58 | DataFile Name :   | 063SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 803.41   | 816.71   | 812.59   | 810.90     | 0.84    | ppb   |
| Molybdenum | 94-1  | 23.21    | 22.97    | 22.23    | 22.80      | 2.24    | ppb   |
| Molybdenum | 95-1  | 0.46     | 0.39     | 0.42     | 0.42       | 8.14    | ppb   |
| Molybdenum | 96-1  | 3.47     | 3.46     | 3.31     | 3.41       | 2.59    | ppb   |
| Molybdenum | 97-1  | 0.44     | 0.44     | 0.43     | 0.44       | 1.69    | ppb   |
| Molybdenum | 98-1  | 0.43     | 0.44     | 0.38     | 0.42       | 7.88    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 52.93    | 53.06    | 53.79    | 53.26      | 0.87    | ppb   |
| Phosphorus | 31-2  | 773.16   | 766.38   | 777.55   | 772.37     | 0.73    | ppb   |
| Potassium  | 39-2  | 3077.73  | 3095.50  | 3069.37  | 3080.87    | 0.43    | ppb   |
| Rhodium    | 103-1 |          |          |          | 104        |         | %     |
| Rhodium    | 103-2 |          |          |          | 104        |         | %     |
| Scandium   | 45-1  |          |          |          | 109        |         | %     |
| Scandium   | 45-2  |          |          |          | 108        |         | %     |
| Selenium   | 77-2  | 21.46    | 17.92    | 21.03    | 20.14      | 9.62    | ppb   |
| Selenium   | 78-2  | 3.62     | 4.00     | 3.42     | 3.68       | 8.01    | ppb   |
| Selenium   | 82-1  | 0.81     | 1.37     | 1.17     | 1.12       | 25.27   | ppb   |
| Silicon    | 28-1  | 4551.37  | 4523.12  | 4520.14  | 4531.54    | 0.38    | ppb   |
| Silver     | 109-1 | 0.03     | 0.03     | 0.04     | 0.03       | 20.83   | ppb   |
| Silver     | 107-1 | 0.05     | 0.06     | 0.06     | 0.06       | 10.70   | ppb   |
| Sodium     | 23-2  | 313.92   | 317.86   | 322.39   | 318.06     | 1.33    | ppb   |
| Strontium  | 86-1  | 17.98    | 17.96    | 17.66    | 17.87      | 0.99    | ppb   |
| Strontium  | 88-1  | 18.01    | 17.87    | 17.70    | 17.86      | 0.89    | ppb   |
| Sulfur     | 34-1  | -2710.27 | -2753.53 | -2806.16 | -2756.66   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 109        |         | %     |
| Terbium    | 159-2 |          |          |          | 108        |         | %     |
| Thallium   | 203-1 | 0.26     | 0.23     | 0.25     | 0.25       | 5.32    | ppb   |
| Thallium   | 205-1 | 0.27     | 0.25     | 0.26     | 0.26       | 3.24    | ppb   |
| Thorium    | 232-1 | 11.81    | 11.68    | 11.43    | 11.64      | 1.67    | ppb   |
| Tin        | 118-1 | 0.09     | 0.13     | 0.11     | 0.11       | 17.35   | ppb   |
| Titanium   | 47-1  | 234.22   | 236.69   | 228.42   | 233.11     | 1.82    | ppb   |
| Uranium    | 238-1 | 3.24     | 3.23     | 3.15     | 3.21       | 1.54    | ppb   |
| Vanadium   | 51-2  | 46.96    | 47.52    | 47.34    | 47.27      | 0.60    | ppb   |
| Yttrium    | 89-1  |          |          |          | 118        |         | %     |
| Yttrium    | 89-2  |          |          |          | 118        |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2944-01DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-1(14.5-15)DL   | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 16:31:58 | DataFile Name :   | 063SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 119.56  | 120.63  | 121.24  | 120.48     | 0.71    | ppb   |
| Zirconium | 90-1 | 14.52   | 14.18   | 14.13   | 14.28      | 1.50    | ppb   |
| Zirconium | 91-1 | 14.42   | 14.63   | 14.36   | 14.47      | 0.99    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2944-02DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-2(14.5-15)DL   | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 16:35:35 | DataFile Name :   | 064SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 14994.79 | 14941.66 | 14916.01 | 14950.82   | 0.27    | ppb   |
| Antimony   | 121-1 | 0.03     | 0.04     | 0.03     | 0.04       | 15.49   | ppb   |
| Arsenic    | 75-2  | 6.55     | 6.91     | 6.54     | 6.67       | 3.20    | ppb   |
| Barium     | 135-1 | 79.82    | 79.59    | 76.82    | 78.74      | 2.12    | ppb   |
| Barium     | 137-1 | 79.23    | 78.50    | 78.54    | 78.76      | 0.52    | ppb   |
| Beryllium  | 9-1   | 1.05     | 1.10     | 1.12     | 1.09       | 3.64    | ppb   |
| Bismuth    | 209-1 |          |          |          | 106        |         | %     |
| Bismuth    | 209-2 |          |          |          | 102        |         | %     |
| Boron      | 10-1  | 5.09     | 4.97     | 5.44     | 5.17       | 4.73    | ppb   |
| Boron      | 11-1  | 5.12     | 4.94     | 5.10     | 5.05       | 1.99    | ppb   |
| Cadmium    | 111-1 | 0.21     | 0.25     | 0.17     | 0.21       | 17.38   | ppb   |
| Cadmium    | 106-1 | 0.40     | 1.45     | 0.64     | 0.83       | 66.55   | ppb   |
| Cadmium    | 108-1 | 0.67     | 0.98     | 1.03     | 0.89       | 21.97   | ppb   |
| Calcium    | 43-1  | 899.41   | 893.81   | 902.34   | 898.52     | 0.48    | ppb   |
| Calcium    | 44-1  | 930.16   | 926.68   | 917.07   | 924.64     | 0.73    | ppb   |
| Chromium   | 52-2  | 34.45    | 34.48    | 34.28    | 34.40      | 0.32    | ppb   |
| Cobalt     | 59-2  | 14.71    | 14.52    | 14.42    | 14.55      | 1.02    | ppb   |
| Copper     | 63-2  | 29.68    | 29.55    | 29.25    | 29.50      | 0.74    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 108        |         | %     |
| Holmium    | 165-2 |          |          |          | 108        |         | %     |
| Indium     | 115-1 |          |          |          | 107        |         | %     |
| Indium     | 115-2 |          |          |          | 107        |         | %     |
| Iron       | 56-2  | 36978.48 | 36617.65 | 36478.46 | 36691.53   | 0.70    | ppb   |
| Iron       | 57-2  | 35359.47 | 35204.21 | 35143.98 | 35235.89   | 0.32    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 17.17    | 17.45    | 17.10    | 17.24      | 1.05    | ppb   |
| Lead       | 207-1 | 15.70    | 15.69    | 15.43    | 15.61      | 0.96    | ppb   |
| Lead       | 208-1 | 16.42    | 16.35    | 16.19    | 16.32      | 0.71    | ppb   |
| Lithium    | 6-1   |          |          |          | 106        |         | %     |
| Magnesium  | 24-2  | 7694.45  | 7706.14  | 7654.70  | 7685.10    | 0.35    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2944-02DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-2(14.5-15)DL   | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 16:35:35 | DataFile Name :   | 064SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 788.95   | 779.70   | 777.78   | 782.14     | 0.76    | ppb   |
| Molybdenum | 94-1  | 14.48    | 14.09    | 14.17    | 14.24      | 1.46    | ppb   |
| Molybdenum | 95-1  | 1.72     | 1.79     | 1.77     | 1.76       | 1.97    | ppb   |
| Molybdenum | 96-1  | 3.36     | 3.50     | 3.40     | 3.42       | 2.04    | ppb   |
| Molybdenum | 97-1  | 1.88     | 1.62     | 1.79     | 1.76       | 7.54    | ppb   |
| Molybdenum | 98-1  | 1.70     | 1.66     | 1.70     | 1.69       | 1.26    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 39.60    | 38.52    | 39.43    | 39.18      | 1.48    | ppb   |
| Phosphorus | 31-2  | 638.24   | 600.16   | 590.91   | 609.77     | 4.11    | ppb   |
| Potassium  | 39-2  | 973.66   | 966.81   | 958.49   | 966.32     | 0.79    | ppb   |
| Rhodium    | 103-1 |          |          |          | 105        |         | %     |
| Rhodium    | 103-2 |          |          |          | 105        |         | %     |
| Scandium   | 45-1  |          |          |          | 108        |         | %     |
| Scandium   | 45-2  |          |          |          | 108        |         | %     |
| Selenium   | 77-2  | 10.05    | 15.50    | 9.60     | 11.72      | 28.02   | ppb   |
| Selenium   | 78-2  | 1.35     | 0.72     | 2.91     | 1.66       | 67.73   | ppb   |
| Selenium   | 82-1  | 0.68     | 0.86     | 0.58     | 0.71       | 20.28   | ppb   |
| Silicon    | 28-1  | 2781.88  | 2787.48  | 2788.43  | 2785.93    | 0.13    | ppb   |
| Silver     | 109-1 | 0.03     | 0.04     | 0.04     | 0.04       | 21.69   | ppb   |
| Silver     | 107-1 | 0.04     | 0.04     | 0.05     | 0.04       | 6.44    | ppb   |
| Sodium     | 23-2  | 122.50   | 123.58   | 121.80   | 122.63     | 0.73    | ppb   |
| Strontium  | 86-1  | 8.16     | 8.25     | 7.88     | 8.10       | 2.40    | ppb   |
| Strontium  | 88-1  | 8.05     | 8.09     | 7.95     | 8.03       | 0.89    | ppb   |
| Sulfur     | 34-1  | -2781.13 | -2696.32 | -2596.50 | -2691.32   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 109        |         | %     |
| Terbium    | 159-2 |          |          |          | 108        |         | %     |
| Thallium   | 203-1 | 0.10     | 0.11     | 0.10     | 0.10       | 6.56    | ppb   |
| Thallium   | 205-1 | 0.10     | 0.10     | 0.10     | 0.10       | 0.74    | ppb   |
| Thorium    | 232-1 | 5.50     | 5.42     | 5.51     | 5.47       | 0.83    | ppb   |
| Tin        | 118-1 | 0.16     | 0.18     | 0.16     | 0.17       | 8.28    | ppb   |
| Titanium   | 47-1  | 116.19   | 115.67   | 117.15   | 116.34     | 0.65    | ppb   |
| Uranium    | 238-1 | 0.70     | 0.69     | 0.67     | 0.69       | 2.41    | ppb   |
| Vanadium   | 51-2  | 26.46    | 26.71    | 26.45    | 26.54      | 0.55    | ppb   |
| Yttrium    | 89-1  |          |          |          | 115        |         | %     |
| Yttrium    | 89-2  |          |          |          | 114        |         | %     |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2944-02DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-2(14.5-15)DL   | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 16:35:35 | DataFile Name :   | 064SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 87.11   | 86.80   | 87.64   | 87.18      | 0.49    | ppb   |
| Zirconium | 90-1 | 8.27    | 8.34    | 8.40    | 8.34       | 0.79    | ppb   |
| Zirconium | 91-1 | 8.52    | 8.77    | 8.66    | 8.65       | 1.46    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2944-03DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-3(4.5-5)DL     | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 16:39:12 | DataFile Name :   | 065SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 24526.49 | 24037.63 | 24584.37 | 24382.83   | 1.23    | ppb   |
| Antimony   | 121-1 | 0.03     | 0.04     | 0.03     | 0.03       | 16.28   | ppb   |
| Arsenic    | 75-2  | 2.84     | 2.52     | 2.35     | 2.57       | 9.68    | ppb   |
| Barium     | 135-1 | 154.72   | 157.08   | 156.04   | 155.94     | 0.76    | ppb   |
| Barium     | 137-1 | 157.18   | 156.15   | 155.62   | 156.32     | 0.51    | ppb   |
| Beryllium  | 9-1   | 0.84     | 0.86     | 0.76     | 0.82       | 6.23    | ppb   |
| Bismuth    | 209-1 |          |          |          | 105        |         | %     |
| Bismuth    | 209-2 |          |          |          | 100        |         | %     |
| Boron      | 10-1  | 3.30     | 2.71     | 3.11     | 3.04       | 9.94    | ppb   |
| Boron      | 11-1  | 3.53     | 3.17     | 3.64     | 3.45       | 7.10    | ppb   |
| Cadmium    | 111-1 | 0.01     | 0.03     | -0.02    | 0.01       | 489.83  | ppb   |
| Cadmium    | 106-1 | 0.58     | 0.46     | -0.09    | 0.31       | 113.68  | ppb   |
| Cadmium    | 108-1 | 1.07     | 0.83     | 0.76     | 0.88       | 18.28   | ppb   |
| Calcium    | 43-1  | 776.99   | 810.46   | 809.64   | 799.03     | 2.39    | ppb   |
| Calcium    | 44-1  | 803.88   | 809.49   | 810.49   | 807.95     | 0.44    | ppb   |
| Chromium   | 52-2  | 66.41    | 65.42    | 66.56    | 66.13      | 0.94    | ppb   |
| Cobalt     | 59-2  | 10.98    | 10.49    | 10.84    | 10.77      | 2.38    | ppb   |
| Copper     | 63-2  | 12.12    | 11.79    | 12.27    | 12.06      | 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 |          |          |          | 108        |         | %     |
| Holmium    | 165-2 |          |          |          | 106        |         | %     |
| Indium     | 115-1 |          |          |          | 105        |         | %     |
| Indium     | 115-2 |          |          |          | 104        |         | %     |
| Iron       | 56-2  | 28855.67 | 28265.14 | 28829.34 | 28650.05   | 1.16    | ppb   |
| Iron       | 57-2  | 27756.83 | 27208.30 | 27655.67 | 27540.27   | 1.06    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 19.26    | 19.84    | 19.75    | 19.62      | 1.60    | ppb   |
| Lead       | 207-1 | 17.57    | 17.89    | 17.61    | 17.69      | 0.97    | ppb   |
| Lead       | 208-1 | 18.27    | 18.55    | 18.56    | 18.46      | 0.90    | ppb   |
| Lithium    | 6-1   |          |          |          | 104        |         | %     |
| Magnesium  | 24-2  | 3442.73  | 3400.53  | 3433.12  | 3425.46    | 0.65    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2944-03DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-3(4.5-5)DL     | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 16:39:12 | DataFile Name :   | 065SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 83.86    | 82.80    | 83.69    | 83.45      | 0.69    | ppb   |
| Molybdenum | 94-1  | 12.13    | 12.19    | 15.44    | 13.25      | 14.29   | ppb   |
| Molybdenum | 95-1  | 0.11     | 0.12     | 0.09     | 0.11       | 13.13   | ppb   |
| Molybdenum | 96-1  | 1.65     | 1.66     | 1.69     | 1.67       | 1.29    | ppb   |
| Molybdenum | 97-1  | 0.17     | 0.09     | 0.12     | 0.13       | 31.76   | ppb   |
| Molybdenum | 98-1  | 0.10     | 0.11     | 0.10     | 0.10       | 4.71    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 18.06    | 17.90    | 18.36    | 18.11      | 1.29    | ppb   |
| Phosphorus | 31-2  | 14.82    | 10.71    | 16.92    | 14.15      | 22.32   | ppb   |
| Potassium  | 39-2  | 323.42   | 304.82   | 315.77   | 314.67     | 2.97    | ppb   |
| Rhodium    | 103-1 |          |          |          | 104        |         | %     |
| Rhodium    | 103-2 |          |          |          | 103        |         | %     |
| Scandium   | 45-1  |          |          |          | 110        |         | %     |
| Scandium   | 45-2  |          |          |          | 109        |         | %     |
| Selenium   | 77-2  | 21.29    | 16.06    | 18.50    | 18.61      | 14.06   | ppb   |
| Selenium   | 78-2  | 3.52     | 3.58     | 3.68     | 3.59       | 2.35    | ppb   |
| Selenium   | 82-1  | 1.34     | 1.10     | 1.19     | 1.21       | 9.99    | ppb   |
| Silicon    | 28-1  | 5258.96  | 5330.58  | 5350.61  | 5313.39    | 0.91    | ppb   |
| Silver     | 109-1 | 0.01     | 0.01     | 0.02     | 0.02       | 31.94   | ppb   |
| Silver     | 107-1 | 0.02     | 0.02     | 0.01     | 0.02       | 19.93   | ppb   |
| Sodium     | 23-2  | 100.95   | 101.41   | 100.04   | 100.80     | 0.69    | ppb   |
| Strontium  | 86-1  | 7.71     | 7.95     | 7.97     | 7.87       | 1.78    | ppb   |
| Strontium  | 88-1  | 7.89     | 8.00     | 7.98     | 7.96       | 0.74    | ppb   |
| Sulfur     | 34-1  | -3033.22 | -3029.30 | -2972.36 | -3011.63   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 108        |         | %     |
| Terbium    | 159-2 |          |          |          | 106        |         | %     |
| Thallium   | 203-1 | 0.14     | 0.16     | 0.16     | 0.15       | 8.42    | ppb   |
| Thallium   | 205-1 | 0.15     | 0.15     | 0.16     | 0.15       | 3.06    | ppb   |
| Thorium    | 232-1 | 9.21     | 9.24     | 9.18     | 9.21       | 0.32    | ppb   |
| Tin        | 118-1 | 0.02     | 0.02     | 0.02     | 0.02       | 18.62   | ppb   |
| Titanium   | 47-1  | 87.00    | 89.21    | 89.05    | 88.42      | 1.40    | ppb   |
| Uranium    | 238-1 | 4.06     | 4.06     | 4.10     | 4.07       | 0.62    | ppb   |
| Vanadium   | 51-2  | 84.77    | 83.41    | 84.98    | 84.39      | 1.01    | ppb   |
| Yttrium    | 89-1  |          |          |          | 116        |         | %     |
| Yttrium    | 89-2  |          |          |          | 115        |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2944-03DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-3(4.5-5)DL     | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 16:39:12 | DataFile Name :   | 065SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 34.46   | 35.11   | 35.93   | 35.17      | 2.10    | ppb   |
| Zirconium | 90-1 | 7.46    | 7.67    | 7.65    | 7.59       | 1.55    | ppb   |
| Zirconium | 91-1 | 7.46    | 7.50    | 7.87    | 7.61       | 2.97    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2944-04DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-4(5-5.5)DL     | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 16:42:47 | DataFile Name :   | 066SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 30016.97 | 30156.56 | 30098.78 | 30090.77   | 0.23    | ppb   |
| Antimony   | 121-1 | -0.01    | 0.01     | 0.01     | 0.01       | 189.83  | ppb   |
| Arsenic    | 75-2  | 5.03     | 4.96     | 4.99     | 4.99       | 0.72    | ppb   |
| Barium     | 135-1 | 286.29   | 285.00   | 286.60   | 285.96     | 0.30    | ppb   |
| Barium     | 137-1 | 285.50   | 284.28   | 287.34   | 285.70     | 0.54    | ppb   |
| Beryllium  | 9-1   | 1.58     | 1.63     | 1.66     | 1.62       | 2.33    | ppb   |
| Bismuth    | 209-1 |          |          |          | 102        |         | %     |
| Bismuth    | 209-2 |          |          |          | 98         |         | %     |
| Boron      | 10-1  | 3.28     | 3.30     | 3.16     | 3.24       | 2.34    | ppb   |
| Boron      | 11-1  | 3.66     | 3.45     | 3.33     | 3.48       | 4.81    | ppb   |
| Cadmium    | 111-1 | 0.13     | 0.10     | 0.01     | 0.08       | 78.85   | ppb   |
| Cadmium    | 106-1 | 2.53     | 1.91     | 0.89     | 1.77       | 46.71   | ppb   |
| Cadmium    | 108-1 | 1.62     | 1.24     | 1.61     | 1.49       | 14.66   | ppb   |
| Calcium    | 43-1  | 3052.23  | 2895.67  | 2972.54  | 2973.48    | 2.63    | ppb   |
| Calcium    | 44-1  | 3014.97  | 2985.23  | 3001.89  | 3000.70    | 0.50    | ppb   |
| Chromium   | 52-2  | 80.67    | 80.57    | 80.31    | 80.52      | 0.23    | ppb   |
| Cobalt     | 59-2  | 13.15    | 13.05    | 12.99    | 13.06      | 0.61    | ppb   |
| Copper     | 63-2  | 10.55    | 10.24    | 10.49    | 10.43      | 1.57    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 105        |         | %     |
| Holmium    | 165-2 |          |          |          | 105        |         | %     |
| Indium     | 115-1 |          |          |          | 103        |         | %     |
| Indium     | 115-2 |          |          |          | 103        |         | %     |
| Iron       | 56-2  | 49458.68 | 49527.85 | 49383.48 | 49456.67   | 0.15    | ppb   |
| Iron       | 57-2  | 47246.74 | 47559.85 | 47473.61 | 47426.74   | 0.34    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 24.89    | 24.67    | 24.87    | 24.81      | 0.49    | ppb   |
| Lead       | 207-1 | 22.57    | 22.39    | 22.52    | 22.50      | 0.41    | ppb   |
| Lead       | 208-1 | 23.55    | 23.40    | 23.49    | 23.48      | 0.33    | ppb   |
| Lithium    | 6-1   |          |          |          | 101        |         | %     |
| Magnesium  | 24-2  | 5600.48  | 5613.19  | 5598.40  | 5604.02    | 0.14    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2944-04DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-4(5-5.5)DL     | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 16:42:47 | DataFile Name :   | 066SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 165.49   | 166.48   | 166.08   | 166.02     | 0.30    | ppb   |
| Molybdenum | 94-1  | 19.17    | 19.31    | 18.80    | 19.09      | 1.39    | ppb   |
| Molybdenum | 95-1  | 0.25     | 0.24     | 0.24     | 0.24       | 4.20    | ppb   |
| Molybdenum | 96-1  | 2.70     | 2.61     | 2.68     | 2.66       | 1.73    | ppb   |
| Molybdenum | 97-1  | 0.23     | 0.22     | 0.21     | 0.22       | 2.53    | ppb   |
| Molybdenum | 98-1  | 0.23     | 0.22     | 0.23     | 0.22       | 2.53    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 26.77    | 27.43    | 27.92    | 27.37      | 2.10    | ppb   |
| Phosphorus | 31-2  | 88.88    | 110.21   | 72.25    | 90.44      | 21.04   | ppb   |
| Potassium  | 39-2  | 492.89   | 492.06   | 494.08   | 493.01     | 0.21    | ppb   |
| Rhodium    | 103-1 |          |          |          | 101        |         | %     |
| Rhodium    | 103-2 |          |          |          | 101        |         | %     |
| Scandium   | 45-1  |          |          |          | 109        |         | %     |
| Scandium   | 45-2  |          |          |          | 109        |         | %     |
| Selenium   | 77-2  | 22.85    | 25.49    | 19.49    | 22.61      | 13.31   | ppb   |
| Selenium   | 78-2  | 5.37     | 6.12     | 4.45     | 5.32       | 15.69   | ppb   |
| Selenium   | 82-1  | 2.16     | 2.21     | 2.18     | 2.18       | 1.16    | ppb   |
| Silicon    | 28-1  | 4157.27  | 4083.29  | 4143.49  | 4128.02    | 0.95    | ppb   |
| Silver     | 109-1 | 0.08     | 0.09     | 0.08     | 0.08       | 9.14    | ppb   |
| Silver     | 107-1 | 0.11     | 0.10     | 0.10     | 0.10       | 3.85    | ppb   |
| Sodium     | 23-2  | 215.65   | 218.53   | 221.50   | 218.56     | 1.34    | ppb   |
| Strontium  | 86-1  | 15.63    | 15.51    | 15.41    | 15.52      | 0.70    | ppb   |
| Strontium  | 88-1  | 15.48    | 15.49    | 15.37    | 15.45      | 0.44    | ppb   |
| Sulfur     | 34-1  | -2784.05 | -2813.10 | -2823.68 | -2806.95   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 105        |         | %     |
| Terbium    | 159-2 |          |          |          | 105        |         | %     |
| Thallium   | 203-1 | 0.25     | 0.23     | 0.22     | 0.24       | 7.59    | ppb   |
| Thallium   | 205-1 | 0.23     | 0.24     | 0.23     | 0.23       | 2.50    | ppb   |
| Thorium    | 232-1 | 11.94    | 11.83    | 11.78    | 11.85      | 0.66    | ppb   |
| Tin        | 118-1 | 0.06     | 0.04     | 0.09     | 0.06       | 40.46   | ppb   |
| Titanium   | 47-1  | 150.98   | 148.13   | 148.99   | 149.37     | 0.98    | ppb   |
| Uranium    | 238-1 | 5.80     | 5.69     | 5.67     | 5.72       | 1.28    | ppb   |
| Vanadium   | 51-2  | 121.00   | 122.18   | 122.25   | 121.81     | 0.58    | ppb   |
| Yttrium    | 89-1  |          |          |          | 117        |         | %     |
| Yttrium    | 89-2  |          |          |          | 118        |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2944-04DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-4(5-5.5)DL     | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 16:42:47 | DataFile Name :   | 066SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 63.50   | 64.16   | 64.95   | 64.20      | 1.13    | ppb   |
| Zirconium | 90-1 | 11.95   | 11.86   | 11.69   | 11.83      | 1.08    | ppb   |
| Zirconium | 91-1 | 12.19   | 11.92   | 12.07   | 12.06      | 1.14    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB103076            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV21               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV21               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2019-05-29 16:46:24 | DataFile Name :   | 067CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 55591.91  | 55147.06  | 56164.22  | 55634.39   | 0.92    | ppb   |
| Antimony   | 121-1 | 505.63    | 507.41    | 506.90    | 506.64     | 0.18    | ppb   |
| Arsenic    | 75-2  | 522.55    | 516.03    | 518.61    | 519.06     | 0.63    | ppb   |
| Barium     | 135-1 | 2588.03   | 2575.47   | 2576.21   | 2579.90    | 0.27    | ppb   |
| Barium     | 137-1 | 2638.06   | 2664.57   | 2654.15   | 2652.26    | 0.50    | ppb   |
| Beryllium  | 9-1   | 526.74    | 525.24    | 521.18    | 524.39     | 0.55    | ppb   |
| Bismuth    | 209-1 |           |           |           | 91         |         | %     |
| Bismuth    | 209-2 |           |           |           | 85         |         | %     |
| Boron      | 10-1  | 499.57    | 509.63    | 511.23    | 506.81     | 1.25    | ppb   |
| Boron      | 11-1  | 496.94    | 506.12    | 508.64    | 503.90     | 1.22    | ppb   |
| Cadmium    | 111-1 | 472.34    | 478.38    | 475.57    | 475.43     | 0.64    | ppb   |
| Cadmium    | 106-1 | 480.14    | 493.32    | 492.96    | 488.81     | 1.54    | ppb   |
| Cadmium    | 108-1 | 483.66    | 493.11    | 490.84    | 489.20     | 1.01    | ppb   |
| Calcium    | 43-1  | 248135.13 | 248444.88 | 249975.69 | 248851.90  | 0.40    | ppb   |
| Calcium    | 44-1  | 249155.32 | 248942.47 | 251832.71 | 249976.83  | 0.64    | ppb   |
| Chromium   | 52-2  | 489.95    | 486.48    | 492.25    | 489.56     | 0.59    | ppb   |
| Cobalt     | 59-2  | 481.62    | 480.90    | 486.88    | 483.13     | 0.68    | ppb   |
| Copper     | 63-2  | 958.96    | 965.81    | 971.50    | 965.42     | 0.65    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 100        |         | %     |
| Holmium    | 165-2 |           |           |           | 97         |         | %     |
| Indium     | 115-1 |           |           |           | 91         |         | %     |
| Indium     | 115-2 |           |           |           | 90         |         | %     |
| Iron       | 56-2  | 129728.20 | 129181.03 | 129852.76 | 129587.33  | 0.28    | ppb   |
| Iron       | 57-2  | 130227.63 | 129862.05 | 131184.17 | 130424.62  | 0.52    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 505.95    | 507.91    | 509.68    | 507.85     | 0.37    | ppb   |
| Lead       | 207-1 | 510.26    | 508.46    | 512.40    | 510.37     | 0.39    | ppb   |
| Lead       | 208-1 | 515.18    | 515.49    | 517.01    | 515.89     | 0.19    | ppb   |
| Lithium    | 6-1   |           |           |           | 90         |         | %     |
| Magnesium  | 24-2  | 255622.31 | 255528.42 | 258269.00 | 256473.24  | 0.61    | ppb   |



|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB103076            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV21               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV21               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2019-05-29 16:46:24 | DataFile Name :   | 067CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 968.46    | 959.88    | 974.55    | 967.63     | 0.76    | ppb   |
| Molybdenum | 94-1  | 2596.71   | 2617.26   | 2602.86   | 2605.61    | 0.40    | ppb   |
| Molybdenum | 95-1  | 2586.03   | 2600.91   | 2595.06   | 2594.00    | 0.29    | ppb   |
| Molybdenum | 96-1  | 2582.26   | 2612.09   | 2601.58   | 2598.64    | 0.58    | ppb   |
| Molybdenum | 97-1  | 2568.09   | 2608.84   | 2592.21   | 2589.71    | 0.79    | ppb   |
| Molybdenum | 98-1  | 2576.20   | 2609.14   | 2586.93   | 2590.76    | 0.65    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 473.06    | 476.00    | 478.05    | 475.70     | 0.53    | ppb   |
| Phosphorus | 31-2  | 9635.82   | 9592.05   | 9806.34   | 9678.07    | 1.17    | ppb   |
| Potassium  | 39-2  | 130209.86 | 130478.82 | 131799.12 | 130829.27  | 0.65    | ppb   |
| Rhodium    | 103-1 |           |           |           | 85         |         | %     |
| Rhodium    | 103-2 |           |           |           | 85         |         | %     |
| Scandium   | 45-1  |           |           |           | 90         |         | %     |
| Scandium   | 45-2  |           |           |           | 94         |         | %     |
| Selenium   | 77-2  | 497.54    | 526.96    | 507.94    | 510.82     | 2.92    | ppb   |
| Selenium   | 78-2  | 516.49    | 504.02    | 518.42    | 512.98     | 1.52    | ppb   |
| Selenium   | 82-1  | 506.38    | 516.55    | 514.96    | 512.63     | 1.07    | ppb   |
| Silicon    | 28-1  | 556.05    | 558.90    | 555.32    | 556.75     | 0.34    | ppb   |
| Silver     | 109-1 | 486.15    | 488.60    | 485.86    | 486.87     | 0.31    | ppb   |
| Silver     | 107-1 | 485.54    | 486.27    | 486.56    | 486.12     | 0.11    | ppb   |
| Sodium     | 23-2  | 254843.87 | 255600.92 | 256741.65 | 255728.81  | 0.37    | ppb   |
| Strontium  | 86-1  | 510.39    | 508.22    | 512.18    | 510.27     | 0.39    | ppb   |
| Strontium  | 88-1  | 515.04    | 515.35    | 517.56    | 515.98     | 0.27    | ppb   |
| Sulfur     | 34-1  | 10935.60  | 11064.72  | 11064.96  | 11021.76   | 0.68    | ppb   |
| Terbium    | 159-1 |           |           |           | 99         |         | %     |
| Terbium    | 159-2 |           |           |           | 97         |         | %     |
| Thallium   | 203-1 | 511.61    | 514.05    | 509.17    | 511.61     | 0.48    | ppb   |
| Thallium   | 205-1 | 524.20    | 526.98    | 525.09    | 525.42     | 0.27    | ppb   |
| Thorium    | 232-1 | 525.25    | 527.06    | 525.15    | 525.82     | 0.20    | ppb   |
| Tin        | 118-1 | 514.30    | 512.55    | 516.82    | 514.56     | 0.42    | ppb   |
| Titanium   | 47-1  | 2602.55   | 2608.65   | 2623.16   | 2611.45    | 0.41    | ppb   |
| Uranium    | 238-1 | 519.50    | 519.05    | 516.52    | 518.36     | 0.31    | ppb   |
| Vanadium   | 51-2  | 494.26    | 491.64    | 494.46    | 493.45     | 0.32    | ppb   |
| Yttrium    | 89-1  |           |           |           | 94         |         | %     |
| Yttrium    | 89-2  |           |           |           | 94         |         | %     |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB103076            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV21               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV21               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2019-05-29 16:46:24 | DataFile Name :   | 067CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 957.78  | 952.75  | 964.54  | 958.35     | 0.62    | ppb   |
| Zirconium | 90-1 | 516.11  | 523.12  | 523.00  | 520.74     | 0.77    | ppb   |
| Zirconium | 91-1 | 508.08  | 515.82  | 508.97  | 510.95     | 0.83    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB21               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB21               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 16:50:01 | DataFile Name :   | 068CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 4.98    | 3.17    | 2.85    | 3.67       | 31.34   | ppb   |
| Antimony   | 121-1 | 0.34    | 0.37    | 0.45    | 0.39       | 15.57   | ppb   |
| Arsenic    | 75-2  | 0.08    | 0.09    | 0.07    | 0.08       | 14.04   | ppb   |
| Barium     | 135-1 | 0.34    | 0.26    | 0.23    | 0.28       | 20.28   | ppb   |
| Barium     | 137-1 | 0.30    | 0.24    | 0.24    | 0.26       | 13.77   | ppb   |
| Beryllium  | 9-1   | 0.12    | 0.14    | 0.13    | 0.13       | 5.84    | ppb   |
| Bismuth    | 209-1 |         |         |         | 106        |         | %     |
| Bismuth    | 209-2 |         |         |         | 100        |         | %     |
| Boron      | 10-1  | 15.70   | 16.24   | 14.77   | 15.57      | 4.77    | ppb   |
| Boron      | 11-1  | 17.54   | 16.11   | 14.55   | 16.07      | 9.31    | ppb   |
| Cadmium    | 111-1 | 0.03    | 0.03    | 0.08    | 0.05       | 65.25   | ppb   |
| Cadmium    | 106-1 | -0.37   | -0.46   | 0.31    | -0.18      |         | ppb   |
| Cadmium    | 108-1 | 0.08    | 0.03    | 0.11    | 0.08       | 52.33   | ppb   |
| Calcium    | 43-1  | 20.04   | 21.76   | 22.97   | 21.59      | 6.82    | ppb   |
| Calcium    | 44-1  | 24.68   | 23.10   | 18.50   | 22.09      | 14.53   | ppb   |
| Chromium   | 52-2  | 0.04    | 0.02    | 0.04    | 0.03       | 38.78   | ppb   |
| Cobalt     | 59-2  | 0.03    | 0.02    | 0.03    | 0.03       | 12.89   | ppb   |
| Copper     | 63-2  | 0.08    | 0.07    | 0.06    | 0.07       | 14.61   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 106        |         | %     |
| Holmium    | 165-2 |         |         |         | 105        |         | %     |
| Indium     | 115-1 |         |         |         | 105        |         | %     |
| Indium     | 115-2 |         |         |         | 104        |         | %     |
| Iron       | 56-2  | 9.20    | 7.78    | 7.17    | 8.05       | 12.96   | ppb   |
| Iron       | 57-2  | 9.89    | 7.84    | 5.20    | 7.64       | 30.74   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.09    | 0.07    | 0.07    | 0.08       | 18.19   | ppb   |
| Lead       | 207-1 | 0.08    | 0.08    | 0.08    | 0.08       | 4.12    | ppb   |
| Lead       | 208-1 | 0.09    | 0.09    | 0.08    | 0.09       | 8.09    | ppb   |
| Lithium    | 6-1   |         |         |         | 102        |         | %     |
| Magnesium  | 24-2  | 15.83   | 12.86   | 11.69   | 13.46      | 15.88   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB21               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB21               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 16:50:01 | DataFile Name :   | 068CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 0.05    | 0.05    | 0.03    | 0.04       | 27.03   | ppb   |
| Molybdenum | 94-1  | 0.63    | 0.57    | 0.48    | 0.56       | 14.01   | ppb   |
| Molybdenum | 95-1  | 0.73    | 0.60    | 0.60    | 0.64       | 11.33   | ppb   |
| Molybdenum | 96-1  | 0.66    | 0.61    | 0.51    | 0.59       | 13.07   | ppb   |
| Molybdenum | 97-1  | 0.60    | 0.60    | 0.57    | 0.59       | 2.71    | ppb   |
| Molybdenum | 98-1  | 0.73    | 0.56    | 0.56    | 0.62       | 16.31   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.01    | 0.01    | 0.01    | 0.01       | 27.72   | ppb   |
| Phosphorus | 31-2  | -41.29  | -39.56  | -37.95  | -39.60     |         | ppb   |
| Potassium  | 39-2  | 28.58   | 25.91   | 23.68   | 26.06      | 9.41    | ppb   |
| Rhodium    | 103-1 |         |         |         | 103        |         | %     |
| Rhodium    | 103-2 |         |         |         | 103        |         | %     |
| Scandium   | 45-1  |         |         |         | 104        |         | %     |
| Scandium   | 45-2  |         |         |         | 104        |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | -0.35   | -0.20   | -0.08   | -0.21      |         | ppb   |
| Selenium   | 82-1  | 0.22    | 0.24    | 0.00    | 0.15       | 87.78   | ppb   |
| Silicon    | 28-1  | 1.94    | 1.04    | 1.25    | 1.41       | 33.55   | ppb   |
| Silver     | 109-1 | 0.07    | 0.05    | 0.06    | 0.06       | 13.98   | ppb   |
| Silver     | 107-1 | 0.08    | 0.06    | 0.05    | 0.07       | 24.89   | ppb   |
| Sodium     | 23-2  | 51.74   | 47.31   | 44.51   | 47.86      | 7.62    | ppb   |
| Strontium  | 86-1  | 0.02    | 0.03    | 0.00    | 0.02       | 104.55  | ppb   |
| Strontium  | 88-1  | 0.06    | 0.05    | 0.04    | 0.05       | 23.71   | ppb   |
| Sulfur     | 34-1  | 24.03   | -21.01  | 144.70  | 49.24      | 174.01  | ppb   |
| Terbium    | 159-1 |         |         |         | 106        |         | %     |
| Terbium    | 159-2 |         |         |         | 105        |         | %     |
| Thallium   | 203-1 | 0.12    | 0.10    | 0.10    | 0.11       | 14.66   | ppb   |
| Thallium   | 205-1 | 0.12    | 0.10    | 0.09    | 0.11       | 15.27   | ppb   |
| Thorium    | 232-1 | 0.11    | 0.10    | 0.09    | 0.10       | 11.14   | ppb   |
| Tin        | 118-1 | 0.18    | 0.15    | 0.20    | 0.18       | 12.96   | ppb   |
| Titanium   | 47-1  | 0.40    | 0.34    | 0.21    | 0.32       | 30.18   | ppb   |
| Uranium    | 238-1 | 0.05    | 0.05    | 0.04    | 0.04       | 18.17   | ppb   |
| Vanadium   | 51-2  | 0.02    | 0.03    | 0.03    | 0.03       | 19.98   | ppb   |
| Yttrium    | 89-1  |         |         |         | 104        |         | %     |
| Yttrium    | 89-2  |         |         |         | 104        |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB21               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB21               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 16:50:01 | DataFile Name :   | 068CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 0.13    | 0.05    | 0.12    | 0.10       | 45.48   | ppb   |
| Zirconium | 90-1 | 0.07    | 0.08    | 0.06    | 0.07       | 12.65   | ppb   |
| Zirconium | 91-1 | 0.08    | 0.06    | 0.08    | 0.07       | 18.25   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2944-05DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-5(4.5-5)DL     | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 16:53:38 | DataFile Name :   | 069SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 17320.88 | 17473.50 | 17452.89 | 17415.76   | 0.48    | ppb   |
| Antimony   | 121-1 | 0.44     | 0.36     | 0.42     | 0.41       | 9.57    | ppb   |
| Arsenic    | 75-2  | 8.23     | 8.38     | 8.65     | 8.42       | 2.56    | ppb   |
| Barium     | 135-1 | 208.45   | 206.63   | 203.91   | 206.33     | 1.11    | ppb   |
| Barium     | 137-1 | 205.74   | 205.97   | 205.12   | 205.61     | 0.21    | ppb   |
| Beryllium  | 9-1   | 1.23     | 1.18     | 1.14     | 1.18       | 3.60    | ppb   |
| Bismuth    | 209-1 |          |          |          | 106        |         | %     |
| Bismuth    | 209-2 |          |          |          | 100        |         | %     |
| Boron      | 10-1  | 10.99    | 10.78    | 10.40    | 10.72      | 2.80    | ppb   |
| Boron      | 11-1  | 10.47    | 10.63    | 10.14    | 10.41      | 2.39    | ppb   |
| Cadmium    | 111-1 | 1.39     | 1.32     | 1.52     | 1.41       | 7.26    | ppb   |
| Cadmium    | 106-1 | 2.66     | 3.97     | 5.54     | 4.05       | 35.60   | ppb   |
| Cadmium    | 108-1 | 2.44     | 2.31     | 2.12     | 2.29       | 7.07    | ppb   |
| Calcium    | 43-1  | 3338.16  | 3300.15  | 3221.93  | 3286.75    | 1.80    | ppb   |
| Calcium    | 44-1  | 3353.57  | 3317.64  | 3336.08  | 3335.76    | 0.54    | ppb   |
| Chromium   | 52-2  | 58.65    | 59.08    | 59.52    | 59.08      | 0.74    | ppb   |
| Cobalt     | 59-2  | 20.93    | 21.26    | 21.16    | 21.12      | 0.81    | ppb   |
| Copper     | 63-2  | 107.63   | 107.67   | 108.63   | 107.98     | 0.53    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 108        |         | %     |
| Holmium    | 165-2 |          |          |          | 106        |         | %     |
| Indium     | 115-1 |          |          |          | 106        |         | %     |
| Indium     | 115-2 |          |          |          | 104        |         | %     |
| Iron       | 56-2  | 34250.35 | 34220.32 | 34350.62 | 34273.77   | 0.20    | ppb   |
| Iron       | 57-2  | 32741.71 | 32943.81 | 33101.42 | 32928.98   | 0.55    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 376.00   | 368.69   | 368.70   | 371.13     | 1.14    | ppb   |
| Lead       | 207-1 | 342.57   | 337.91   | 336.84   | 339.11     | 0.90    | ppb   |
| Lead       | 208-1 | 361.73   | 357.31   | 356.02   | 358.35     | 0.84    | ppb   |
| Lithium    | 6-1   |          |          |          | 103        |         | %     |
| Magnesium  | 24-2  | 6120.87  | 6166.72  | 6167.79  | 6151.79    | 0.44    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2944-05DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-5(4.5-5)DL     | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 16:53:38 | DataFile Name :   | 069SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 834.39  | 840.68  | 842.75  | 839.27     | 0.52    | ppb   |
| Molybdenum | 94-1  | 17.60   | 17.08   | 17.36   | 17.35      | 1.53    | ppb   |
| Molybdenum | 95-1  | 0.88    | 0.92    | 0.98    | 0.93       | 5.57    | ppb   |
| Molybdenum | 96-1  | 3.13    | 3.07    | 2.99    | 3.06       | 2.40    | ppb   |
| Molybdenum | 97-1  | 1.01    | 0.86    | 0.83    | 0.90       | 11.20   | ppb   |
| Molybdenum | 98-1  | 0.96    | 0.89    | 0.86    | 0.90       | 5.47    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 34.46   | 34.20   | 33.71   | 34.12      | 1.13    | ppb   |
| Phosphorus | 31-2  | 573.41  | 578.12  | 649.93  | 600.49     | 7.14    | ppb   |
| Potassium  | 39-2  | 713.30  | 713.74  | 716.83  | 714.62     | 0.27    | ppb   |
| Rhodium    | 103-1 |         |         |         | 104        |         | %     |
| Rhodium    | 103-2 |         |         |         | 103        |         | %     |
| Scandium   | 45-1  |         |         |         | 108        |         | %     |
| Scandium   | 45-2  |         |         |         | 108        |         | %     |
| Selenium   | 77-2  | 14.16   | 12.53   | 9.40    | 12.03      | 20.09   | ppb   |
| Selenium   | 78-2  | 2.18    | 2.55    | 4.23    | 2.99       | 36.47   | ppb   |
| Selenium   | 82-1  | 1.48    | 1.00    | 1.74    | 1.41       | 26.44   | ppb   |
| Silicon    | 28-1  | 3950.68 | 3933.62 | 3942.78 | 3942.36    | 0.22    | ppb   |
| Silver     | 109-1 | 0.44    | 0.46    | 0.44    | 0.44       | 2.38    | ppb   |
| Silver     | 107-1 | 0.50    | 0.42    | 0.43    | 0.45       | 8.92    | ppb   |
| Sodium     | 23-2  | 195.74  | 199.51  | 200.30  | 198.52     | 1.23    | ppb   |
| Strontium  | 86-1  | 18.01   | 18.06   | 17.95   | 18.00      | 0.30    | ppb   |
| Strontium  | 88-1  | 18.14   | 18.05   | 17.94   | 18.04      | 0.57    | ppb   |
| Sulfur     | 34-1  | -630.02 | -829.82 | -931.38 | -797.07    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 108        |         | %     |
| Terbium    | 159-2 |         |         |         | 107        |         | %     |
| Thallium   | 203-1 | 0.15    | 0.14    | 0.17    | 0.15       | 8.61    | ppb   |
| Thallium   | 205-1 | 0.17    | 0.18    | 0.16    | 0.17       | 5.73    | ppb   |
| Thorium    | 232-1 | 4.95    | 5.03    | 4.95    | 4.98       | 0.88    | ppb   |
| Tin        | 118-1 | 1.17    | 1.22    | 1.15    | 1.18       | 3.00    | ppb   |
| Titanium   | 47-1  | 364.17  | 360.19  | 359.68  | 361.35     | 0.68    | ppb   |
| Uranium    | 238-1 | 1.98    | 1.98    | 1.96    | 1.97       | 0.58    | ppb   |
| Vanadium   | 51-2  | 77.22   | 77.34   | 77.09   | 77.22      | 0.16    | ppb   |
| Yttrium    | 89-1  |         |         |         | 114        |         | %     |
| Yttrium    | 89-2  |         |         |         | 113        |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2944-05DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-5(4.5-5)DL     | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 16:53:38 | DataFile Name :   | 069SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 191.03  | 196.44  | 193.98  | 193.82     | 1.40    | ppb   |
| Zirconium | 90-1 | 10.75   | 10.70   | 10.69   | 10.71      | 0.31    | ppb   |
| Zirconium | 91-1 | 11.17   | 11.15   | 10.59   | 10.97      | 2.99    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2944-06DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-6(4.5-5)DL     | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 16:57:14 | DataFile Name :   | 070SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 16194.68 | 16188.64 | 15983.72 | 16122.35   | 0.74    | ppb   |
| Antimony   | 121-1 | 0.06     | 0.06     | 0.07     | 0.07       | 11.64   | ppb   |
| Arsenic    | 75-2  | 3.81     | 3.59     | 3.55     | 3.65       | 3.83    | ppb   |
| Barium     | 135-1 | 130.47   | 124.11   | 127.13   | 127.24     | 2.50    | ppb   |
| Barium     | 137-1 | 131.28   | 124.76   | 128.09   | 128.04     | 2.55    | ppb   |
| Beryllium  | 9-1   | 0.64     | 0.62     | 0.64     | 0.63       | 1.98    | ppb   |
| Bismuth    | 209-1 |          |          |          | 108        |         | %     |
| Bismuth    | 209-2 |          |          |          | 101        |         | %     |
| Boron      | 10-1  | 6.52     | 6.40     | 6.45     | 6.46       | 0.87    | ppb   |
| Boron      | 11-1  | 6.89     | 7.18     | 6.42     | 6.83       | 5.62    | ppb   |
| Cadmium    | 111-1 | 0.22     | 0.02     | 0.13     | 0.12       | 83.25   | ppb   |
| Cadmium    | 106-1 | 2.84     | 0.36     | 1.49     | 1.56       | 79.59   | ppb   |
| Cadmium    | 108-1 | 0.95     | 1.17     | 0.81     | 0.98       | 18.78   | ppb   |
| Calcium    | 43-1  | 1462.42  | 1382.09  | 1406.56  | 1417.02    | 2.91    | ppb   |
| Calcium    | 44-1  | 1495.86  | 1437.30  | 1441.17  | 1458.11    | 2.25    | ppb   |
| Chromium   | 52-2  | 53.04    | 53.45    | 53.09    | 53.20      | 0.42    | ppb   |
| Cobalt     | 59-2  | 9.41     | 9.54     | 9.36     | 9.44       | 1.01    | ppb   |
| Copper     | 63-2  | 11.89    | 12.33    | 12.19    | 12.14      | 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 |          |          |          | 110        |         | %     |
| Holmium    | 165-2 |          |          |          | 108        |         | %     |
| Indium     | 115-1 |          |          |          | 108        |         | %     |
| Indium     | 115-2 |          |          |          | 106        |         | %     |
| Iron       | 56-2  | 36755.89 | 36565.36 | 36084.53 | 36468.59   | 0.95    | ppb   |
| Iron       | 57-2  | 35110.14 | 35297.30 | 34531.31 | 34979.58   | 1.14    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 14.47    | 13.84    | 13.81    | 14.04      | 2.66    | ppb   |
| Lead       | 207-1 | 12.96    | 12.48    | 12.80    | 12.75      | 1.90    | ppb   |
| Lead       | 208-1 | 13.69    | 13.10    | 13.26    | 13.35      | 2.26    | ppb   |
| Lithium    | 6-1   |          |          |          | 105        |         | %     |
| Magnesium  | 24-2  | 3534.27  | 3526.59  | 3539.98  | 3533.61    | 0.19    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2944-06DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-6(4.5-5)DL     | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 16:57:14 | DataFile Name :   | 070SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 181.08   | 181.13   | 179.96   | 180.73     | 0.37    | ppb   |
| Molybdenum | 94-1  | 13.95    | 13.15    | 13.42    | 13.50      | 3.03    | ppb   |
| Molybdenum | 95-1  | 0.32     | 0.32     | 0.30     | 0.31       | 3.90    | ppb   |
| Molybdenum | 96-1  | 2.10     | 2.01     | 1.98     | 2.03       | 3.16    | ppb   |
| Molybdenum | 97-1  | 0.36     | 0.24     | 0.33     | 0.31       | 19.63   | ppb   |
| Molybdenum | 98-1  | 0.31     | 0.27     | 0.28     | 0.29       | 7.01    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 16.58    | 16.62    | 16.03    | 16.41      | 2.03    | ppb   |
| Phosphorus | 31-2  | 104.87   | 139.06   | 175.04   | 139.66     | 25.13   | ppb   |
| Potassium  | 39-2  | 287.70   | 290.91   | 282.77   | 287.12     | 1.43    | ppb   |
| Rhodium    | 103-1 |          |          |          | 106        |         | %     |
| Rhodium    | 103-2 |          |          |          | 105        |         | %     |
| Scandium   | 45-1  |          |          |          | 112        |         | %     |
| Scandium   | 45-2  |          |          |          | 109        |         | %     |
| Selenium   | 77-2  | 12.69    | 12.48    | 9.30     | 11.49      | 16.55   | ppb   |
| Selenium   | 78-2  | 4.04     | 3.11     | 2.44     | 3.20       | 25.14   | ppb   |
| Selenium   | 82-1  | 0.98     | 1.15     | 1.00     | 1.04       | 9.08    | ppb   |
| Silicon    | 28-1  | 5196.74  | 5020.23  | 5020.02  | 5079.00    | 2.01    | ppb   |
| Silver     | 109-1 | 0.05     | 0.05     | 0.07     | 0.06       | 16.83   | ppb   |
| Silver     | 107-1 | 0.07     | 0.09     | 0.07     | 0.08       | 13.14   | ppb   |
| Sodium     | 23-2  | 407.63   | 399.95   | 409.11   | 405.56     | 1.21    | ppb   |
| Strontium  | 86-1  | 9.72     | 9.20     | 9.38     | 9.43       | 2.79    | ppb   |
| Strontium  | 88-1  | 9.69     | 9.32     | 9.49     | 9.50       | 1.93    | ppb   |
| Sulfur     | 34-1  | -1784.04 | -2019.44 | -2153.98 | -1985.82   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 110        |         | %     |
| Terbium    | 159-2 |          |          |          | 108        |         | %     |
| Thallium   | 203-1 | 0.14     | 0.16     | 0.14     | 0.15       | 9.89    | ppb   |
| Thallium   | 205-1 | 0.15     | 0.16     | 0.16     | 0.15       | 1.67    | ppb   |
| Thorium    | 232-1 | 7.36     | 7.03     | 7.25     | 7.22       | 2.29    | ppb   |
| Tin        | 118-1 | 0.06     | 0.08     | 0.05     | 0.06       | 27.57   | ppb   |
| Titanium   | 47-1  | 183.67   | 178.25   | 178.97   | 180.30     | 1.63    | ppb   |
| Uranium    | 238-1 | 3.16     | 3.02     | 3.10     | 3.09       | 2.15    | ppb   |
| Vanadium   | 51-2  | 77.95    | 77.64    | 77.32    | 77.64      | 0.40    | ppb   |
| Yttrium    | 89-1  |          |          |          | 114        |         | %     |
| Yttrium    | 89-2  |          |          |          | 113        |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2944-06DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-6(4.5-5)DL     | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 16:57:14 | DataFile Name :   | 070SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 45.15   | 44.52   | 44.56   | 44.74      | 0.79    | ppb   |
| Zirconium | 90-1 | 8.61    | 8.47    | 8.46    | 8.51       | 0.99    | ppb   |
| Zirconium | 91-1 | 9.07    | 8.28    | 8.72    | 8.69       | 4.59    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2966-01DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-13(9.5-10)DL   | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 17:00:49 | DataFile Name :   | 071SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 15605.16 | 15138.21 | 15130.15 | 15291.17   | 1.78    | ppb   |
| Antimony   | 121-1 | 0.11     | 0.10     | 0.12     | 0.11       | 8.98    | ppb   |
| Arsenic    | 75-2  | 7.98     | 7.79     | 7.63     | 7.80       | 2.24    | ppb   |
| Barium     | 135-1 | 95.60    | 95.04    | 96.51    | 95.72      | 0.77    | ppb   |
| Barium     | 137-1 | 96.16    | 94.51    | 97.01    | 95.89      | 1.33    | ppb   |
| Beryllium  | 9-1   | 1.04     | 1.05     | 1.08     | 1.06       | 1.61    | ppb   |
| Bismuth    | 209-1 |          |          |          | 107        |         | %     |
| Bismuth    | 209-2 |          |          |          | 102        |         | %     |
| Boron      | 10-1  | 5.29     | 4.73     | 5.41     | 5.15       | 7.09    | ppb   |
| Boron      | 11-1  | 5.62     | 5.53     | 5.67     | 5.61       | 1.24    | ppb   |
| Cadmium    | 111-1 | 0.82     | 0.78     | 0.93     | 0.84       | 9.33    | ppb   |
| Cadmium    | 106-1 | 1.92     | 1.59     | 3.26     | 2.26       | 39.06   | ppb   |
| Cadmium    | 108-1 | 1.57     | 1.91     | 1.76     | 1.75       | 9.62    | ppb   |
| Calcium    | 43-1  | 1572.87  | 1520.47  | 1566.60  | 1553.31    | 1.84    | ppb   |
| Calcium    | 44-1  | 1568.32  | 1552.49  | 1585.76  | 1568.85    | 1.06    | ppb   |
| Chromium   | 52-2  | 30.92    | 30.50    | 30.24    | 30.55      | 1.14    | ppb   |
| Cobalt     | 59-2  | 15.67    | 15.18    | 15.20    | 15.35      | 1.83    | ppb   |
| Copper     | 63-2  | 53.10    | 51.03    | 50.98    | 51.70      | 2.34    | 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 |          |          |          | 109        |         | %     |
| Indium     | 115-1 |          |          |          | 108        |         | %     |
| Indium     | 115-2 |          |          |          | 108        |         | %     |
| Iron       | 56-2  | 35756.31 | 34953.33 | 35069.06 | 35259.57   | 1.23    | ppb   |
| Iron       | 57-2  | 34243.85 | 33442.33 | 33713.96 | 33800.05   | 1.21    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 33.81    | 32.70    | 33.51    | 33.34      | 1.71    | ppb   |
| Lead       | 207-1 | 30.72    | 29.72    | 30.68    | 30.37      | 1.86    | ppb   |
| Lead       | 208-1 | 31.99    | 31.18    | 31.86    | 31.68      | 1.37    | ppb   |
| Lithium    | 6-1   |          |          |          | 106        |         | %     |
| Magnesium  | 24-2  | 9339.31  | 9002.84  | 9023.91  | 9122.02    | 2.07    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2966-01DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-13(9.5-10)DL   | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 17:00:49 | DataFile Name :   | 071SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 269.92   | 264.67   | 263.08   | 265.89     | 1.35    | ppb   |
| Molybdenum | 94-1  | 13.98    | 14.13    | 13.90    | 14.00      | 0.81    | ppb   |
| Molybdenum | 95-1  | 1.10     | 1.06     | 0.95     | 1.04       | 7.12    | ppb   |
| Molybdenum | 96-1  | 2.87     | 2.79     | 2.92     | 2.86       | 2.29    | ppb   |
| Molybdenum | 97-1  | 1.13     | 1.09     | 1.05     | 1.09       | 3.79    | ppb   |
| Molybdenum | 98-1  | 0.98     | 1.04     | 1.07     | 1.03       | 4.71    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 50.91    | 49.29    | 49.56    | 49.92      | 1.74    | ppb   |
| Phosphorus | 31-2  | 1252.41  | 1155.49  | 1219.05  | 1208.99    | 4.07    | ppb   |
| Potassium  | 39-2  | 1174.13  | 1127.01  | 1139.60  | 1146.91    | 2.13    | ppb   |
| Rhodium    | 103-1 |          |          |          | 107        |         | %     |
| Rhodium    | 103-2 |          |          |          | 106        |         | %     |
| Scandium   | 45-1  |          |          |          | 110        |         | %     |
| Scandium   | 45-2  |          |          |          | 109        |         | %     |
| Selenium   | 77-2  | 6.96     | 12.61    | 10.67    | 10.08      | 28.48   | ppb   |
| Selenium   | 78-2  | 2.24     | 2.07     | 1.87     | 2.06       | 9.11    | ppb   |
| Selenium   | 82-1  | 0.57     | 1.01     | 0.68     | 0.75       | 30.08   | ppb   |
| Silicon    | 28-1  | 2988.39  | 2954.37  | 3005.48  | 2982.75    | 0.87    | ppb   |
| Silver     | 109-1 | 0.74     | 0.76     | 0.75     | 0.75       | 1.72    | ppb   |
| Silver     | 107-1 | 0.76     | 0.71     | 0.75     | 0.74       | 3.62    | ppb   |
| Sodium     | 23-2  | 103.43   | 100.06   | 99.94    | 101.14     | 1.96    | ppb   |
| Strontium  | 86-1  | 10.13    | 10.29    | 10.52    | 10.31      | 1.92    | ppb   |
| Strontium  | 88-1  | 10.27    | 10.25    | 10.35    | 10.29      | 0.53    | ppb   |
| Sulfur     | 34-1  | -2048.91 | -2206.12 | -2163.59 | -2139.54   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 109        |         | %     |
| Terbium    | 159-2 |          |          |          | 109        |         | %     |
| Thallium   | 203-1 | 0.18     | 0.18     | 0.18     | 0.18       | 0.85    | ppb   |
| Thallium   | 205-1 | 0.18     | 0.17     | 0.18     | 0.18       | 1.71    | ppb   |
| Thorium    | 232-1 | 5.83     | 5.67     | 5.89     | 5.80       | 1.97    | ppb   |
| Tin        | 118-1 | 0.91     | 0.89     | 0.90     | 0.90       | 0.71    | ppb   |
| Titanium   | 47-1  | 69.75    | 65.81    | 68.54    | 68.03      | 2.97    | ppb   |
| Uranium    | 238-1 | 0.66     | 0.64     | 0.68     | 0.66       | 3.40    | ppb   |
| Vanadium   | 51-2  | 23.81    | 23.33    | 23.21    | 23.45      | 1.35    | ppb   |
| Yttrium    | 89-1  |          |          |          | 116        |         | %     |
| Yttrium    | 89-2  |          |          |          | 115        |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2966-01DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-13(9.5-10)DL   | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 17:00:49 | DataFile Name :   | 071SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 254.23  | 249.67  | 248.32  | 250.74     | 1.24    | ppb   |
| Zirconium | 90-1 | 8.69    | 8.43    | 8.62    | 8.58       | 1.56    | ppb   |
| Zirconium | 91-1 | 8.64    | 8.66    | 8.54    | 8.61       | 0.77    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2966-02DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-14(4.5-5)DL    | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 17:04:26 | DataFile Name :   | 072SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 13933.45 | 14074.51 | 14075.06 | 14027.67   | 0.58    | ppb   |
| Antimony   | 121-1 | 0.01     | 0.03     | 0.04     | 0.03       | 55.76   | ppb   |
| Arsenic    | 75-2  | 2.36     | 2.31     | 2.35     | 2.34       | 1.15    | ppb   |
| Barium     | 135-1 | 181.09   | 181.84   | 181.02   | 181.32     | 0.25    | ppb   |
| Barium     | 137-1 | 182.48   | 180.96   | 181.25   | 181.56     | 0.45    | ppb   |
| Beryllium  | 9-1   | 0.60     | 0.69     | 0.63     | 0.64       | 7.00    | ppb   |
| Bismuth    | 209-1 |          |          |          | 107        |         | %     |
| Bismuth    | 209-2 |          |          |          | 101        |         | %     |
| Boron      | 10-1  | 4.20     | 3.92     | 4.21     | 4.11       | 3.98    | ppb   |
| Boron      | 11-1  | 4.20     | 4.43     | 4.25     | 4.30       | 2.86    | ppb   |
| Cadmium    | 111-1 | 0.13     | 0.12     | 0.03     | 0.09       | 55.56   | ppb   |
| Cadmium    | 106-1 | 0.97     | 1.01     | -0.44    | 0.51       | 161.87  | ppb   |
| Cadmium    | 108-1 | 0.97     | 1.01     | 1.00     | 0.99       | 2.11    | ppb   |
| Calcium    | 43-1  | 522.24   | 532.32   | 500.01   | 518.19     | 3.19    | ppb   |
| Calcium    | 44-1  | 537.51   | 539.71   | 535.59   | 537.60     | 0.38    | ppb   |
| Chromium   | 52-2  | 43.16    | 44.25    | 44.29    | 43.90      | 1.47    | ppb   |
| Cobalt     | 59-2  | 7.42     | 7.42     | 7.49     | 7.44       | 0.48    | ppb   |
| Copper     | 63-2  | 12.85    | 12.87    | 12.70    | 12.81      | 0.72    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 109        |         | %     |
| Holmium    | 165-2 |          |          |          | 108        |         | %     |
| Indium     | 115-1 |          |          |          | 109        |         | %     |
| Indium     | 115-2 |          |          |          | 107        |         | %     |
| Iron       | 56-2  | 23458.41 | 23666.20 | 23624.41 | 23583.00   | 0.47    | ppb   |
| Iron       | 57-2  | 22409.18 | 22640.94 | 22770.72 | 22606.94   | 0.81    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 13.92    | 13.74    | 13.76    | 13.81      | 0.71    | ppb   |
| Lead       | 207-1 | 12.59    | 12.39    | 12.41    | 12.46      | 0.91    | ppb   |
| Lead       | 208-1 | 13.16    | 12.96    | 13.07    | 13.07      | 0.78    | ppb   |
| Lithium    | 6-1   |          |          |          | 106        |         | %     |
| Magnesium  | 24-2  | 3362.16  | 3388.22  | 3405.52  | 3385.30    | 0.64    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2966-02DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-14(4.5-5)DL    | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 17:04:26 | DataFile Name :   | 072SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 87.23    | 88.28    | 86.97    | 87.50      | 0.79    | ppb   |
| Molybdenum | 94-1  | 12.55    | 12.11    | 12.61    | 12.42      | 2.20    | ppb   |
| Molybdenum | 95-1  | 0.22     | 0.22     | 0.20     | 0.21       | 6.06    | ppb   |
| Molybdenum | 96-1  | 1.73     | 1.77     | 1.84     | 1.78       | 3.05    | ppb   |
| Molybdenum | 97-1  | 0.17     | 0.22     | 0.15     | 0.18       | 21.70   | ppb   |
| Molybdenum | 98-1  | 0.17     | 0.16     | 0.20     | 0.18       | 13.43   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 17.07    | 16.66    | 16.53    | 16.75      | 1.67    | ppb   |
| Phosphorus | 31-2  | 109.81   | 79.51    | 113.26   | 100.86     | 18.41   | ppb   |
| Potassium  | 39-2  | 258.39   | 264.67   | 267.32   | 263.46     | 1.74    | ppb   |
| Rhodium    | 103-1 |          |          |          | 108        |         | %     |
| Rhodium    | 103-2 |          |          |          | 106        |         | %     |
| Scandium   | 45-1  |          |          |          | 112        |         | %     |
| Scandium   | 45-2  |          |          |          | 110        |         | %     |
| Selenium   | 77-2  | 10.40    | 16.24    | 11.60    | 12.75      | 24.18   | ppb   |
| Selenium   | 78-2  | 2.67     | 1.80     | 1.92     | 2.13       | 22.13   | ppb   |
| Selenium   | 82-1  | 1.29     | 1.10     | 1.20     | 1.20       | 8.02    | ppb   |
| Silicon    | 28-1  | 3993.07  | 4023.04  | 3992.29  | 4002.80    | 0.44    | ppb   |
| Silver     | 109-1 | 0.04     | 0.04     | 0.04     | 0.04       | 7.52    | ppb   |
| Silver     | 107-1 | 0.04     | 0.04     | 0.04     | 0.04       | 7.83    | ppb   |
| Sodium     | 23-2  | 141.97   | 140.17   | 146.84   | 142.99     | 2.41    | ppb   |
| Strontium  | 86-1  | 6.46     | 6.32     | 6.12     | 6.30       | 2.74    | ppb   |
| Strontium  | 88-1  | 6.29     | 6.32     | 6.32     | 6.31       | 0.29    | ppb   |
| Sulfur     | 34-1  | -2395.98 | -2421.51 | -2477.60 | -2431.70   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 110        |         | %     |
| Terbium    | 159-2 |          |          |          | 109        |         | %     |
| Thallium   | 203-1 | 0.16     | 0.15     | 0.12     | 0.14       | 14.22   | ppb   |
| Thallium   | 205-1 | 0.15     | 0.15     | 0.14     | 0.15       | 5.37    | ppb   |
| Thorium    | 232-1 | 7.40     | 7.32     | 7.26     | 7.33       | 0.98    | ppb   |
| Tin        | 118-1 | 0.06     | 0.08     | 0.06     | 0.07       | 15.17   | ppb   |
| Titanium   | 47-1  | 119.43   | 118.93   | 116.56   | 118.31     | 1.30    | ppb   |
| Uranium    | 238-1 | 2.88     | 2.90     | 2.82     | 2.87       | 1.51    | ppb   |
| Vanadium   | 51-2  | 50.99    | 51.33    | 51.28    | 51.20      | 0.36    | ppb   |
| Yttrium    | 89-1  |          |          |          | 115        |         | %     |
| Yttrium    | 89-2  |          |          |          | 114        |         | %     |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2966-02DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-14(4.5-5)DL    | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 17:04:26 | DataFile Name :   | 072SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 48.46   | 51.10   | 50.91   | 50.16      | 2.93    | ppb   |
| Zirconium | 90-1 | 7.62    | 7.73    | 7.73    | 7.69       | 0.85    | ppb   |
| Zirconium | 91-1 | 7.77    | 7.99    | 7.88    | 7.88       | 1.38    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2966-03DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-15(1.2-1.7)DL  | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 17:08:02 | DataFile Name :   | 073SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 18050.72 | 17964.37 | 18033.71 | 18016.27   | 0.25    | ppb   |
| Antimony   | 121-1 | 0.01     | 0.02     | 0.01     | 0.01       | 28.99   | ppb   |
| Arsenic    | 75-2  | 1.76     | 1.95     | 1.82     | 1.84       | 5.15    | ppb   |
| Barium     | 135-1 | 495.52   | 520.24   | 514.49   | 510.08     | 2.54    | ppb   |
| Barium     | 137-1 | 494.88   | 519.61   | 514.94   | 509.81     | 2.58    | ppb   |
| Beryllium  | 9-1   | 1.28     | 1.34     | 1.36     | 1.33       | 3.01    | ppb   |
| Bismuth    | 209-1 |          |          |          | 109        |         | %     |
| Bismuth    | 209-2 |          |          |          | 102        |         | %     |
| Boron      | 10-1  | 2.61     | 3.24     | 2.63     | 2.83       | 12.64   | ppb   |
| Boron      | 11-1  | 2.78     | 3.17     | 2.93     | 2.96       | 6.75    | ppb   |
| Cadmium    | 111-1 | 0.01     | -0.01    | 0.03     | 0.01       | 206.02  | ppb   |
| Cadmium    | 106-1 | 0.46     | 0.50     | 0.57     | 0.51       | 11.72   | ppb   |
| Cadmium    | 108-1 | 0.69     | 1.03     | 0.61     | 0.78       | 29.13   | ppb   |
| Calcium    | 43-1  | 2582.53  | 2734.10  | 2705.98  | 2674.20    | 3.02    | ppb   |
| Calcium    | 44-1  | 2592.87  | 2702.86  | 2718.36  | 2671.36    | 2.56    | ppb   |
| Chromium   | 52-2  | 41.82    | 41.21    | 41.82    | 41.62      | 0.84    | ppb   |
| Cobalt     | 59-2  | 4.82     | 4.70     | 4.82     | 4.78       | 1.45    | ppb   |
| Copper     | 63-2  | 4.90     | 4.93     | 4.99     | 4.94       | 0.86    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 112        |         | %     |
| Holmium    | 165-2 |          |          |          | 108        |         | %     |
| Indium     | 115-1 |          |          |          | 111        |         | %     |
| Indium     | 115-2 |          |          |          | 107        |         | %     |
| Iron       | 56-2  | 13112.12 | 13060.79 | 13143.65 | 13105.52   | 0.32    | ppb   |
| Iron       | 57-2  | 12631.78 | 12409.81 | 12615.39 | 12552.32   | 0.99    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 12.38    | 13.21    | 13.09    | 12.89      | 3.48    | ppb   |
| Lead       | 207-1 | 11.13    | 11.84    | 11.82    | 11.60      | 3.47    | ppb   |
| Lead       | 208-1 | 11.83    | 12.51    | 12.43    | 12.26      | 3.05    | ppb   |
| Lithium    | 6-1   |          |          |          | 107        |         | %     |
| Magnesium  | 24-2  | 2699.66  | 2656.68  | 2661.33  | 2672.56    | 0.88    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2966-03DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-15(1.2-1.7)DL  | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 17:08:02 | DataFile Name :   | 073SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 93.60    | 92.47    | 93.45    | 93.17      | 0.66    | ppb   |
| Molybdenum | 94-1  | 8.41     | 8.90     | 8.73     | 8.68       | 2.90    | ppb   |
| Molybdenum | 95-1  | 0.15     | 0.10     | 0.12     | 0.12       | 17.09   | ppb   |
| Molybdenum | 96-1  | 1.18     | 1.25     | 1.29     | 1.24       | 4.42    | ppb   |
| Molybdenum | 97-1  | 0.13     | 0.10     | 0.14     | 0.12       | 14.42   | ppb   |
| Molybdenum | 98-1  | 0.12     | 0.12     | 0.13     | 0.12       | 4.62    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 14.50    | 14.11    | 14.33    | 14.31      | 1.37    | ppb   |
| Phosphorus | 31-2  | 15.36    | 35.34    | 20.69    | 23.80      | 43.46   | ppb   |
| Potassium  | 39-2  | 357.41   | 355.27   | 364.44   | 359.04     | 1.34    | ppb   |
| Rhodium    | 103-1 |          |          |          | 110        |         | %     |
| Rhodium    | 103-2 |          |          |          | 106        |         | %     |
| Scandium   | 45-1  |          |          |          | 115        |         | %     |
| Scandium   | 45-2  |          |          |          | 111        |         | %     |
| Selenium   | 77-2  | 16.04    | 13.56    | 16.57    | 15.39      | 10.45   | ppb   |
| Selenium   | 78-2  | 2.59     | 3.80     | 3.74     | 3.38       | 20.29   | ppb   |
| Selenium   | 82-1  | 1.22     | 0.97     | 1.14     | 1.11       | 11.13   | ppb   |
| Silicon    | 28-1  | 4439.16  | 4682.53  | 4639.46  | 4587.05    | 2.83    | ppb   |
| Silver     | 109-1 | 0.05     | 0.04     | 0.06     | 0.05       | 18.67   | ppb   |
| Silver     | 107-1 | 0.04     | 0.05     | 0.05     | 0.05       | 12.29   | ppb   |
| Sodium     | 23-2  | 185.21   | 180.86   | 181.67   | 182.58     | 1.27    | ppb   |
| Strontium  | 86-1  | 18.09    | 18.87    | 18.53    | 18.49      | 2.13    | ppb   |
| Strontium  | 88-1  | 18.02    | 18.83    | 18.62    | 18.49      | 2.27    | ppb   |
| Sulfur     | 34-1  | -2758.68 | -2628.94 | -2641.85 | -2676.49   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 112        |         | %     |
| Terbium    | 159-2 |          |          |          | 109        |         | %     |
| Thallium   | 203-1 | 0.10     | 0.11     | 0.08     | 0.10       | 13.13   | ppb   |
| Thallium   | 205-1 | 0.10     | 0.10     | 0.09     | 0.10       | 3.21    | ppb   |
| Thorium    | 232-1 | 7.35     | 7.71     | 7.67     | 7.58       | 2.56    | ppb   |
| Tin        | 118-1 | 0.04     | 0.02     | 0.05     | 0.04       | 37.39   | ppb   |
| Titanium   | 47-1  | 27.83    | 29.74    | 30.38    | 29.32      | 4.52    | ppb   |
| Uranium    | 238-1 | 2.64     | 2.74     | 2.78     | 2.72       | 2.57    | ppb   |
| Vanadium   | 51-2  | 31.30    | 30.97    | 31.31    | 31.19      | 0.63    | ppb   |
| Yttrium    | 89-1  |          |          |          | 121        |         | %     |
| Yttrium    | 89-2  |          |          |          | 118        |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2966-03DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-15(1.2-1.7)DL  | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 17:08:02 | DataFile Name :   | 073SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 36.39   | 37.07   | 36.38   | 36.61      | 1.09    | ppb   |
| Zirconium | 90-1 | 5.22    | 5.53    | 5.55    | 5.43       | 3.44    | ppb   |
| Zirconium | 91-1 | 5.51    | 5.55    | 5.95    | 5.67       | 4.33    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2966-04DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-16(2.4-2.9)DL  | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 17:11:39 | DataFile Name :   | 074SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 20583.90 | 20571.85 | 20615.55 | 20590.43   | 0.11    | ppb   |
| Antimony   | 121-1 | 0.01     | 0.00     | 0.01     | 0.01       | 99.46   | ppb   |
| Arsenic    | 75-2  | 5.15     | 4.97     | 5.12     | 5.08       | 1.98    | ppb   |
| Barium     | 135-1 | 155.51   | 150.30   | 152.43   | 152.75     | 1.72    | ppb   |
| Barium     | 137-1 | 155.07   | 152.69   | 152.37   | 153.37     | 0.96    | ppb   |
| Beryllium  | 9-1   | 0.84     | 0.79     | 0.80     | 0.81       | 2.83    | ppb   |
| Bismuth    | 209-1 |          |          |          | 106        |         | %     |
| Bismuth    | 209-2 |          |          |          | 100        |         | %     |
| Boron      | 10-1  | 2.47     | 2.71     | 2.80     | 2.66       | 6.30    | ppb   |
| Boron      | 11-1  | 2.38     | 2.42     | 2.59     | 2.46       | 4.62    | ppb   |
| Cadmium    | 111-1 | -0.04    | 0.00     | -0.03    | -0.02      |         | ppb   |
| Cadmium    | 106-1 | 0.09     | 0.48     | 0.14     | 0.24       | 87.83   | ppb   |
| Cadmium    | 108-1 | 1.15     | 1.17     | 1.00     | 1.11       | 8.37    | ppb   |
| Calcium    | 43-1  | 2129.85  | 2067.12  | 2054.75  | 2083.90    | 1.93    | ppb   |
| Calcium    | 44-1  | 2115.10  | 2079.34  | 2092.66  | 2095.70    | 0.86    | ppb   |
| Chromium   | 52-2  | 53.16    | 52.71    | 52.51    | 52.79      | 0.63    | ppb   |
| Cobalt     | 59-2  | 10.15    | 9.89     | 9.97     | 10.01      | 1.33    | ppb   |
| Copper     | 63-2  | 11.57    | 11.44    | 11.37    | 11.46      | 0.89    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 108        |         | %     |
| Holmium    | 165-2 |          |          |          | 107        |         | %     |
| Indium     | 115-1 |          |          |          | 107        |         | %     |
| Indium     | 115-2 |          |          |          | 106        |         | %     |
| Iron       | 56-2  | 51109.70 | 51330.43 | 50682.93 | 51041.02   | 0.64    | ppb   |
| Iron       | 57-2  | 49124.44 | 49271.36 | 48554.99 | 48983.60   | 0.77    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 16.92    | 16.94    | 16.79    | 16.89      | 0.49    | ppb   |
| Lead       | 207-1 | 15.25    | 15.34    | 15.09    | 15.23      | 0.84    | ppb   |
| Lead       | 208-1 | 16.04    | 16.07    | 15.94    | 16.02      | 0.44    | ppb   |
| Lithium    | 6-1   |          |          |          | 104        |         | %     |
| Magnesium  | 24-2  | 4705.06  | 4695.83  | 4648.98  | 4683.29    | 0.64    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2966-04DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-16(2.4-2.9)DL  | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 17:11:39 | DataFile Name :   | 074SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 68.66    | 69.01    | 67.66    | 68.44      | 1.02    | ppb   |
| Molybdenum | 94-1  | 15.55    | 15.61    | 15.83    | 15.66      | 0.92    | ppb   |
| Molybdenum | 95-1  | 0.23     | 0.27     | 0.21     | 0.24       | 14.14   | ppb   |
| Molybdenum | 96-1  | 2.31     | 2.27     | 2.37     | 2.32       | 2.26    | ppb   |
| Molybdenum | 97-1  | 0.25     | 0.22     | 0.18     | 0.22       | 14.04   | ppb   |
| Molybdenum | 98-1  | 0.25     | 0.27     | 0.24     | 0.26       | 6.53    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 17.79    | 17.47    | 17.05    | 17.43      | 2.14    | ppb   |
| Phosphorus | 31-2  | 33.56    | 74.64    | 64.55    | 57.58      | 37.18   | ppb   |
| Potassium  | 39-2  | 232.57   | 225.82   | 231.66   | 230.02     | 1.59    | ppb   |
| Rhodium    | 103-1 |          |          |          | 106        |         | %     |
| Rhodium    | 103-2 |          |          |          | 104        |         | %     |
| Scandium   | 45-1  |          |          |          | 111        |         | %     |
| Scandium   | 45-2  |          |          |          | 110        |         | %     |
| Selenium   | 77-2  | 17.02    | 14.63    | 12.00    | 14.55      | 17.24   | ppb   |
| Selenium   | 78-2  | 2.18     | 2.73     | 3.39     | 2.77       | 21.94   | ppb   |
| Selenium   | 82-1  | 1.18     | 1.06     | 0.99     | 1.08       | 8.56    | ppb   |
| Silicon    | 28-1  | 4036.45  | 4015.15  | 4048.41  | 4033.33    | 0.42    | ppb   |
| Silver     | 109-1 | 0.02     | 0.03     | 0.02     | 0.02       | 9.77    | ppb   |
| Silver     | 107-1 | 0.03     | 0.03     | 0.04     | 0.03       | 14.11   | ppb   |
| Sodium     | 23-2  | 246.84   | 247.17   | 241.19   | 245.07     | 1.37    | ppb   |
| Strontium  | 86-1  | 12.21    | 12.01    | 12.18    | 12.13      | 0.87    | ppb   |
| Strontium  | 88-1  | 12.25    | 12.23    | 12.09    | 12.19      | 0.74    | ppb   |
| Sulfur     | 34-1  | -2816.68 | -2812.83 | -2786.95 | -2805.49   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 108        |         | %     |
| Terbium    | 159-2 |          |          |          | 108        |         | %     |
| Thallium   | 203-1 | 0.15     | 0.16     | 0.14     | 0.15       | 7.13    | ppb   |
| Thallium   | 205-1 | 0.16     | 0.17     | 0.16     | 0.17       | 2.93    | ppb   |
| Thorium    | 232-1 | 8.51     | 8.49     | 8.47     | 8.49       | 0.24    | ppb   |
| Tin        | 118-1 | 0.04     | 0.07     | 0.04     | 0.05       | 34.94   | ppb   |
| Titanium   | 47-1  | 60.87    | 60.91    | 64.14    | 61.98      | 3.02    | ppb   |
| Uranium    | 238-1 | 3.18     | 3.18     | 3.16     | 3.17       | 0.26    | ppb   |
| Vanadium   | 51-2  | 87.77    | 88.72    | 88.35    | 88.28      | 0.54    | ppb   |
| Yttrium    | 89-1  |          |          |          | 115        |         | %     |
| Yttrium    | 89-2  |          |          |          | 114        |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2966-04DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-16(2.4-2.9)DL  | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 17:11:39 | DataFile Name :   | 074SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 39.25   | 39.36   | 38.77   | 39.13      | 0.80    | ppb   |
| Zirconium | 90-1 | 9.78    | 9.78    | 9.75    | 9.77       | 0.17    | ppb   |
| Zirconium | 91-1 | 9.67    | 9.70    | 9.91    | 9.76       | 1.35    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2966-05DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-17(1.9-2.4)DL  | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 17:15:16 | DataFile Name :   | 075SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 26445.86 | 26492.77 | 26070.30 | 26336.31   | 0.88    | ppb   |
| Antimony   | 121-1 | 0.01     | 0.03     | 0.03     | 0.02       | 56.36   | ppb   |
| Arsenic    | 75-2  | 3.75     | 3.62     | 3.64     | 3.67       | 1.95    | ppb   |
| Barium     | 135-1 | 426.98   | 422.46   | 421.37   | 423.60     | 0.70    | ppb   |
| Barium     | 137-1 | 424.81   | 419.26   | 421.09   | 421.72     | 0.67    | ppb   |
| Beryllium  | 9-1   | 1.98     | 2.06     | 1.95     | 2.00       | 2.73    | ppb   |
| Bismuth    | 209-1 |          |          |          | 104        |         | %     |
| Bismuth    | 209-2 |          |          |          | 98         |         | %     |
| Boron      | 10-1  | 3.91     | 3.60     | 4.05     | 3.85       | 5.96    | ppb   |
| Boron      | 11-1  | 3.77     | 3.94     | 3.81     | 3.84       | 2.25    | ppb   |
| Cadmium    | 111-1 | 0.18     | 0.21     | 0.18     | 0.19       | 10.62   | ppb   |
| Cadmium    | 106-1 | 2.27     | 2.53     | 2.19     | 2.33       | 7.76    | ppb   |
| Cadmium    | 108-1 | 1.53     | 1.78     | 1.49     | 1.60       | 9.90    | ppb   |
| Calcium    | 43-1  | 3095.00  | 3120.97  | 3144.48  | 3120.15    | 0.79    | ppb   |
| Calcium    | 44-1  | 3127.89  | 3128.34  | 3157.14  | 3137.79    | 0.53    | ppb   |
| Chromium   | 52-2  | 74.88    | 75.13    | 74.09    | 74.70      | 0.72    | ppb   |
| Cobalt     | 59-2  | 13.72    | 13.75    | 13.59    | 13.69      | 0.61    | ppb   |
| Copper     | 63-2  | 28.65    | 28.55    | 28.99    | 28.73      | 0.80    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 107        |         | %     |
| Holmium    | 165-2 |          |          |          | 105        |         | %     |
| Indium     | 115-1 |          |          |          | 105        |         | %     |
| Indium     | 115-2 |          |          |          | 102        |         | %     |
| Iron       | 56-2  | 41727.18 | 41792.54 | 41387.34 | 41635.69   | 0.52    | ppb   |
| Iron       | 57-2  | 39787.75 | 39923.67 | 39741.26 | 39817.56   | 0.24    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 29.24    | 29.30    | 29.22    | 29.25      | 0.15    | ppb   |
| Lead       | 207-1 | 26.46    | 26.27    | 26.85    | 26.53      | 1.11    | ppb   |
| Lead       | 208-1 | 27.85    | 27.69    | 27.87    | 27.80      | 0.36    | ppb   |
| Lithium    | 6-1   |          |          |          | 101        |         | %     |
| Magnesium  | 24-2  | 4143.12  | 4168.50  | 4139.46  | 4150.36    | 0.38    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2966-05DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-17(1.9-2.4)DL  | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 17:15:16 | DataFile Name :   | 075SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 108.72   | 109.35   | 108.43   | 108.83     | 0.43    | ppb   |
| Molybdenum | 94-1  | 18.64    | 19.08    | 19.04    | 18.92      | 1.28    | ppb   |
| Molybdenum | 95-1  | 0.22     | 0.20     | 0.25     | 0.23       | 11.95   | ppb   |
| Molybdenum | 96-1  | 2.68     | 2.51     | 2.64     | 2.61       | 3.45    | ppb   |
| Molybdenum | 97-1  | 0.20     | 0.26     | 0.17     | 0.21       | 22.39   | ppb   |
| Molybdenum | 98-1  | 0.18     | 0.17     | 0.21     | 0.19       | 10.50   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 25.82    | 24.99    | 24.68    | 25.16      | 2.35    | ppb   |
| Phosphorus | 31-2  | 228.61   | 227.21   | 158.43   | 204.75     | 19.59   | ppb   |
| Potassium  | 39-2  | 312.95   | 323.18   | 326.77   | 320.97     | 2.23    | ppb   |
| Rhodium    | 103-1 |          |          |          | 103        |         | %     |
| Rhodium    | 103-2 |          |          |          | 101        |         | %     |
| Scandium   | 45-1  |          |          |          | 109        |         | %     |
| Scandium   | 45-2  |          |          |          | 107        |         | %     |
| Selenium   | 77-2  | 20.59    | 12.46    | 19.44    | 17.50      | 25.13   | ppb   |
| Selenium   | 78-2  | 3.37     | 4.44     | 4.19     | 4.00       | 13.92   | ppb   |
| Selenium   | 82-1  | 1.56     | 1.87     | 1.78     | 1.74       | 9.18    | ppb   |
| Silicon    | 28-1  | 4623.06  | 4632.68  | 4646.66  | 4634.13    | 0.26    | ppb   |
| Silver     | 109-1 | 0.07     | 0.08     | 0.08     | 0.07       | 4.07    | ppb   |
| Silver     | 107-1 | 0.10     | 0.10     | 0.09     | 0.10       | 3.93    | ppb   |
| Sodium     | 23-2  | 204.60   | 201.01   | 201.51   | 202.38     | 0.96    | ppb   |
| Strontium  | 86-1  | 18.31    | 18.19    | 18.29    | 18.26      | 0.37    | ppb   |
| Strontium  | 88-1  | 18.39    | 18.49    | 18.36    | 18.41      | 0.38    | ppb   |
| Sulfur     | 34-1  | -2841.13 | -2716.66 | -2731.67 | -2763.15   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 107        |         | %     |
| Terbium    | 159-2 |          |          |          | 105        |         | %     |
| Thallium   | 203-1 | 0.27     | 0.26     | 0.22     | 0.25       | 9.55    | ppb   |
| Thallium   | 205-1 | 0.27     | 0.26     | 0.27     | 0.27       | 2.54    | ppb   |
| Thorium    | 232-1 | 9.34     | 9.23     | 9.32     | 9.30       | 0.63    | ppb   |
| Tin        | 118-1 | 0.07     | 0.05     | 0.05     | 0.05       | 17.87   | ppb   |
| Titanium   | 47-1  | 78.80    | 81.46    | 79.96    | 80.07      | 1.67    | ppb   |
| Uranium    | 238-1 | 4.20     | 4.04     | 4.08     | 4.11       | 2.03    | ppb   |
| Vanadium   | 51-2  | 152.59   | 152.60   | 152.85   | 152.68     | 0.10    | ppb   |
| Yttrium    | 89-1  |          |          |          | 118        |         | %     |
| Yttrium    | 89-2  |          |          |          | 116        |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2966-05DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-17(1.9-2.4)DL  | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 17:15:16 | DataFile Name :   | 075SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 82.13   | 82.35   | 82.12   | 82.20      | 0.16    | ppb   |
| Zirconium | 90-1 | 11.88   | 11.92   | 11.73   | 11.84      | 0.84    | ppb   |
| Zirconium | 91-1 | 12.22   | 12.23   | 12.13   | 12.19      | 0.48    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2966-06DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-18(2.5-3.0)DL  | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 17:18:53 | DataFile Name :   | 076SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 18510.84 | 18433.78 | 20501.88 | 19148.83   | 6.12    | ppb   |
| Antimony   | 121-1 | 0.42     | 0.47     | 0.43     | 0.44       | 6.19    | ppb   |
| Arsenic    | 75-2  | 15.43    | 15.37    | 16.79    | 15.86      | 5.06    | ppb   |
| Barium     | 135-1 | 253.08   | 262.25   | 251.17   | 255.50     | 2.32    | ppb   |
| Barium     | 137-1 | 251.01   | 259.50   | 248.86   | 253.12     | 2.22    | ppb   |
| Beryllium  | 9-1   | 1.22     | 1.29     | 1.26     | 1.25       | 2.93    | ppb   |
| Bismuth    | 209-1 |          |          |          | 105        |         | %     |
| Bismuth    | 209-2 |          |          |          | 97         |         | %     |
| Boron      | 10-1  | 4.51     | 4.63     | 5.56     | 4.90       | 11.66   | ppb   |
| Boron      | 11-1  | 4.79     | 5.35     | 5.14     | 5.09       | 5.60    | ppb   |
| Cadmium    | 111-1 | 1.29     | 1.45     | 1.25     | 1.33       | 7.99    | ppb   |
| Cadmium    | 106-1 | 3.23     | 4.00     | 3.53     | 3.59       | 10.77   | ppb   |
| Cadmium    | 108-1 | 3.09     | 2.68     | 2.68     | 2.81       | 8.40    | ppb   |
| Calcium    | 43-1  | 3636.96  | 3752.36  | 3617.28  | 3668.87    | 1.99    | ppb   |
| Calcium    | 44-1  | 3668.45  | 3732.98  | 3633.63  | 3678.35    | 1.37    | ppb   |
| Chromium   | 52-2  | 105.28   | 105.01   | 117.00   | 109.10     | 6.27    | ppb   |
| Cobalt     | 59-2  | 23.74    | 24.48    | 26.85    | 25.02      | 6.49    | ppb   |
| Copper     | 63-2  | 187.41   | 189.81   | 210.58   | 195.93     | 6.50    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 106        |         | %     |
| Holmium    | 165-2 |          |          |          | 103        |         | %     |
| Indium     | 115-1 |          |          |          | 104        |         | %     |
| Indium     | 115-2 |          |          |          | 101        |         | %     |
| Iron       | 56-2  | 49114.80 | 48928.96 | 54726.15 | 50923.30   | 6.47    | ppb   |
| Iron       | 57-2  | 46602.06 | 46901.05 | 52375.69 | 48626.27   | 6.68    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 959.49   | 966.46   | 949.55   | 958.50     | 0.89    | ppb   |
| Lead       | 207-1 | 849.66   | 896.25   | 880.64   | 875.52     | 2.71    | ppb   |
| Lead       | 208-1 | 908.17   | 927.76   | 908.99   | 914.97     | 1.21    | ppb   |
| Lithium    | 6-1   |          |          |          | 101        |         | %     |
| Magnesium  | 24-2  | 6611.07  | 6548.12  | 7327.08  | 6828.76    | 6.34    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2966-06DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-18(2.5-3.0)DL  | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 17:18:53 | DataFile Name :   | 076SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 658.04   | 659.77   | 737.66   | 685.16     | 6.64    | ppb   |
| Molybdenum | 94-1  | 23.24    | 23.02    | 22.68    | 22.98      | 1.22    | ppb   |
| Molybdenum | 95-1  | 1.10     | 1.21     | 1.09     | 1.13       | 5.96    | ppb   |
| Molybdenum | 96-1  | 3.94     | 4.03     | 3.97     | 3.98       | 1.11    | ppb   |
| Molybdenum | 97-1  | 1.08     | 1.11     | 1.18     | 1.12       | 4.52    | ppb   |
| Molybdenum | 98-1  | 1.15     | 1.19     | 1.11     | 1.15       | 3.55    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 39.17    | 39.44    | 44.28    | 40.96      | 7.01    | ppb   |
| Phosphorus | 31-2  | 1257.77  | 1257.52  | 1293.42  | 1269.57    | 1.63    | ppb   |
| Potassium  | 39-2  | 671.22   | 674.63   | 766.93   | 704.26     | 7.71    | ppb   |
| Rhodium    | 103-1 |          |          |          | 102        |         | %     |
| Rhodium    | 103-2 |          |          |          | 100        |         | %     |
| Scandium   | 45-1  |          |          |          | 107        |         | %     |
| Scandium   | 45-2  |          |          |          | 104        |         | %     |
| Selenium   | 77-2  | 8.61     | 10.57    | 15.02    | 11.40      | 28.79   | ppb   |
| Selenium   | 78-2  | 3.19     | 2.81     | 2.91     | 2.97       | 6.71    | ppb   |
| Selenium   | 82-1  | 1.44     | 1.64     | 1.24     | 1.44       | 13.87   | ppb   |
| Silicon    | 28-1  | 4907.05  | 5057.00  | 4907.54  | 4957.20    | 1.74    | ppb   |
| Silver     | 109-1 | 0.70     | 0.77     | 0.82     | 0.76       | 7.53    | ppb   |
| Silver     | 107-1 | 0.84     | 0.82     | 0.84     | 0.83       | 0.99    | ppb   |
| Sodium     | 23-2  | 281.28   | 285.41   | 322.49   | 296.39     | 7.66    | ppb   |
| Strontium  | 86-1  | 23.27    | 23.81    | 22.97    | 23.35      | 1.84    | ppb   |
| Strontium  | 88-1  | 23.60    | 23.96    | 23.18    | 23.58      | 1.66    | ppb   |
| Sulfur     | 34-1  | -2329.18 | -2208.91 | -2304.17 | -2280.75   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 106        |         | %     |
| Terbium    | 159-2 |          |          |          | 103        |         | %     |
| Thallium   | 203-1 | 0.13     | 0.17     | 0.14     | 0.15       | 11.45   | ppb   |
| Thallium   | 205-1 | 0.17     | 0.17     | 0.16     | 0.17       | 4.92    | ppb   |
| Thorium    | 232-1 | 4.62     | 4.59     | 4.43     | 4.55       | 2.24    | ppb   |
| Tin        | 118-1 | 1.77     | 1.73     | 1.73     | 1.74       | 1.39    | ppb   |
| Titanium   | 47-1  | 363.78   | 376.26   | 362.82   | 367.62     | 2.04    | ppb   |
| Uranium    | 238-1 | 1.89     | 1.95     | 1.91     | 1.91       | 1.60    | ppb   |
| Vanadium   | 51-2  | 100.06   | 101.21   | 113.34   | 104.87     | 7.01    | ppb   |
| Yttrium    | 89-1  |          |          |          | 112        |         | %     |
| Yttrium    | 89-2  |          |          |          | 110        |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2966-06DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-18(2.5-3.0)DL  | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 17:18:53 | DataFile Name :   | 076SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 353.33  | 355.49  | 392.25  | 367.02     | 5.96    | ppb   |
| Zirconium | 90-1 | 13.96   | 14.33   | 13.98   | 14.09      | 1.48    | ppb   |
| Zirconium | 91-1 | 14.28   | 14.47   | 14.36   | 14.37      | 0.65    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2986-01DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-19(6.5-7)DL    | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 17:22:30 | DataFile Name :   | 077SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 29224.44 | 29253.41 | 29004.45 | 29160.77   | 0.47    | ppb   |
| Antimony   | 121-1 | 0.01     | 0.02     | 0.01     | 0.01       | 48.22   | ppb   |
| Arsenic    | 75-2  | 2.70     | 2.53     | 2.50     | 2.58       | 4.00    | ppb   |
| Barium     | 135-1 | 990.44   | 1011.77  | 1001.56  | 1001.26    | 1.07    | ppb   |
| Barium     | 137-1 | 997.34   | 1013.87  | 989.90   | 1000.37    | 1.23    | ppb   |
| Beryllium  | 9-1   | 3.53     | 3.37     | 3.33     | 3.41       | 3.08    | ppb   |
| Bismuth    | 209-1 |          |          |          | 101        |         | %     |
| Bismuth    | 209-2 |          |          |          | 96         |         | %     |
| Boron      | 10-1  | 3.04     | 4.24     | 3.67     | 3.65       | 16.48   | ppb   |
| Boron      | 11-1  | 3.63     | 3.56     | 3.93     | 3.70       | 5.26    | ppb   |
| Cadmium    | 111-1 | 0.09     | 0.08     | 0.11     | 0.09       | 16.70   | ppb   |
| Cadmium    | 106-1 | 1.44     | 1.37     | 1.56     | 1.45       | 6.56    | ppb   |
| Cadmium    | 108-1 | 1.42     | 1.37     | 1.33     | 1.37       | 3.35    | ppb   |
| Calcium    | 43-1  | 4371.81  | 4509.71  | 4440.68  | 4440.73    | 1.55    | ppb   |
| Calcium    | 44-1  | 4410.80  | 4468.78  | 4438.04  | 4439.21    | 0.65    | ppb   |
| Chromium   | 52-2  | 76.50    | 75.83    | 74.67    | 75.67      | 1.22    | ppb   |
| Cobalt     | 59-2  | 14.99    | 15.09    | 14.86    | 14.98      | 0.78    | ppb   |
| Copper     | 63-2  | 23.08    | 22.67    | 22.45    | 22.73      | 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 |          |          |          | 104        |         | %     |
| Holmium    | 165-2 |          |          |          | 103        |         | %     |
| Indium     | 115-1 |          |          |          | 102        |         | %     |
| Indium     | 115-2 |          |          |          | 100        |         | %     |
| Iron       | 56-2  | 16913.05 | 16844.87 | 16689.72 | 16815.88   | 0.68    | ppb   |
| Iron       | 57-2  | 16144.40 | 16169.01 | 15982.17 | 16098.53   | 0.63    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 28.29    | 28.38    | 28.26    | 28.31      | 0.22    | ppb   |
| Lead       | 207-1 | 25.68    | 26.07    | 25.70    | 25.82      | 0.84    | ppb   |
| Lead       | 208-1 | 26.68    | 26.99    | 26.92    | 26.86      | 0.60    | ppb   |
| Lithium    | 6-1   |          |          |          | 99         |         | %     |
| Magnesium  | 24-2  | 6431.62  | 6429.24  | 6349.79  | 6403.55    | 0.73    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2986-01DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-19(6.5-7)DL    | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 17:22:30 | DataFile Name :   | 077SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 81.37    | 82.35    | 80.65    | 81.46      | 1.05    | ppb   |
| Molybdenum | 94-1  | 17.26    | 17.44    | 17.51    | 17.41      | 0.74    | ppb   |
| Molybdenum | 95-1  | 0.07     | 0.09     | 0.10     | 0.09       | 17.07   | ppb   |
| Molybdenum | 96-1  | 2.21     | 2.22     | 2.39     | 2.27       | 4.42    | ppb   |
| Molybdenum | 97-1  | 0.07     | 0.14     | 0.10     | 0.10       | 31.07   | ppb   |
| Molybdenum | 98-1  | 0.09     | 0.08     | 0.09     | 0.09       | 9.76    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 42.07    | 41.61    | 41.72    | 41.80      | 0.57    | ppb   |
| Phosphorus | 31-2  | 21.40    | 6.69     | 23.57    | 17.22      | 53.34   | ppb   |
| Potassium  | 39-2  | 630.35   | 627.87   | 621.63   | 626.62     | 0.72    | ppb   |
| Rhodium    | 103-1 |          |          |          | 100        |         | %     |
| Rhodium    | 103-2 |          |          |          | 98         |         | %     |
| Scandium   | 45-1  |          |          |          | 107        |         | %     |
| Scandium   | 45-2  |          |          |          | 106        |         | %     |
| Selenium   | 77-2  | 31.97    | 27.12    | 34.35    | 31.15      | 11.83   | ppb   |
| Selenium   | 78-2  | 5.84     | 4.17     | 6.96     | 5.66       | 24.82   | ppb   |
| Selenium   | 82-1  | 1.31     | 1.44     | 1.39     | 1.38       | 4.61    | ppb   |
| Silicon    | 28-1  | 4724.11  | 4750.46  | 4737.94  | 4737.50    | 0.28    | ppb   |
| Silver     | 109-1 | 0.08     | 0.09     | 0.07     | 0.08       | 12.88   | ppb   |
| Silver     | 107-1 | 0.09     | 0.09     | 0.10     | 0.10       | 3.48    | ppb   |
| Sodium     | 23-2  | 936.19   | 938.49   | 931.82   | 935.50     | 0.36    | ppb   |
| Strontium  | 86-1  | 27.65    | 27.66    | 27.92    | 27.75      | 0.55    | ppb   |
| Strontium  | 88-1  | 27.42    | 27.43    | 27.69    | 27.51      | 0.56    | ppb   |
| Sulfur     | 34-1  | -2407.96 | -2453.53 | -2412.47 | -2424.65   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 104        |         | %     |
| Terbium    | 159-2 |          |          |          | 103        |         | %     |
| Thallium   | 203-1 | 0.24     | 0.19     | 0.21     | 0.21       | 12.35   | ppb   |
| Thallium   | 205-1 | 0.23     | 0.21     | 0.23     | 0.23       | 4.81    | ppb   |
| Thorium    | 232-1 | 14.90    | 14.81    | 14.99    | 14.90      | 0.62    | ppb   |
| Tin        | 118-1 | 0.06     | 0.05     | 0.06     | 0.06       | 8.88    | ppb   |
| Titanium   | 47-1  | 61.53    | 61.98    | 61.94    | 61.82      | 0.40    | ppb   |
| Uranium    | 238-1 | 2.71     | 2.64     | 2.66     | 2.67       | 1.37    | ppb   |
| Vanadium   | 51-2  | 63.37    | 63.69    | 62.61    | 63.22      | 0.88    | ppb   |
| Yttrium    | 89-1  |          |          |          | 123        |         | %     |
| Yttrium    | 89-2  |          |          |          | 121        |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2986-01DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-19(6.5-7)DL    | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 17:22:30 | DataFile Name :   | 077SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 87.50   | 87.98   | 86.44   | 87.30      | 0.90    | ppb   |
| Zirconium | 90-1 | 10.85   | 10.87   | 11.11   | 10.94      | 1.29    | ppb   |
| Zirconium | 91-1 | 11.33   | 11.31   | 11.34   | 11.33      | 0.15    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2986-02DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-21(4.5-5)DL    | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 17:26:06 | DataFile Name :   | 078SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 27058.40 | 27154.62 | 27175.64 | 27129.56   | 0.23    | ppb   |
| Antimony   | 121-1 | 0.00     | 0.01     | 0.00     | 0.00       |         | ppb   |
| Arsenic    | 75-2  | 2.80     | 2.44     | 2.73     | 2.66       | 7.21    | ppb   |
| Barium     | 135-1 | 193.04   | 192.40   | 189.88   | 191.77     | 0.87    | ppb   |
| Barium     | 137-1 | 189.56   | 191.25   | 188.54   | 189.78     | 0.72    | ppb   |
| Beryllium  | 9-1   | 2.00     | 2.02     | 1.89     | 1.97       | 3.67    | ppb   |
| Bismuth    | 209-1 |          |          |          | 101        |         | %     |
| Bismuth    | 209-2 |          |          |          | 96         |         | %     |
| Boron      | 10-1  | 2.08     | 2.47     | 2.58     | 2.38       | 10.98   | ppb   |
| Boron      | 11-1  | 2.83     | 2.51     | 2.60     | 2.65       | 6.19    | ppb   |
| Cadmium    | 111-1 | 0.21     | 0.07     | 0.22     | 0.17       | 50.90   | ppb   |
| Cadmium    | 106-1 | 3.27     | 1.22     | 3.20     | 2.56       | 45.47   | ppb   |
| Cadmium    | 108-1 | 1.23     | 0.98     | 0.88     | 1.03       | 17.63   | ppb   |
| Calcium    | 43-1  | 1896.52  | 2005.09  | 1953.02  | 1951.54    | 2.78    | ppb   |
| Calcium    | 44-1  | 1962.67  | 1986.97  | 1941.05  | 1963.56    | 1.17    | ppb   |
| Chromium   | 52-2  | 61.33    | 61.30    | 61.03    | 61.22      | 0.27    | ppb   |
| Cobalt     | 59-2  | 24.30    | 24.48    | 24.36    | 24.38      | 0.37    | ppb   |
| Copper     | 63-2  | 11.07    | 11.09    | 11.01    | 11.06      | 0.40    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 103        |         | %     |
| Holmium    | 165-2 |          |          |          | 102        |         | %     |
| Indium     | 115-1 |          |          |          | 101        |         | %     |
| Indium     | 115-2 |          |          |          | 101        |         | %     |
| Iron       | 56-2  | 35614.64 | 35184.20 | 35449.85 | 35416.23   | 0.61    | ppb   |
| Iron       | 57-2  | 33985.87 | 33788.81 | 34044.42 | 33939.70   | 0.39    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 22.71    | 23.25    | 22.79    | 22.92      | 1.29    | ppb   |
| Lead       | 207-1 | 20.41    | 21.12    | 20.55    | 20.69      | 1.81    | ppb   |
| Lead       | 208-1 | 21.60    | 22.14    | 21.46    | 21.74      | 1.66    | ppb   |
| Lithium    | 6-1   |          |          |          | 98         |         | %     |
| Magnesium  | 24-2  | 7549.21  | 7595.95  | 7557.67  | 7567.61    | 0.33    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2986-02DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-21(4.5-5)DL    | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 17:26:06 | DataFile Name :   | 078SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 80.71    | 80.70    | 81.68    | 81.03      | 0.70    | ppb   |
| Molybdenum | 94-1  | 13.18    | 13.34    | 12.54    | 13.02      | 3.24    | ppb   |
| Molybdenum | 95-1  | 0.06     | 0.07     | 0.05     | 0.06       | 17.77   | ppb   |
| Molybdenum | 96-1  | 1.68     | 1.79     | 1.76     | 1.74       | 3.16    | ppb   |
| Molybdenum | 97-1  | 0.02     | 0.06     | 0.03     | 0.04       | 55.42   | ppb   |
| Molybdenum | 98-1  | 0.06     | 0.06     | 0.05     | 0.06       | 13.33   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 33.29    | 33.56    | 33.61    | 33.49      | 0.52    | ppb   |
| Phosphorus | 31-2  | 30.80    | 21.86    | 6.91     | 19.86      | 60.79   | ppb   |
| Potassium  | 39-2  | 445.21   | 453.05   | 445.63   | 447.96     | 0.98    | ppb   |
| Rhodium    | 103-1 |          |          |          | 99         |         | %     |
| Rhodium    | 103-2 |          |          |          | 99         |         | %     |
| Scandium   | 45-1  |          |          |          | 105        |         | %     |
| Scandium   | 45-2  |          |          |          | 104        |         | %     |
| Selenium   | 77-2  | 24.90    | 17.80    | 21.01    | 21.24      | 16.74   | ppb   |
| Selenium   | 78-2  | 3.91     | 5.61     | 5.26     | 4.93       | 18.16   | ppb   |
| Selenium   | 82-1  | 1.27     | 1.31     | 0.87     | 1.15       | 21.32   | ppb   |
| Silicon    | 28-1  | 4395.95  | 4471.41  | 4377.02  | 4414.79    | 1.13    | ppb   |
| Silver     | 109-1 | 0.09     | 0.08     | 0.08     | 0.08       | 10.30   | ppb   |
| Silver     | 107-1 | 0.08     | 0.10     | 0.08     | 0.08       | 11.23   | ppb   |
| Sodium     | 23-2  | 879.45   | 872.68   | 875.00   | 875.71     | 0.39    | ppb   |
| Strontium  | 86-1  | 15.11    | 14.93    | 14.43    | 14.82      | 2.38    | ppb   |
| Strontium  | 88-1  | 14.67    | 15.10    | 14.59    | 14.79      | 1.87    | ppb   |
| Sulfur     | 34-1  | -2591.99 | -2563.98 | -2693.90 | -2616.62   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 103        |         | %     |
| Terbium    | 159-2 |          |          |          | 103        |         | %     |
| Thallium   | 203-1 | 0.15     | 0.17     | 0.16     | 0.16       | 4.50    | ppb   |
| Thallium   | 205-1 | 0.17     | 0.19     | 0.17     | 0.18       | 6.80    | ppb   |
| Thorium    | 232-1 | 11.92    | 12.23    | 11.82    | 11.99      | 1.79    | ppb   |
| Tin        | 118-1 | 0.05     | 0.01     | 0.04     | 0.03       | 52.78   | ppb   |
| Titanium   | 47-1  | 68.64    | 72.50    | 70.59    | 70.58      | 2.74    | ppb   |
| Uranium    | 238-1 | 2.99     | 3.13     | 2.97     | 3.03       | 2.98    | ppb   |
| Vanadium   | 51-2  | 54.58    | 54.57    | 54.36    | 54.50      | 0.23    | ppb   |
| Yttrium    | 89-1  |          |          |          | 120        |         | %     |
| Yttrium    | 89-2  |          |          |          | 119        |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2986-02DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-21(4.5-5)DL    | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 17:26:06 | DataFile Name :   | 078SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 69.79   | 70.69   | 71.08   | 70.52      | 0.94    | ppb   |
| Zirconium | 90-1 | 7.99    | 8.28    | 8.03    | 8.10       | 1.93    | ppb   |
| Zirconium | 91-1 | 8.27    | 8.35    | 8.29    | 8.30       | 0.47    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB103076            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV22               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV22               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2019-05-29 17:30:11 | DataFile Name :   | 079CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 55678.36  | 56207.71  | 56034.19  | 55973.42   | 0.48    | ppb   |
| Antimony   | 121-1 | 507.87    | 505.18    | 506.59    | 506.55     | 0.27    | ppb   |
| Arsenic    | 75-2  | 531.40    | 529.17    | 528.76    | 529.78     | 0.27    | ppb   |
| Barium     | 135-1 | 2581.57   | 2569.22   | 2555.57   | 2568.79    | 0.51    | ppb   |
| Barium     | 137-1 | 2651.49   | 2650.31   | 2641.00   | 2647.60    | 0.22    | ppb   |
| Beryllium  | 9-1   | 519.19    | 522.33    | 518.18    | 519.90     | 0.42    | ppb   |
| Bismuth    | 209-1 |           |           |           | 92         |         | %     |
| Bismuth    | 209-2 |           |           |           | 86         |         | %     |
| Boron      | 10-1  | 484.90    | 514.23    | 514.12    | 504.42     | 3.35    | ppb   |
| Boron      | 11-1  | 496.87    | 508.23    | 514.89    | 506.67     | 1.80    | ppb   |
| Cadmium    | 111-1 | 485.56    | 482.16    | 479.17    | 482.30     | 0.66    | ppb   |
| Cadmium    | 106-1 | 500.62    | 492.79    | 493.34    | 495.58     | 0.88    | ppb   |
| Cadmium    | 108-1 | 502.15    | 489.98    | 485.81    | 492.65     | 1.72    | ppb   |
| Calcium    | 43-1  | 249362.75 | 252750.78 | 250608.30 | 250907.28  | 0.68    | ppb   |
| Calcium    | 44-1  | 251118.49 | 252154.99 | 251446.31 | 251573.26  | 0.21    | ppb   |
| Chromium   | 52-2  | 489.20    | 492.79    | 493.01    | 491.67     | 0.44    | ppb   |
| Cobalt     | 59-2  | 476.39    | 482.68    | 487.08    | 482.05     | 1.11    | ppb   |
| Copper     | 63-2  | 962.59    | 975.56    | 980.33    | 972.83     | 0.94    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 101        |         | %     |
| Holmium    | 165-2 |           |           |           | 99         |         | %     |
| Indium     | 115-1 |           |           |           | 93         |         | %     |
| Indium     | 115-2 |           |           |           | 92         |         | %     |
| Iron       | 56-2  | 131035.63 | 132173.14 | 132106.73 | 131771.83  | 0.48    | ppb   |
| Iron       | 57-2  | 131262.98 | 132133.98 | 131905.22 | 131767.39  | 0.34    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 505.64    | 505.05    | 504.95    | 505.21     | 0.07    | ppb   |
| Lead       | 207-1 | 511.56    | 508.48    | 508.27    | 509.43     | 0.36    | ppb   |
| Lead       | 208-1 | 514.98    | 515.41    | 515.12    | 515.17     | 0.04    | ppb   |
| Lithium    | 6-1   |           |           |           | 91         |         | %     |
| Magnesium  | 24-2  | 256718.60 | 259542.04 | 259543.40 | 258601.35  | 0.63    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB103076            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV22               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV22               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2019-05-29 17:30:11 | DataFile Name :   | 079CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 964.07    | 975.16    | 978.74    | 972.66     | 0.79    | ppb   |
| Molybdenum | 94-1  | 2584.45   | 2587.05   | 2569.50   | 2580.33    | 0.37    | ppb   |
| Molybdenum | 95-1  | 2589.73   | 2597.49   | 2578.37   | 2588.53    | 0.37    | ppb   |
| Molybdenum | 96-1  | 2586.68   | 2604.94   | 2577.31   | 2589.64    | 0.54    | ppb   |
| Molybdenum | 97-1  | 2590.41   | 2607.80   | 2587.85   | 2595.35    | 0.42    | ppb   |
| Molybdenum | 98-1  | 2572.20   | 2590.00   | 2580.13   | 2580.78    | 0.35    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 470.90    | 477.25    | 482.01    | 476.72     | 1.17    | ppb   |
| Phosphorus | 31-2  | 9641.36   | 9989.23   | 9646.67   | 9759.09    | 2.04    | ppb   |
| Potassium  | 39-2  | 130856.88 | 132629.69 | 132103.57 | 131863.38  | 0.69    | ppb   |
| Rhodium    | 103-1 |           |           |           | 87         |         | %     |
| Rhodium    | 103-2 |           |           |           | 87         |         | %     |
| Scandium   | 45-1  |           |           |           | 92         |         | %     |
| Scandium   | 45-2  |           |           |           | 96         |         | %     |
| Selenium   | 77-2  | 558.54    | 520.41    | 507.28    | 528.74     | 5.04    | ppb   |
| Selenium   | 78-2  | 525.97    | 512.15    | 520.55    | 519.56     | 1.34    | ppb   |
| Selenium   | 82-1  | 513.70    | 514.77    | 511.21    | 513.23     | 0.36    | ppb   |
| Silicon    | 28-1  | 548.33    | 551.43    | 547.92    | 549.23     | 0.35    | ppb   |
| Silver     | 109-1 | 496.64    | 492.36    | 491.67    | 493.56     | 0.55    | ppb   |
| Silver     | 107-1 | 495.64    | 490.16    | 490.15    | 491.98     | 0.64    | ppb   |
| Sodium     | 23-2  | 255719.07 | 259686.07 | 259612.80 | 258339.31  | 0.88    | ppb   |
| Strontium  | 86-1  | 501.10    | 503.43    | 497.80    | 500.78     | 0.56    | ppb   |
| Strontium  | 88-1  | 513.12    | 513.59    | 509.58    | 512.10     | 0.43    | ppb   |
| Sulfur     | 34-1  | 10920.10  | 10790.26  | 10876.65  | 10862.34   | 0.61    | ppb   |
| Terbium    | 159-1 |           |           |           | 100        |         | %     |
| Terbium    | 159-2 |           |           |           | 99         |         | %     |
| Thallium   | 203-1 | 506.54    | 507.22    | 505.78    | 506.51     | 0.14    | ppb   |
| Thallium   | 205-1 | 526.46    | 527.53    | 527.54    | 527.18     | 0.12    | ppb   |
| Thorium    | 232-1 | 527.51    | 527.13    | 525.00    | 526.54     | 0.26    | ppb   |
| Tin        | 118-1 | 513.95    | 510.25    | 508.19    | 510.80     | 0.57    | ppb   |
| Titanium   | 47-1  | 2588.86   | 2590.08   | 2588.29   | 2589.08    | 0.04    | ppb   |
| Uranium    | 238-1 | 519.16    | 517.79    | 517.43    | 518.13     | 0.18    | ppb   |
| Vanadium   | 51-2  | 491.54    | 497.07    | 497.66    | 495.42     | 0.68    | ppb   |
| Yttrium    | 89-1  |           |           |           | 96         |         | %     |
| Yttrium    | 89-2  |           |           |           | 96         |         | %     |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB103076            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV22               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV22               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2019-05-29 17:30:11 | DataFile Name :   | 079CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 958.89  | 973.73  | 981.63  | 971.42     | 1.19    | ppb   |
| Zirconium | 90-1 | 520.83  | 519.50  | 518.18  | 519.51     | 0.26    | ppb   |
| Zirconium | 91-1 | 504.86  | 508.02  | 504.47  | 505.78     | 0.38    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB22               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB22               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 17:34:34 | DataFile Name :   | 080CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1.49    | 1.17    | 0.80    | 1.15       | 29.96   | ppb   |
| Antimony   | 121-1 | 0.29    | 0.30    | 0.28    | 0.29       | 2.97    | ppb   |
| Arsenic    | 75-2  | 0.02    | 0.05    | 0.04    | 0.04       | 47.75   | ppb   |
| Barium     | 135-1 | 0.09    | 0.09    | 0.03    | 0.07       | 49.35   | ppb   |
| Barium     | 137-1 | 0.07    | 0.07    | 0.07    | 0.07       | 2.50    | ppb   |
| Beryllium  | 9-1   | 0.09    | 0.04    | 0.09    | 0.07       | 37.93   | ppb   |
| Bismuth    | 209-1 |         |         |         | 106        |         | %     |
| Bismuth    | 209-2 |         |         |         | 101        |         | %     |
| Boron      | 10-1  | 11.50   | 10.22   | 9.67    | 10.46      | 8.97    | ppb   |
| Boron      | 11-1  | 11.65   | 10.79   | 9.51    | 10.65      | 10.09   | ppb   |
| Cadmium    | 111-1 | 0.06    | -0.12   | -0.11   | -0.05      |         | ppb   |
| Cadmium    | 106-1 | 0.29    | -1.78   | -1.69   | -1.06      |         | ppb   |
| Cadmium    | 108-1 | -0.02   | 0.03    | 0.03    | 0.01       | 204.14  | ppb   |
| Calcium    | 43-1  | 3.47    | 5.29    | 2.94    | 3.90       | 31.69   | ppb   |
| Calcium    | 44-1  | 4.91    | 4.22    | 4.31    | 4.48       | 8.45    | ppb   |
| Chromium   | 52-2  | 0.03    | -0.01   | 0.01    | 0.01       | 189.44  | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.01    | 0.00       | 117.85  | ppb   |
| Copper     | 63-2  | 0.04    | 0.02    | 0.03    | 0.03       | 39.18   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 106        |         | %     |
| Holmium    | 165-2 |         |         |         | 107        |         | %     |
| Indium     | 115-1 |         |         |         | 106        |         | %     |
| Indium     | 115-2 |         |         |         | 107        |         | %     |
| Iron       | 56-2  | 2.79    | 2.82    | 2.59    | 2.73       | 4.56    | ppb   |
| Iron       | 57-2  | 4.68    | 3.18    | 2.37    | 3.41       | 34.43   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.07    | 0.06    | 0.05    | 0.06       | 17.02   | ppb   |
| Lead       | 207-1 | 0.06    | 0.05    | 0.04    | 0.05       | 20.25   | ppb   |
| Lead       | 208-1 | 0.06    | 0.06    | 0.05    | 0.06       | 5.81    | ppb   |
| Lithium    | 6-1   |         |         |         | 102        |         | %     |
| Magnesium  | 24-2  | 4.67    | 4.21    | 3.45    | 4.11       | 14.93   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB22               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB22               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 17:34:34 | DataFile Name :   | 080CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 0.02    | 0.01    | 0.01    | 0.02       | 11.80   | ppb   |
| Molybdenum | 94-1  | 0.32    | 0.27    | 0.22    | 0.27       | 18.83   | ppb   |
| Molybdenum | 95-1  | 0.42    | 0.30    | 0.31    | 0.34       | 18.37   | ppb   |
| Molybdenum | 96-1  | 0.42    | 0.34    | 0.31    | 0.35       | 16.62   | ppb   |
| Molybdenum | 97-1  | 0.37    | 0.24    | 0.30    | 0.30       | 20.69   | ppb   |
| Molybdenum | 98-1  | 0.38    | 0.31    | 0.30    | 0.33       | 13.10   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.02    | 0.00    | -0.01   | 0.00       | 392.29  | ppb   |
| Phosphorus | 31-2  | -28.79  | -32.88  | -38.29  | -33.32     |         | ppb   |
| Potassium  | 39-2  | 21.19   | 15.67   | 11.59   | 16.15      | 29.84   | ppb   |
| Rhodium    | 103-1 |         |         |         | 105        |         | %     |
| Rhodium    | 103-2 |         |         |         | 106        |         | %     |
| Scandium   | 45-1  |         |         |         | 105        |         | %     |
| Scandium   | 45-2  |         |         |         | 106        |         | %     |
| Selenium   | 77-2  | 0.83    | 0.83    | 0.41    | 0.69       | 35.05   | ppb   |
| Selenium   | 78-2  | -0.31   | -0.12   | -0.60   | -0.34      |         | ppb   |
| Selenium   | 82-1  | 0.10    | 0.24    | 0.03    | 0.12       | 88.35   | ppb   |
| Silicon    | 28-1  | 2.58    | 0.56    | 4.45    | 2.53       | 76.97   | ppb   |
| Silver     | 109-1 | 0.02    | 0.03    | 0.02    | 0.02       | 17.84   | ppb   |
| Silver     | 107-1 | 0.02    | 0.02    | 0.03    | 0.02       | 25.34   | ppb   |
| Sodium     | 23-2  | 36.83   | 32.71   | 32.98   | 34.17      | 6.74    | ppb   |
| Strontium  | 86-1  | -0.02   | -0.02   | 0.06    | 0.01       | 641.49  | ppb   |
| Strontium  | 88-1  | 0.01    | 0.01    | 0.01    | 0.01       | 20.16   | ppb   |
| Sulfur     | 34-1  | -79.51  | -173.09 | -216.11 | -156.24    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 106        |         | %     |
| Terbium    | 159-2 |         |         |         | 108        |         | %     |
| Thallium   | 203-1 | 0.06    | 0.06    | 0.05    | 0.06       | 8.12    | ppb   |
| Thallium   | 205-1 | 0.06    | 0.05    | 0.05    | 0.06       | 8.68    | ppb   |
| Thorium    | 232-1 | 0.04    | 0.03    | 0.03    | 0.04       | 16.54   | ppb   |
| Tin        | 118-1 | 0.09    | 0.08    | 0.11    | 0.09       | 14.89   | ppb   |
| Titanium   | 47-1  | 0.10    | 0.15    | 0.09    | 0.11       | 31.08   | ppb   |
| Uranium    | 238-1 | 0.01    | 0.01    | 0.01    | 0.01       | 22.76   | ppb   |
| Vanadium   | 51-2  | 0.02    | 0.01    | 0.00    | 0.01       | 76.94   | ppb   |
| Yttrium    | 89-1  |         |         |         | 106        |         | %     |
| Yttrium    | 89-2  |         |         |         | 107        |         | %     |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB22               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB22               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 17:34:34 | DataFile Name :   | 080CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 0.07    | 0.09    | 0.26    | 0.14       | 75.32   | ppb   |
| Zirconium | 90-1 | 0.03    | 0.02    | 0.02    | 0.02       | 5.75    | ppb   |
| Zirconium | 91-1 | 0.05    | 0.02    | 0.02    | 0.03       | 63.54   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2986-03DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FEQC-052119DL       | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 17:38:10 | DataFile Name :   | 081SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 20035.57 | 21183.98 | 22225.15 | 21148.23   | 5.18    | ppb   |
| Antimony   | 121-1 | 0.08     | 0.10     | 0.10     | 0.09       | 15.09   | ppb   |
| Arsenic    | 75-2  | 2.10     | 2.11     | 2.07     | 2.09       | 0.76    | ppb   |
| Barium     | 135-1 | 490.84   | 487.12   | 482.36   | 486.77     | 0.87    | ppb   |
| Barium     | 137-1 | 489.73   | 490.68   | 483.53   | 487.98     | 0.80    | ppb   |
| Beryllium  | 9-1   | 1.82     | 1.91     | 1.84     | 1.86       | 2.49    | ppb   |
| Bismuth    | 209-1 |          |          |          | 106        |         | %     |
| Bismuth    | 209-2 |          |          |          | 100        |         | %     |
| Boron      | 10-1  | 7.82     | 6.94     | 7.23     | 7.33       | 6.13    | ppb   |
| Boron      | 11-1  | 7.68     | 7.80     | 7.46     | 7.65       | 2.26    | ppb   |
| Cadmium    | 111-1 | 0.37     | 0.41     | 0.52     | 0.44       | 17.68   | ppb   |
| Cadmium    | 106-1 | 5.56     | 6.38     | 7.18     | 6.37       | 12.75   | ppb   |
| Cadmium    | 108-1 | 3.30     | 3.18     | 2.43     | 2.97       | 15.81   | ppb   |
| Calcium    | 43-1  | 2993.34  | 3064.18  | 2940.35  | 2999.29    | 2.07    | ppb   |
| Calcium    | 44-1  | 3062.94  | 3039.95  | 3033.11  | 3045.33    | 0.51    | ppb   |
| Chromium   | 52-2  | 69.53    | 72.43    | 77.03    | 72.99      | 5.18    | ppb   |
| Cobalt     | 59-2  | 12.83    | 13.36    | 14.35    | 13.51      | 5.72    | ppb   |
| Copper     | 63-2  | 40.37    | 42.67    | 44.46    | 42.50      | 4.83    | 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 |          |          |          | 108        |         | %     |
| Holmium    | 165-2 |          |          |          | 107        |         | %     |
| Indium     | 115-1 |          |          |          | 106        |         | %     |
| Indium     | 115-2 |          |          |          | 106        |         | %     |
| Iron       | 56-2  | 14768.38 | 15643.65 | 16408.09 | 15606.71   | 5.26    | ppb   |
| Iron       | 57-2  | 14068.48 | 14977.71 | 15736.10 | 14927.43   | 5.59    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 23.20    | 22.95    | 22.99    | 23.05      | 0.57    | ppb   |
| Lead       | 207-1 | 21.02    | 20.82    | 20.82    | 20.89      | 0.54    | ppb   |
| Lead       | 208-1 | 22.00    | 21.76    | 21.78    | 21.85      | 0.62    | ppb   |
| Lithium    | 6-1   |          |          |          | 102        |         | %     |
| Magnesium  | 24-2  | 6093.84  | 6457.36  | 6793.95  | 6448.38    | 5.43    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2986-03DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FEQC-052119DL       | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 17:38:10 | DataFile Name :   | 081SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 104.38   | 110.28   | 116.01   | 110.22     | 5.28    | ppb   |
| Molybdenum | 94-1  | 31.10    | 30.94    | 30.51    | 30.85      | 0.98    | ppb   |
| Molybdenum | 95-1  | 0.17     | 0.20     | 0.13     | 0.17       | 20.22   | ppb   |
| Molybdenum | 96-1  | 4.03     | 4.08     | 4.07     | 4.06       | 0.66    | ppb   |
| Molybdenum | 97-1  | 0.19     | 0.19     | 0.14     | 0.17       | 16.24   | ppb   |
| Molybdenum | 98-1  | 0.15     | 0.18     | 0.16     | 0.17       | 7.69    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 34.29    | 36.32    | 38.00    | 36.20      | 5.13    | ppb   |
| Phosphorus | 31-2  | 152.04   | 186.29   | 198.01   | 178.78     | 13.36   | ppb   |
| Potassium  | 39-2  | 685.81   | 729.63   | 775.07   | 730.17     | 6.11    | ppb   |
| Rhodium    | 103-1 |          |          |          | 104        |         | %     |
| Rhodium    | 103-2 |          |          |          | 104        |         | %     |
| Scandium   | 45-1  |          |          |          | 110        |         | %     |
| Scandium   | 45-2  |          |          |          | 110        |         | %     |
| Selenium   | 77-2  | 19.01    | 17.40    | 24.59    | 20.33      | 18.56   | ppb   |
| Selenium   | 78-2  | 3.45     | 3.77     | 3.02     | 3.41       | 10.99   | ppb   |
| Selenium   | 82-1  | 1.29     | 1.15     | 1.16     | 1.20       | 6.66    | ppb   |
| Silicon    | 28-1  | 3468.77  | 3476.91  | 3446.65  | 3464.11    | 0.45    | ppb   |
| Silver     | 109-1 | 0.09     | 0.08     | 0.09     | 0.09       | 10.17   | ppb   |
| Silver     | 107-1 | 0.12     | 0.11     | 0.11     | 0.11       | 4.51    | ppb   |
| Sodium     | 23-2  | 512.10   | 535.85   | 576.89   | 541.61     | 6.05    | ppb   |
| Strontium  | 86-1  | 17.29    | 17.50    | 17.41    | 17.40      | 0.59    | ppb   |
| Strontium  | 88-1  | 17.68    | 17.54    | 17.32    | 17.51      | 1.04    | ppb   |
| Sulfur     | 34-1  | -1344.05 | -1414.90 | -1487.44 | -1415.46   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 108        |         | %     |
| Terbium    | 159-2 |          |          |          | 108        |         | %     |
| Thallium   | 203-1 | 0.20     | 0.19     | 0.19     | 0.19       | 2.70    | ppb   |
| Thallium   | 205-1 | 0.20     | 0.19     | 0.19     | 0.20       | 3.98    | ppb   |
| Thorium    | 232-1 | 11.51    | 11.25    | 11.29    | 11.35      | 1.23    | ppb   |
| Tin        | 118-1 | 0.15     | 0.14     | 0.13     | 0.14       | 6.83    | ppb   |
| Titanium   | 47-1  | 310.97   | 308.63   | 302.35   | 307.32     | 1.45    | ppb   |
| Uranium    | 238-1 | 3.51     | 3.46     | 3.44     | 3.47       | 1.02    | ppb   |
| Vanadium   | 51-2  | 62.56    | 65.26    | 69.39    | 65.74      | 5.23    | ppb   |
| Yttrium    | 89-1  |          |          |          | 122        |         | %     |
| Yttrium    | 89-2  |          |          |          | 122        |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2986-03DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FEQC-052119DL       | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 17:38:10 | DataFile Name :   | 081SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 104.53  | 110.72  | 116.97  | 110.74     | 5.61    | ppb   |
| Zirconium | 90-1 | 19.38   | 19.30   | 19.50   | 19.39      | 0.53    | ppb   |
| Zirconium | 91-1 | 19.78   | 19.83   | 19.83   | 19.81      | 0.15    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2966-03DL2X25      | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-15(1.2-1.7)DL2 | Dilution Factor : | 25        |
| Date & Time Acquired :: | 2019-05-29 17:41:47 | DataFile Name :   | 082SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 3702.32 | 3697.92 | 3719.48 | 3706.57    | 0.31    | ppb   |
| Antimony   | 121-1 | 0.03    | 0.02    | 0.06    | 0.04       | 55.96   | ppb   |
| Arsenic    | 75-2  | 0.32    | 0.47    | 0.32    | 0.37       | 23.35   | ppb   |
| Barium     | 135-1 | 105.37  | 104.63  | 103.14  | 104.38     | 1.09    | ppb   |
| Barium     | 137-1 | 104.61  | 101.92  | 102.83  | 103.12     | 1.33    | ppb   |
| Beryllium  | 9-1   | 0.28    | 0.31    | 0.35    | 0.31       | 10.58   | ppb   |
| Bismuth    | 209-1 |         |         |         | 108        |         | %     |
| Bismuth    | 209-2 |         |         |         | 101        |         | %     |
| Boron      | 10-1  | 3.77    | 3.16    | 3.56    | 3.50       | 9.00    | ppb   |
| Boron      | 11-1  | 3.68    | 3.31    | 3.50    | 3.50       | 5.23    | ppb   |
| Cadmium    | 111-1 | -0.05   | -0.05   | -0.09   | -0.06      |         | ppb   |
| Cadmium    | 106-1 | -0.56   | -0.62   | -1.18   | -0.79      |         | ppb   |
| Cadmium    | 108-1 | 0.21    | 0.16    | 0.11    | 0.16       | 32.66   | ppb   |
| Calcium    | 43-1  | 552.13  | 556.55  | 519.41  | 542.70     | 3.74    | ppb   |
| Calcium    | 44-1  | 575.98  | 566.71  | 563.83  | 568.84     | 1.12    | ppb   |
| Chromium   | 52-2  | 8.61    | 8.79    | 8.58    | 8.66       | 1.28    | ppb   |
| Cobalt     | 59-2  | 0.93    | 0.99    | 1.00    | 0.97       | 3.82    | ppb   |
| Copper     | 63-2  | 1.08    | 1.06    | 1.08    | 1.07       | 1.28    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 109        |         | %     |
| Holmium    | 165-2 |         |         |         | 107        |         | %     |
| Indium     | 115-1 |         |         |         | 109        |         | %     |
| Indium     | 115-2 |         |         |         | 106        |         | %     |
| Iron       | 56-2  | 2728.06 | 2709.37 | 2728.63 | 2722.02    | 0.40    | ppb   |
| Iron       | 57-2  | 2569.88 | 2651.50 | 2609.58 | 2610.32    | 1.56    | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 2.77    | 2.67    | 2.70    | 2.71       | 1.83    | ppb   |
| Lead       | 207-1 | 2.39    | 2.38    | 2.44    | 2.40       | 1.26    | ppb   |
| Lead       | 208-1 | 2.57    | 2.53    | 2.53    | 2.54       | 0.92    | ppb   |
| Lithium    | 6-1   |         |         |         | 103        |         | %     |
| Magnesium  | 24-2  | 558.31  | 554.45  | 547.30  | 553.35     | 1.01    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2966-03DL2X25      | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-15(1.2-1.7)DL2 | Dilution Factor : | 25        |
| Date & Time Acquired :: | 2019-05-29 17:41:47 | DataFile Name :   | 082SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 19.30    | 19.10    | 19.33    | 19.24      | 0.66    | ppb   |
| Molybdenum | 94-1  | 1.95     | 1.81     | 1.86     | 1.87       | 3.69    | ppb   |
| Molybdenum | 95-1  | 0.07     | 0.08     | 0.08     | 0.08       | 6.05    | ppb   |
| Molybdenum | 96-1  | 0.31     | 0.31     | 0.31     | 0.31       | 0.69    | ppb   |
| Molybdenum | 97-1  | 0.06     | 0.05     | 0.05     | 0.05       | 9.61    | ppb   |
| Molybdenum | 98-1  | 0.05     | 0.05     | 0.05     | 0.05       | 5.39    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 2.91     | 2.92     | 3.02     | 2.95       | 1.96    | ppb   |
| Phosphorus | 31-2  | -34.70   | -38.23   | -14.98   | -29.30     |         | ppb   |
| Potassium  | 39-2  | 78.30    | 75.91    | 77.42    | 77.21      | 1.57    | ppb   |
| Rhodium    | 103-1 |          |          |          | 107        |         | %     |
| Rhodium    | 103-2 |          |          |          | 105        |         | %     |
| Scandium   | 45-1  |          |          |          | 109        |         | %     |
| Scandium   | 45-2  |          |          |          | 106        |         | %     |
| Selenium   | 77-2  | 4.47     | 2.43     | 1.62     | 2.84       | 51.66   | ppb   |
| Selenium   | 78-2  | 0.58     | -0.09    | 0.44     | 0.31       | 113.54  | ppb   |
| Selenium   | 82-1  | 0.42     | 0.20     | 0.16     | 0.26       | 52.23   | ppb   |
| Silicon    | 28-1  | 958.61   | 948.60   | 957.53   | 954.92     | 0.58    | ppb   |
| Silver     | 109-1 | 0.02     | 0.02     | 0.02     | 0.02       | 13.52   | ppb   |
| Silver     | 107-1 | 0.02     | 0.01     | 0.00     | 0.01       | 52.60   | ppb   |
| Sodium     | 23-2  | 49.44    | 48.66    | 50.22    | 49.44      | 1.57    | ppb   |
| Strontium  | 86-1  | 4.07     | 4.02     | 4.24     | 4.11       | 2.91    | ppb   |
| Strontium  | 88-1  | 4.01     | 3.95     | 4.05     | 4.00       | 1.33    | ppb   |
| Sulfur     | 34-1  | -1879.01 | -1897.23 | -1908.05 | -1894.76   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 109        |         | %     |
| Terbium    | 159-2 |          |          |          | 107        |         | %     |
| Thallium   | 203-1 | 0.04     | 0.03     | 0.03     | 0.03       | 14.57   | ppb   |
| Thallium   | 205-1 | 0.03     | 0.03     | 0.03     | 0.03       | 7.59    | ppb   |
| Thorium    | 232-1 | 1.57     | 1.53     | 1.52     | 1.54       | 1.44    | ppb   |
| Tin        | 118-1 | 0.02     | 0.05     | 0.01     | 0.03       | 60.29   | ppb   |
| Titanium   | 47-1  | 6.56     | 6.07     | 6.34     | 6.32       | 3.91    | ppb   |
| Uranium    | 238-1 | 0.56     | 0.54     | 0.52     | 0.54       | 3.63    | ppb   |
| Vanadium   | 51-2  | 6.47     | 6.31     | 6.36     | 6.38       | 1.27    | ppb   |
| Yttrium    | 89-1  |          |          |          | 110        |         | %     |
| Yttrium    | 89-2  |          |          |          | 109        |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2966-03DL2X25      | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-15(1.2-1.7)DL2 | Dilution Factor : | 25        |
| Date & Time Acquired :: | 2019-05-29 17:41:47 | DataFile Name :   | 082SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 8.04    | 8.18    | 8.09    | 8.10       | 0.87    | ppb   |
| Zirconium | 90-1 | 1.15    | 1.19    | 1.17    | 1.17       | 1.39    | ppb   |
| Zirconium | 91-1 | 1.25    | 1.19    | 1.21    | 1.22       | 2.44    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2986-01DL2X25      | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-19(6.5-7)DL2   | Dilution Factor : | 25        |
| Date & Time Acquired :: | 2019-05-29 17:45:23 | DataFile Name :   | 083SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 5989.95 | 6000.27 | 6049.90 | 6013.37    | 0.53    | ppb   |
| Antimony   | 121-1 | 0.01    | 0.03    | 0.03    | 0.02       | 42.56   | ppb   |
| Arsenic    | 75-2  | 0.57    | 0.67    | 0.56    | 0.60       | 10.36   | ppb   |
| Barium     | 135-1 | 197.89  | 198.85  | 195.84  | 197.53     | 0.78    | ppb   |
| Barium     | 137-1 | 200.16  | 196.69  | 196.85  | 197.90     | 0.99    | ppb   |
| Beryllium  | 9-1   | 0.70    | 0.72    | 0.74    | 0.72       | 2.61    | ppb   |
| Bismuth    | 209-1 |         |         |         | 110        |         | %     |
| Bismuth    | 209-2 |         |         |         | 103        |         | %     |
| Boron      | 10-1  | 2.93    | 3.40    | 2.63    | 2.99       | 12.99   | ppb   |
| Boron      | 11-1  | 2.63    | 2.68    | 2.99    | 2.77       | 7.00    | ppb   |
| Cadmium    | 111-1 | 0.03    | -0.01   | -0.13   | -0.04      |         | ppb   |
| Cadmium    | 106-1 | 0.56    | -0.19   | -1.72   | -0.45      |         | ppb   |
| Cadmium    | 108-1 | 0.37    | 0.25    | 0.15    | 0.26       | 42.95   | ppb   |
| Calcium    | 43-1  | 940.19  | 932.95  | 909.07  | 927.40     | 1.76    | ppb   |
| Calcium    | 44-1  | 924.59  | 914.43  | 920.87  | 919.96     | 0.56    | ppb   |
| Chromium   | 52-2  | 15.75   | 15.69   | 15.96   | 15.80      | 0.90    | ppb   |
| Cobalt     | 59-2  | 3.17    | 3.15    | 3.07    | 3.13       | 1.65    | ppb   |
| Copper     | 63-2  | 4.78    | 4.81    | 4.82    | 4.81       | 0.42    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 111        |         | %     |
| Holmium    | 165-2 |         |         |         | 109        |         | %     |
| Indium     | 115-1 |         |         |         | 111        |         | %     |
| Indium     | 115-2 |         |         |         | 109        |         | %     |
| Iron       | 56-2  | 3508.79 | 3480.97 | 3502.86 | 3497.54    | 0.42    | ppb   |
| Iron       | 57-2  | 3354.87 | 3343.88 | 3350.78 | 3349.84    | 0.17    | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 5.49    | 5.56    | 5.39    | 5.48       | 1.58    | ppb   |
| Lead       | 207-1 | 4.99    | 5.01    | 4.90    | 4.97       | 1.20    | ppb   |
| Lead       | 208-1 | 5.20    | 5.24    | 5.18    | 5.21       | 0.57    | ppb   |
| Lithium    | 6-1   |         |         |         | 105        |         | %     |
| Magnesium  | 24-2  | 1325.39 | 1338.15 | 1318.19 | 1327.24    | 0.76    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2986-01DL2X25      | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-19(6.5-7)DL2   | Dilution Factor : | 25        |
| Date & Time Acquired :: | 2019-05-29 17:45:23 | DataFile Name :   | 083SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 16.73    | 17.00    | 16.70    | 16.81      | 0.98    | ppb   |
| Molybdenum | 94-1  | 3.94     | 4.00     | 3.79     | 3.91       | 2.83    | ppb   |
| Molybdenum | 95-1  | 0.04     | 0.03     | 0.05     | 0.04       | 22.56   | ppb   |
| Molybdenum | 96-1  | 0.54     | 0.54     | 0.52     | 0.54       | 2.08    | ppb   |
| Molybdenum | 97-1  | 0.03     | 0.04     | 0.04     | 0.04       | 9.41    | ppb   |
| Molybdenum | 98-1  | 0.03     | 0.03     | 0.03     | 0.03       | 6.64    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 8.67     | 8.54     | 8.48     | 8.56       | 1.16    | ppb   |
| Phosphorus | 31-2  | -17.82   | -19.58   | -16.00   | -17.80     |         | ppb   |
| Potassium  | 39-2  | 132.08   | 128.44   | 136.93   | 132.48     | 3.21    | ppb   |
| Rhodium    | 103-1 |          |          |          | 109        |         | %     |
| Rhodium    | 103-2 |          |          |          | 107        |         | %     |
| Scandium   | 45-1  |          |          |          | 111        |         | %     |
| Scandium   | 45-2  |          |          |          | 109        |         | %     |
| Selenium   | 77-2  | 9.30     | 6.20     | 4.27     | 6.59       | 38.53   | ppb   |
| Selenium   | 78-2  | 0.85     | 1.62     | 0.98     | 1.15       | 35.68   | ppb   |
| Selenium   | 82-1  | 0.24     | 0.68     | 0.35     | 0.42       | 53.28   | ppb   |
| Silicon    | 28-1  | 963.70   | 959.32   | 970.51   | 964.51     | 0.58    | ppb   |
| Silver     | 109-1 | 0.01     | 0.01     | 0.01     | 0.01       | 26.24   | ppb   |
| Silver     | 107-1 | 0.02     | 0.02     | 0.02     | 0.02       | 7.70    | ppb   |
| Sodium     | 23-2  | 199.13   | 202.50   | 205.39   | 202.34     | 1.55    | ppb   |
| Strontium  | 86-1  | 6.30     | 6.00     | 6.21     | 6.17       | 2.47    | ppb   |
| Strontium  | 88-1  | 6.23     | 6.32     | 6.11     | 6.22       | 1.68    | ppb   |
| Sulfur     | 34-1  | -2098.91 | -2222.19 | -2201.93 | -2174.35   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 111        |         | %     |
| Terbium    | 159-2 |          |          |          | 110        |         | %     |
| Thallium   | 203-1 | 0.04     | 0.05     | 0.05     | 0.05       | 4.17    | ppb   |
| Thallium   | 205-1 | 0.06     | 0.05     | 0.06     | 0.05       | 6.56    | ppb   |
| Thorium    | 232-1 | 2.86     | 2.84     | 2.80     | 2.83       | 1.24    | ppb   |
| Tin        | 118-1 | 0.03     | 0.02     | 0.01     | 0.02       | 56.09   | ppb   |
| Titanium   | 47-1  | 12.84    | 12.81    | 12.87    | 12.84      | 0.21    | ppb   |
| Uranium    | 238-1 | 0.50     | 0.49     | 0.50     | 0.50       | 1.76    | ppb   |
| Vanadium   | 51-2  | 13.13    | 13.22    | 13.02    | 13.13      | 0.76    | ppb   |
| Yttrium    | 89-1  |          |          |          | 115        |         | %     |
| Yttrium    | 89-2  |          |          |          | 114        |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2986-01DL2X25      | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-19(6.5-7)DL2   | Dilution Factor : | 25        |
| Date & Time Acquired :: | 2019-05-29 17:45:23 | DataFile Name :   | 083SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 18.38   | 19.27   | 18.75   | 18.80      | 2.36    | ppb   |
| Zirconium | 90-1 | 2.44    | 2.49    | 2.51    | 2.48       | 1.29    | ppb   |
| Zirconium | 91-1 | 2.53    | 2.59    | 2.47    | 2.53       | 2.51    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2986-03DL2X25      | Instrumnet Name : | P7        |
| Client Sample ID :      | FEQC-052119DL2      | Dilution Factor : | 25        |
| Date & Time Acquired :: | 2019-05-29 17:48:59 | DataFile Name :   | 084SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 4255.30 | 4258.48 | 4193.64 | 4235.81    | 0.86    | ppb   |
| Antimony   | 121-1 | 0.02    | 0.01    | 0.03    | 0.02       | 32.57   | ppb   |
| Arsenic    | 75-2  | 0.43    | 0.53    | 0.43    | 0.47       | 12.18   | ppb   |
| Barium     | 135-1 | 94.56   | 94.27   | 93.07   | 93.97      | 0.84    | ppb   |
| Barium     | 137-1 | 94.52   | 94.55   | 93.29   | 94.12      | 0.77    | ppb   |
| Beryllium  | 9-1   | 0.35    | 0.40    | 0.40    | 0.38       | 7.02    | ppb   |
| Bismuth    | 209-1 |         |         |         | 108        |         | %     |
| Bismuth    | 209-2 |         |         |         | 102        |         | %     |
| Boron      | 10-1  | 2.25    | 2.63    | 1.53    | 2.14       | 26.11   | ppb   |
| Boron      | 11-1  | 2.57    | 2.36    | 2.36    | 2.43       | 5.01    | ppb   |
| Cadmium    | 111-1 | -0.07   | -0.01   | -0.07   | -0.05      |         | ppb   |
| Cadmium    | 106-1 | -0.88   | 0.09    | -0.92   | -0.57      |         | ppb   |
| Cadmium    | 108-1 | 0.41    | 0.65    | 0.33    | 0.46       | 36.56   | ppb   |
| Calcium    | 43-1  | 595.47  | 609.12  | 591.63  | 598.74     | 1.53    | ppb   |
| Calcium    | 44-1  | 604.82  | 605.77  | 607.55  | 606.04     | 0.23    | ppb   |
| Chromium   | 52-2  | 14.83   | 14.54   | 14.34   | 14.57      | 1.69    | ppb   |
| Cobalt     | 59-2  | 2.71    | 2.77    | 2.62    | 2.70       | 2.79    | ppb   |
| Copper     | 63-2  | 8.60    | 8.60    | 8.55    | 8.58       | 0.35    | 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 |         |         |         | 109        |         | %     |
| Holmium    | 165-2 |         |         |         | 109        |         | %     |
| Indium     | 115-1 |         |         |         | 109        |         | %     |
| Indium     | 115-2 |         |         |         | 109        |         | %     |
| Iron       | 56-2  | 3160.45 | 3147.51 | 3121.51 | 3143.16    | 0.63    | ppb   |
| Iron       | 57-2  | 3008.35 | 2997.80 | 2970.77 | 2992.31    | 0.65    | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 4.25    | 4.39    | 4.38    | 4.34       | 1.81    | ppb   |
| Lead       | 207-1 | 3.98    | 3.96    | 4.02    | 3.99       | 0.67    | ppb   |
| Lead       | 208-1 | 4.14    | 4.14    | 4.17    | 4.15       | 0.44    | ppb   |
| Lithium    | 6-1   |         |         |         | 104        |         | %     |
| Magnesium  | 24-2  | 1290.94 | 1293.40 | 1281.03 | 1288.46    | 0.51    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2986-03DL2X25      | Instrumnet Name : | P7        |
| Client Sample ID :      | FEQC-052119DL2      | Dilution Factor : | 25        |
| Date & Time Acquired :: | 2019-05-29 17:48:59 | DataFile Name :   | 084SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 22.40    | 22.73    | 21.83    | 22.32      | 2.06    | ppb   |
| Molybdenum | 94-1  | 6.40     | 6.70     | 6.59     | 6.56       | 2.31    | ppb   |
| Molybdenum | 95-1  | 0.03     | 0.02     | 0.04     | 0.03       | 33.60   | ppb   |
| Molybdenum | 96-1  | 0.84     | 0.83     | 0.88     | 0.85       | 3.36    | ppb   |
| Molybdenum | 97-1  | 0.03     | 0.03     | 0.04     | 0.03       | 16.67   | ppb   |
| Molybdenum | 98-1  | 0.03     | 0.02     | 0.04     | 0.03       | 34.58   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 7.43     | 7.26     | 7.29     | 7.33       | 1.24    | ppb   |
| Phosphorus | 31-2  | 9.92     | 11.43    | 19.35    | 13.56      | 37.34   | ppb   |
| Potassium  | 39-2  | 144.73   | 149.07   | 146.80   | 146.87     | 1.48    | ppb   |
| Rhodium    | 103-1 |          |          |          | 109        |         | %     |
| Rhodium    | 103-2 |          |          |          | 108        |         | %     |
| Scandium   | 45-1  |          |          |          | 110        |         | %     |
| Scandium   | 45-2  |          |          |          | 109        |         | %     |
| Selenium   | 77-2  | 3.14     | 3.16     | 2.74     | 3.01       | 7.86    | ppb   |
| Selenium   | 78-2  | 1.33     | 0.45     | 1.52     | 1.10       | 52.06   | ppb   |
| Selenium   | 82-1  | 0.64     | 0.39     | 0.47     | 0.50       | 25.74   | ppb   |
| Silicon    | 28-1  | 698.58   | 691.31   | 690.72   | 693.54     | 0.63    | ppb   |
| Silver     | 109-1 | 0.03     | 0.02     | 0.01     | 0.02       | 38.39   | ppb   |
| Silver     | 107-1 | 0.02     | 0.02     | 0.02     | 0.02       | 26.28   | ppb   |
| Sodium     | 23-2  | 115.81   | 113.39   | 111.22   | 113.47     | 2.02    | ppb   |
| Strontium  | 86-1  | 3.40     | 3.51     | 3.84     | 3.58       | 6.33    | ppb   |
| Strontium  | 88-1  | 3.77     | 3.71     | 3.75     | 3.74       | 0.81    | ppb   |
| Sulfur     | 34-1  | -1976.87 | -2104.06 | -2209.73 | -2096.89   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 110        |         | %     |
| Terbium    | 159-2 |          |          |          | 110        |         | %     |
| Thallium   | 203-1 | 0.05     | 0.03     | 0.04     | 0.04       | 19.95   | ppb   |
| Thallium   | 205-1 | 0.03     | 0.03     | 0.04     | 0.03       | 10.04   | ppb   |
| Thorium    | 232-1 | 2.10     | 2.09     | 2.10     | 2.10       | 0.46    | ppb   |
| Tin        | 118-1 | 0.05     | 0.04     | 0.03     | 0.04       | 21.50   | ppb   |
| Titanium   | 47-1  | 59.75    | 61.37    | 61.08    | 60.73      | 1.42    | ppb   |
| Uranium    | 238-1 | 0.67     | 0.63     | 0.62     | 0.64       | 3.34    | ppb   |
| Vanadium   | 51-2  | 13.11    | 13.27    | 13.30    | 13.23      | 0.77    | ppb   |
| Yttrium    | 89-1  |          |          |          | 113        |         | %     |
| Yttrium    | 89-2  |          |          |          | 112        |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2986-03DL2X25      | Instrumnet Name : | P7        |
| Client Sample ID :      | FEQC-052119DL2      | Dilution Factor : | 25        |
| Date & Time Acquired :: | 2019-05-29 17:48:59 | DataFile Name :   | 084SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 22.31   | 22.49   | 23.17   | 22.66      | 1.99    | ppb   |
| Zirconium | 90-1 | 4.09    | 4.13    | 4.03    | 4.08       | 1.29    | ppb   |
| Zirconium | 91-1 | 4.18    | 4.21    | 4.42    | 4.27       | 3.14    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB103076            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV23               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV23               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2019-05-29 17:54:50 | DataFile Name :   | 085CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 55993.04  | 56074.27  | 55483.70  | 55850.34   | 0.57    | ppb   |
| Antimony   | 121-1 | 492.41    | 466.54    | 568.74    | 509.23     | 10.43   | ppb   |
| Arsenic    | 75-2  | 530.23    | 524.77    | 524.22    | 526.40     | 0.63    | ppb   |
| Barium     | 135-1 | 2505.98   | 2370.62   | 2893.75   | 2590.12    | 10.48   | ppb   |
| Barium     | 137-1 | 2585.44   | 2441.16   | 2984.45   | 2670.35    | 10.54   | ppb   |
| Beryllium  | 9-1   | 512.16    | 484.27    | 574.26    | 523.57     | 8.80    | ppb   |
| Bismuth    | 209-1 |           |           |           | 92         |         | %     |
| Bismuth    | 209-2 |           |           |           | 86         |         | %     |
| Boron      | 10-1  | 482.62    | 470.75    | 556.85    | 503.41     | 9.27    | ppb   |
| Boron      | 11-1  | 490.19    | 470.66    | 564.61    | 508.49     | 9.75    | ppb   |
| Cadmium    | 111-1 | 474.57    | 448.85    | 542.43    | 488.61     | 9.89    | ppb   |
| Cadmium    | 106-1 | 481.18    | 464.92    | 556.29    | 500.80     | 9.73    | ppb   |
| Cadmium    | 108-1 | 486.01    | 457.11    | 563.15    | 502.09     | 10.92   | ppb   |
| Calcium    | 43-1  | 245898.30 | 221109.63 | 282782.73 | 249930.22  | 12.42   | ppb   |
| Calcium    | 44-1  | 246472.11 | 223350.28 | 284930.66 | 251584.35  | 12.36   | ppb   |
| Chromium   | 52-2  | 491.37    | 491.57    | 486.74    | 489.89     | 0.56    | ppb   |
| Cobalt     | 59-2  | 482.15    | 488.37    | 478.90    | 483.14     | 1.00    | ppb   |
| Copper     | 63-2  | 977.38    | 980.22    | 974.31    | 977.30     | 0.30    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 102        |         | %     |
| Holmium    | 165-2 |           |           |           | 100        |         | %     |
| Indium     | 115-1 |           |           |           | 93         |         | %     |
| Indium     | 115-2 |           |           |           | 92         |         | %     |
| Iron       | 56-2  | 131953.79 | 132121.15 | 130633.44 | 131569.46  | 0.62    | ppb   |
| Iron       | 57-2  | 131271.76 | 132481.67 | 130709.47 | 131487.63  | 0.69    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 493.44    | 466.56    | 566.84    | 508.95     | 10.20   | ppb   |
| Lead       | 207-1 | 497.31    | 466.90    | 570.72    | 511.64     | 10.43   | ppb   |
| Lead       | 208-1 | 503.07    | 472.90    | 579.08    | 518.35     | 10.56   | ppb   |
| Lithium    | 6-1   |           |           |           | 92         |         | %     |
| Magnesium  | 24-2  | 258546.89 | 259352.63 | 258890.48 | 258930.00  | 0.16    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB103076            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV23               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV23               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2019-05-29 17:54:50 | DataFile Name :   | 085CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 968.89    | 977.28    | 966.87    | 971.01     | 0.57    | ppb   |
| Molybdenum | 94-1  | 2528.93   | 2376.32   | 2913.97   | 2606.41    | 10.63   | ppb   |
| Molybdenum | 95-1  | 2535.83   | 2373.93   | 2913.03   | 2607.60    | 10.61   | ppb   |
| Molybdenum | 96-1  | 2541.16   | 2395.75   | 2918.87   | 2618.59    | 10.31   | ppb   |
| Molybdenum | 97-1  | 2540.54   | 2405.42   | 2914.20   | 2620.05    | 10.06   | ppb   |
| Molybdenum | 98-1  | 2525.66   | 2387.68   | 2897.80   | 2603.72    | 10.13   | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 477.79    | 481.86    | 476.05    | 478.57     | 0.62    | ppb   |
| Phosphorus | 31-2  | 9656.29   | 9963.77   | 9726.25   | 9782.11    | 1.65    | ppb   |
| Potassium  | 39-2  | 131337.36 | 131620.89 | 130697.27 | 131218.51  | 0.36    | ppb   |
| Rhodium    | 103-1 |           |           |           | 88         |         | %     |
| Rhodium    | 103-2 |           |           |           | 88         |         | %     |
| Scandium   | 45-1  |           |           |           | 94         |         | %     |
| Scandium   | 45-2  |           |           |           | 95         |         | %     |
| Selenium   | 77-2  | 525.14    | 515.40    | 544.16    | 528.23     | 2.77    | ppb   |
| Selenium   | 78-2  | 520.80    | 505.10    | 502.67    | 509.52     | 1.93    | ppb   |
| Selenium   | 82-1  | 507.93    | 471.90    | 573.91    | 517.91     | 9.99    | ppb   |
| Silicon    | 28-1  | 534.00    | 480.70    | 620.73    | 545.15     | 12.97   | ppb   |
| Silver     | 109-1 | 486.22    | 454.36    | 559.32    | 499.97     | 10.76   | ppb   |
| Silver     | 107-1 | 478.27    | 453.57    | 557.08    | 496.31     | 10.89   | ppb   |
| Sodium     | 23-2  | 258561.14 | 259193.93 | 257935.97 | 258563.68  | 0.24    | ppb   |
| Strontium  | 86-1  | 494.20    | 461.78    | 564.18    | 506.72     | 10.33   | ppb   |
| Strontium  | 88-1  | 502.83    | 469.31    | 577.62    | 516.59     | 10.73   | ppb   |
| Sulfur     | 34-1  | 10541.21  | 8689.03   | 13008.12  | 10746.12   | 20.16   | ppb   |
| Terbium    | 159-1 |           |           |           | 101        |         | %     |
| Terbium    | 159-2 |           |           |           | 99         |         | %     |
| Thallium   | 203-1 | 491.61    | 463.76    | 566.87    | 507.41     | 10.51   | ppb   |
| Thallium   | 205-1 | 511.47    | 482.68    | 593.14    | 529.10     | 10.83   | ppb   |
| Thorium    | 232-1 | 513.84    | 482.33    | 590.32    | 528.83     | 10.50   | ppb   |
| Tin        | 118-1 | 495.74    | 470.28    | 578.43    | 514.81     | 10.98   | ppb   |
| Titanium   | 47-1  | 2554.72   | 2290.52   | 2922.89   | 2589.38    | 12.27   | ppb   |
| Uranium    | 238-1 | 507.42    | 474.81    | 586.35    | 522.86     | 10.97   | ppb   |
| Vanadium   | 51-2  | 494.64    | 497.36    | 491.79    | 494.60     | 0.56    | ppb   |
| Yttrium    | 89-1  |           |           |           | 97         |         | %     |
| Yttrium    | 89-2  |           |           |           | 96         |         | %     |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB103076            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV23               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV23               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2019-05-29 17:54:50 | DataFile Name :   | 085CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 971.30  | 978.40  | 967.35  | 972.35     | 0.58    | ppb   |
| Zirconium | 90-1 | 508.39  | 476.79  | 583.60  | 522.93     | 10.49   | ppb   |
| Zirconium | 91-1 | 492.58  | 467.49  | 567.24  | 509.10     | 10.19   | ppb   |



LB Number : LB103076 Operator : Jaswal  
 Lab Sample ID : CCB23 Instrumnet Name : P7  
 Client Sample ID : CCB23 Dilution Factor : 1  
 Date & Time Acquired :: 2019-05-29 17:58:28 DataFile Name : 086CCBE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 2.88    | 2.11    | 1.21    | 2.07       | 40.34   | ppb   |
| Antimony   | 121-1 | 0.41    | 0.39    | 0.45    | 0.41       | 6.78    | ppb   |
| Arsenic    | 75-2  | 0.09    | 0.06    | 0.10    | 0.08       | 23.66   | ppb   |
| Barium     | 135-1 | 0.15    | 0.17    | 0.13    | 0.15       | 10.32   | ppb   |
| Barium     | 137-1 | 0.22    | 0.14    | 0.15    | 0.17       | 26.98   | ppb   |
| Beryllium  | 9-1   | 0.11    | 0.08    | 0.09    | 0.09       | 14.03   | ppb   |
| Bismuth    | 209-1 |         |         |         | 108        |         | %     |
| Bismuth    | 209-2 |         |         |         | 98         |         | %     |
| Boron      | 10-1  | 16.54   | 14.88   | 13.17   | 14.86      | 11.34   | ppb   |
| Boron      | 11-1  | 16.97   | 14.99   | 14.31   | 15.42      | 8.98    | ppb   |
| Cadmium    | 111-1 | -0.03   | 0.02    | 0.13    | 0.04       | 206.08  | ppb   |
| Cadmium    | 106-1 | -0.84   | -0.36   | 0.97    | -0.08      |         | ppb   |
| Cadmium    | 108-1 | -0.02   | 0.01    | -0.02   | -0.01      |         | ppb   |
| Calcium    | 43-1  | 15.07   | 16.22   | 19.17   | 16.82      | 12.57   | ppb   |
| Calcium    | 44-1  | 17.11   | 15.52   | 12.70   | 15.11      | 14.77   | ppb   |
| Chromium   | 52-2  | 0.02    | 0.02    | 0.00    | 0.01       | 119.21  | ppb   |
| Cobalt     | 59-2  | 0.02    | 0.01    | 0.01    | 0.01       | 21.99   | ppb   |
| Copper     | 63-2  | 0.08    | 0.06    | 0.02    | 0.05       | 58.28   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 107        |         | %     |
| Holmium    | 165-2 |         |         |         | 104        |         | %     |
| Indium     | 115-1 |         |         |         | 107        |         | %     |
| Indium     | 115-2 |         |         |         | 103        |         | %     |
| Iron       | 56-2  | 6.89    | 5.23    | 4.25    | 5.46       | 24.50   | ppb   |
| Iron       | 57-2  | 8.37    | 8.39    | 4.36    | 7.04       | 33.00   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.09    | 0.06    | 0.06    | 0.07       | 22.07   | ppb   |
| Lead       | 207-1 | 0.07    | 0.07    | 0.04    | 0.06       | 24.84   | ppb   |
| Lead       | 208-1 | 0.08    | 0.07    | 0.07    | 0.07       | 9.23    | ppb   |
| Lithium    | 6-1   |         |         |         | 103        |         | %     |
| Magnesium  | 24-2  | 11.27   | 7.53    | 7.53    | 8.78       | 24.59   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB23               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB23               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 17:58:28 | DataFile Name :   | 086CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 0.06    | 0.01    | 0.03    | 0.03       | 81.85   | ppb   |
| Molybdenum | 94-1  | 0.55    | 0.46    | 0.37    | 0.46       | 19.22   | ppb   |
| Molybdenum | 95-1  | 0.64    | 0.60    | 0.52    | 0.59       | 10.40   | ppb   |
| Molybdenum | 96-1  | 0.56    | 0.52    | 0.55    | 0.55       | 3.37    | ppb   |
| Molybdenum | 97-1  | 0.63    | 0.50    | 0.51    | 0.54       | 13.62   | ppb   |
| Molybdenum | 98-1  | 0.61    | 0.57    | 0.43    | 0.53       | 17.56   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.02   | 0.02    | -0.03   | -0.01      |         | ppb   |
| Phosphorus | 31-2  | -36.90  | -28.96  | -41.43  | -35.76     |         | ppb   |
| Potassium  | 39-2  | 28.75   | 19.75   | 14.16   | 20.89      | 35.23   | ppb   |
| Rhodium    | 103-1 |         |         |         | 105        |         | %     |
| Rhodium    | 103-2 |         |         |         | 103        |         | %     |
| Scandium   | 45-1  |         |         |         | 105        |         | %     |
| Scandium   | 45-2  |         |         |         | 102        |         | %     |
| Selenium   | 77-2  | 0.44    | 0.00    | 0.00    | 0.15       | 173.21  | ppb   |
| Selenium   | 78-2  | 0.65    | 0.08    | -0.29   | 0.15       | 319.07  | ppb   |
| Selenium   | 82-1  | 0.08    | 0.09    | 0.18    | 0.12       | 49.37   | ppb   |
| Silicon    | 28-1  | 1.22    | 0.96    | 1.16    | 1.11       | 12.12   | ppb   |
| Silver     | 109-1 | 0.06    | 0.03    | 0.05    | 0.05       | 36.30   | ppb   |
| Silver     | 107-1 | 0.05    | 0.06    | 0.03    | 0.05       | 29.57   | ppb   |
| Sodium     | 23-2  | 48.72   | 42.52   | 40.42   | 43.89      | 9.84    | ppb   |
| Strontium  | 86-1  | -0.01   | 0.02    | 0.00    | 0.00       | 4875.83 | ppb   |
| Strontium  | 88-1  | 0.04    | 0.03    | 0.02    | 0.03       | 20.39   | ppb   |
| Sulfur     | 34-1  | -291.19 | -223.54 | -186.17 | -233.63    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 107        |         | %     |
| Terbium    | 159-2 |         |         |         | 104        |         | %     |
| Thallium   | 203-1 | 0.10    | 0.08    | 0.06    | 0.08       | 23.11   | ppb   |
| Thallium   | 205-1 | 0.09    | 0.09    | 0.07    | 0.08       | 9.32    | ppb   |
| Thorium    | 232-1 | 0.16    | 0.14    | 0.11    | 0.14       | 17.74   | ppb   |
| Tin        | 118-1 | 0.21    | 0.19    | 0.21    | 0.20       | 6.00    | ppb   |
| Titanium   | 47-1  | 0.25    | 0.29    | 0.26    | 0.27       | 8.16    | ppb   |
| Uranium    | 238-1 | 0.03    | 0.03    | 0.02    | 0.03       | 15.58   | ppb   |
| Vanadium   | 51-2  | 0.02    | 0.02    | 0.01    | 0.02       | 9.81    | ppb   |
| Yttrium    | 89-1  |         |         |         | 106        |         | %     |
| Yttrium    | 89-2  |         |         |         | 104        |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB23               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB23               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 17:58:28 | DataFile Name :   | 086CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 0.11    | 0.25    | 0.16    | 0.17       | 40.52   | ppb   |
| Zirconium | 90-1 | 0.06    | 0.06    | 0.06    | 0.06       | 2.91    | ppb   |
| Zirconium | 91-1 | 0.08    | 0.10    | 0.06    | 0.08       | 22.91   | ppb   |

LB Number : LB103076 Operator : Jaswal  
 Lab Sample ID : PB120045BL Instrumnet Name : P7  
 Client Sample ID : PB120045BL Dilution Factor : 1  
 Date & Time Acquired :: 2019-05-29 18:12:02 DataFile Name : 087CCBE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.20   | 0.50    | 0.06    | 0.12       | 299.58  | ppb   |
| Antimony   | 121-1 | 0.06    | 0.08    | 0.07    | 0.07       | 11.24   | ppb   |
| Arsenic    | 75-2  | 0.01    | 0.00    | 0.02    | 0.01       | 81.21   | ppb   |
| Barium     | 135-1 | 0.01    | 0.02    | 0.00    | 0.01       | 72.30   | ppb   |
| Barium     | 137-1 | 0.01    | 0.02    | 0.01    | 0.01       | 66.03   | ppb   |
| Beryllium  | 9-1   | 0.03    | 0.03    | 0.02    | 0.02       | 32.40   | ppb   |
| Bismuth    | 209-1 |         |         |         | 106        |         | %     |
| Bismuth    | 209-2 |         |         |         | 101        |         | %     |
| Boron      | 10-1  | 1.45    | 1.54    | 1.91    | 1.63       | 14.93   | ppb   |
| Boron      | 11-1  | 2.08    | 2.11    | 1.96    | 2.05       | 3.69    | ppb   |
| Cadmium    | 111-1 | -0.22   | -0.09   | -0.01   | -0.11      |         | ppb   |
| Cadmium    | 106-1 | -2.80   | -1.17   | -0.15   | -1.37      |         | ppb   |
| Cadmium    | 108-1 | 0.06    | 0.01    | -0.02   | 0.01       | 285.70  | ppb   |
| Calcium    | 43-1  | 1.65    | 1.97    | 2.26    | 1.96       | 15.69   | ppb   |
| Calcium    | 44-1  | 2.26    | 2.27    | 0.35    | 1.63       | 67.78   | ppb   |
| Chromium   | 52-2  | 0.02    | 0.00    | 0.01    | 0.01       | 86.34   | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.01    | 0.01       | 17.82   | ppb   |
| Copper     | 63-2  | 0.03    | 0.03    | 0.01    | 0.02       | 38.72   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 107        |         | %     |
| Holmium    | 165-2 |         |         |         | 107        |         | %     |
| Indium     | 115-1 |         |         |         | 110        |         | %     |
| Indium     | 115-2 |         |         |         | 109        |         | %     |
| Iron       | 56-2  | 0.55    | 0.41    | 0.60    | 0.52       | 18.39   | ppb   |
| Iron       | 57-2  | 0.94    | 1.49    | 0.95    | 1.12       | 28.24   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.02    | 0.02    | 0.03    | 0.02       | 11.30   | ppb   |
| Lead       | 207-1 | 0.03    | 0.01    | 0.02    | 0.02       | 63.50   | ppb   |
| Lead       | 208-1 | 0.02    | 0.01    | 0.02    | 0.02       | 26.14   | ppb   |
| Lithium    | 6-1   |         |         |         | 108        |         | %     |
| Magnesium  | 24-2  | 0.99    | 0.45    | 1.03    | 0.82       | 38.97   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | PB120045BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB120045BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 18:12:02 | DataFile Name :   | 087CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 0.00    | 0.03    | 0.04    | 0.02       | 82.22   | ppb   |
| Molybdenum | 94-1  | 0.04    | -0.01   | 0.02    | 0.02       | 136.04  | ppb   |
| Molybdenum | 95-1  | 0.02    | 0.04    | 0.03    | 0.03       | 26.59   | ppb   |
| Molybdenum | 96-1  | 0.05    | 0.02    | 0.04    | 0.04       | 38.40   | ppb   |
| Molybdenum | 97-1  | 0.01    | 0.02    | 0.03    | 0.02       | 41.25   | ppb   |
| Molybdenum | 98-1  | 0.02    | 0.02    | 0.02    | 0.02       | 20.82   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.01   | -0.02   | 0.02    | -0.01      |         | ppb   |
| Phosphorus | 31-2  | -33.59  | -40.39  | -47.27  | -40.42     |         | ppb   |
| Potassium  | 39-2  | 5.33    | 3.37    | 2.85    | 3.85       | 34.03   | ppb   |
| Rhodium    | 103-1 |         |         |         | 109        |         | %     |
| Rhodium    | 103-2 |         |         |         | 108        |         | %     |
| Scandium   | 45-1  |         |         |         | 111        |         | %     |
| Scandium   | 45-2  |         |         |         | 110        |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.10    | 0.77    | 0.23    | 0.37       | 96.45   | ppb   |
| Selenium   | 82-1  | 0.14    | -0.23   | 0.15    | 0.02       | 988.54  | ppb   |
| Silicon    | 28-1  | 0.62    | 1.01    | 0.05    | 0.56       | 86.83   | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.01    | 0.00       | 26.30   | ppb   |
| Silver     | 107-1 | 0.00    | 0.01    | 0.00    | 0.00       | 86.52   | ppb   |
| Sodium     | 23-2  | 10.15   | 10.90   | 10.44   | 10.50      | 3.60    | ppb   |
| Strontium  | 86-1  | -0.02   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sulfur     | 34-1  | -240.09 | -253.45 | -265.75 | -253.10    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 108        |         | %     |
| Terbium    | 159-2 |         |         |         | 108        |         | %     |
| Thallium   | 203-1 | 0.00    | 0.01    | 0.01    | 0.01       | 32.43   | ppb   |
| Thallium   | 205-1 | 0.00    | 0.01    | 0.00    | 0.00       | 70.72   | ppb   |
| Thorium    | 232-1 | 0.01    | 0.02    | 0.01    | 0.01       | 7.43    | ppb   |
| Tin        | 118-1 | 0.03    | 0.01    | 0.02    | 0.02       | 42.24   | ppb   |
| Titanium   | 47-1  | 0.01    | 0.02    | 0.01    | 0.02       | 25.39   | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Yttrium    | 89-1  |         |         |         | 110        |         | %     |
| Yttrium    | 89-2  |         |         |         | 109        |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | PB120045BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB120045BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 18:12:02 | DataFile Name :   | 087CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 0.83    | 0.62    | 0.48    | 0.64       | 27.39   | ppb   |
| Zirconium | 90-1 | 0.01    | 0.01    | 0.01    | 0.01       | 27.65   | ppb   |
| Zirconium | 91-1 | 0.01    | 0.01    | 0.00    | 0.01       | 154.45  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | PB120045BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB120045BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 18:15:39 | DataFile Name :   | 088LCS6.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 10174.77 | 10157.23 | 10060.35 | 10130.78   | 0.61    | ppb   |
| Antimony   | 121-1 | 521.80   | 525.36   | 524.80   | 523.99     | 0.37    | ppb   |
| Arsenic    | 75-2  | 505.31   | 509.34   | 510.64   | 508.43     | 0.55    | ppb   |
| Barium     | 135-1 | 2602.31  | 2621.46  | 2585.88  | 2603.22    | 0.68    | ppb   |
| Barium     | 137-1 | 2673.84  | 2705.46  | 2687.93  | 2689.08    | 0.59    | ppb   |
| Beryllium  | 9-1   | 524.48   | 521.86   | 518.27   | 521.54     | 0.60    | ppb   |
| Bismuth    | 209-1 |          |          |          | 102        |         | %     |
| Bismuth    | 209-2 |          |          |          | 94         |         | %     |
| Boron      | 10-1  | 492.27   | 510.36   | 506.24   | 502.96     | 1.89    | ppb   |
| Boron      | 11-1  | 498.00   | 499.52   | 512.35   | 503.29     | 1.57    | ppb   |
| Cadmium    | 111-1 | 466.14   | 468.19   | 462.48   | 465.60     | 0.62    | ppb   |
| Cadmium    | 106-1 | 480.58   | 471.12   | 468.30   | 473.33     | 1.36    | ppb   |
| Cadmium    | 108-1 | 471.87   | 473.48   | 465.68   | 470.34     | 0.88    | ppb   |
| Calcium    | 43-1  | 50824.97 | 50607.92 | 50572.48 | 50668.45   | 0.27    | ppb   |
| Calcium    | 44-1  | 51437.18 | 51522.16 | 51002.17 | 51320.50   | 0.54    | ppb   |
| Chromium   | 52-2  | 508.54   | 507.12   | 498.74   | 504.80     | 1.05    | ppb   |
| Cobalt     | 59-2  | 510.45   | 510.38   | 504.09   | 508.31     | 0.72    | ppb   |
| Copper     | 63-2  | 942.46   | 940.89   | 941.31   | 941.55     | 0.09    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 106        |         | %     |
| Holmium    | 165-2 |          |          |          | 102        |         | %     |
| Indium     | 115-1 |          |          |          | 100        |         | %     |
| Indium     | 115-2 |          |          |          | 96         |         | %     |
| Iron       | 56-2  | 28393.51 | 28198.30 | 28001.10 | 28197.64   | 0.70    | ppb   |
| Iron       | 57-2  | 27559.86 | 27345.12 | 27149.68 | 27351.55   | 0.75    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 498.32   | 496.59   | 494.09   | 496.33     | 0.43    | ppb   |
| Lead       | 207-1 | 499.02   | 500.04   | 497.97   | 499.01     | 0.21    | ppb   |
| Lead       | 208-1 | 505.98   | 505.48   | 504.85   | 505.44     | 0.11    | ppb   |
| Lithium    | 6-1   |          |          |          | 97         |         | %     |
| Magnesium  | 24-2  | 55505.34 | 55235.09 | 54580.88 | 55107.10   | 0.86    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | PB120045BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB120045BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 18:15:39 | DataFile Name :   | 088LCS6.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 1010.97  | 1011.17  | 998.90   | 1007.02    | 0.70    | ppb   |
| Molybdenum | 94-1  | 2580.63  | 2587.48  | 2589.04  | 2585.72    | 0.17    | ppb   |
| Molybdenum | 95-1  | 2585.09  | 2601.08  | 2590.69  | 2592.29    | 0.31    | ppb   |
| Molybdenum | 96-1  | 2604.89  | 2585.50  | 2594.23  | 2594.87    | 0.37    | ppb   |
| Molybdenum | 97-1  | 2587.59  | 2594.63  | 2594.46  | 2592.23    | 0.15    | ppb   |
| Molybdenum | 98-1  | 2576.41  | 2575.35  | 2582.35  | 2578.04    | 0.15    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 510.00   | 509.33   | 508.35   | 509.23     | 0.16    | ppb   |
| Phosphorus | 31-2  | 10486.45 | 10239.22 | 10146.43 | 10290.70   | 1.71    | ppb   |
| Potassium  | 39-2  | 27440.81 | 27103.28 | 26802.49 | 27115.53   | 1.18    | ppb   |
| Rhodium    | 103-1 |          |          |          | 96         |         | %     |
| Rhodium    | 103-2 |          |          |          | 93         |         | %     |
| Scandium   | 45-1  |          |          |          | 99         |         | %     |
| Scandium   | 45-2  |          |          |          | 94         |         | %     |
| Selenium   | 77-2  | 534.46   | 470.37   | 499.93   | 501.59     | 6.39    | ppb   |
| Selenium   | 78-2  | 502.32   | 508.04   | 497.85   | 502.73     | 1.02    | ppb   |
| Selenium   | 82-1  | 506.15   | 505.00   | 500.14   | 503.76     | 0.63    | ppb   |
| Silicon    | 28-1  | 530.53   | 531.82   | 532.41   | 531.59     | 0.18    | ppb   |
| Silver     | 109-1 | 479.99   | 481.67   | 478.81   | 480.16     | 0.30    | ppb   |
| Silver     | 107-1 | 479.27   | 481.54   | 477.02   | 479.28     | 0.47    | ppb   |
| Sodium     | 23-2  | 54428.19 | 54285.16 | 53709.78 | 54141.04   | 0.70    | ppb   |
| Strontium  | 86-1  | 506.56   | 505.81   | 503.26   | 505.21     | 0.34    | ppb   |
| Strontium  | 88-1  | 519.27   | 516.68   | 515.59   | 517.18     | 0.37    | ppb   |
| Sulfur     | 34-1  | 9855.90  | 9816.11  | 9770.43  | 9814.15    | 0.44    | ppb   |
| Terbium    | 159-1 |          |          |          | 105        |         | %     |
| Terbium    | 159-2 |          |          |          | 102        |         | %     |
| Thallium   | 203-1 | 496.27   | 493.19   | 494.05   | 494.50     | 0.32    | ppb   |
| Thallium   | 205-1 | 514.43   | 514.99   | 515.54   | 514.99     | 0.11    | ppb   |
| Thorium    | 232-1 | 490.51   | 497.32   | 494.55   | 494.13     | 0.69    | ppb   |
| Tin        | 118-1 | 525.68   | 527.46   | 521.92   | 525.02     | 0.54    | ppb   |
| Titanium   | 47-1  | 2543.34  | 2531.44  | 2527.50  | 2534.09    | 0.33    | ppb   |
| Uranium    | 238-1 | 483.74   | 491.04   | 487.20   | 487.33     | 0.75    | ppb   |
| Vanadium   | 51-2  | 505.81   | 509.56   | 501.23   | 505.53     | 0.83    | ppb   |
| Yttrium    | 89-1  |          |          |          | 101        |         | %     |
| Yttrium    | 89-2  |          |          |          | 97         |         | %     |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | PB120045BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB120045BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 18:15:39 | DataFile Name :   | 088LCS6.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 942.51  | 943.10  | 935.21  | 940.27     | 0.47    | ppb   |
| Zirconium | 90-1 | 516.39  | 518.00  | 516.54  | 516.98     | 0.17    | ppb   |
| Zirconium | 91-1 | 505.59  | 504.50  | 505.24  | 505.11     | 0.11    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K3032-01            | Instrumnet Name : | P7        |
| Client Sample ID :      | S32-0657            | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 18:19:16 | DataFile Name :   | 089SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 1552.55   | 1522.80   | 1552.92   | 1542.76    | 1.12    | ppb   |
| Antimony   | 121-1 | 2.30      | 2.35      | 2.34      | 2.33       | 1.14    | ppb   |
| Arsenic    | 75-2  | 3.04      | 2.59      | 2.50      | 2.71       | 10.73   | ppb   |
| Barium     | 135-1 | 20.76     | 20.43     | 20.22     | 20.47      | 1.31    | ppb   |
| Barium     | 137-1 | 20.32     | 20.76     | 20.45     | 20.51      | 1.10    | ppb   |
| Beryllium  | 9-1   | 0.14      | 0.14      | 0.09      | 0.12       | 20.82   | ppb   |
| Bismuth    | 209-1 |           |           |           | 103        |         | %     |
| Bismuth    | 209-2 |           |           |           | 90         |         | %     |
| Boron      | 10-1  | 22.14     | 19.82     | 17.08     | 19.68      | 12.87   | ppb   |
| Boron      | 11-1  | 21.62     | 19.79     | 17.47     | 19.63      | 10.60   | ppb   |
| Cadmium    | 111-1 | 0.11      | 0.02      | 0.00      | 0.04       | 143.52  | ppb   |
| Cadmium    | 106-1 | -1.87     | -2.26     | -1.60     | -1.91      |         | ppb   |
| Cadmium    | 108-1 | 0.52      | 0.49      | 0.65      | 0.55       | 15.01   | ppb   |
| Calcium    | 43-1  | 187423.31 | 188009.75 | 186442.17 | 187291.74  | 0.42    | ppb   |
| Calcium    | 44-1  | 191044.58 | 193564.50 | 191467.81 | 192025.63  | 0.70    | ppb   |
| Chromium   | 52-2  | 1.55      | 1.59      | 1.53      | 1.56       | 2.15    | ppb   |
| Cobalt     | 59-2  | 0.28      | 0.29      | 0.29      | 0.28       | 2.72    | ppb   |
| Copper     | 63-2  | 8.65      | 8.47      | 8.29      | 8.47       | 2.10    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 103        |         | %     |
| Holmium    | 165-2 |           |           |           | 94         |         | %     |
| Indium     | 115-1 |           |           |           | 98         |         | %     |
| Indium     | 115-2 |           |           |           | 88         |         | %     |
| Iron       | 56-2  | 94.13     | 94.92     | 95.96     | 95.01      | 0.96    | ppb   |
| Iron       | 57-2  | 637.56    | 626.09    | 663.43    | 642.36     | 2.98    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 1.04      | 0.81      | 0.71      | 0.85       | 20.02   | ppb   |
| Lead       | 207-1 | 1.01      | 0.80      | 0.62      | 0.81       | 24.28   | ppb   |
| Lead       | 208-1 | 1.03      | 0.80      | 0.65      | 0.83       | 23.55   | ppb   |
| Lithium    | 6-1   |           |           |           | 106        |         | %     |
| Magnesium  | 24-2  | 96.70     | 88.34     | 91.81     | 92.28      | 4.55    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K3032-01            | Instrumnet Name : | P7        |
| Client Sample ID :      | S32-0657            | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 18:19:16 | DataFile Name :   | 089SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 1.83     | 1.58     | 1.56     | 1.66       | 9.07    | ppb   |
| Molybdenum | 94-1  | 30.31    | 30.78    | 30.12    | 30.40      | 1.12    | ppb   |
| Molybdenum | 95-1  | 44.12    | 43.42    | 43.62    | 43.72      | 0.82    | ppb   |
| Molybdenum | 96-1  | 43.16    | 42.18    | 42.21    | 42.52      | 1.32    | ppb   |
| Molybdenum | 97-1  | 44.44    | 44.03    | 43.85    | 44.11      | 0.68    | ppb   |
| Molybdenum | 98-1  | 44.52    | 44.50    | 44.24    | 44.42      | 0.36    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 14.49    | 13.74    | 14.07    | 14.10      | 2.66    | ppb   |
| Phosphorus | 31-2  | -27.31   | -27.40   | -13.82   | -22.84     |         | ppb   |
| Potassium  | 39-2  | 5733.07  | 5638.53  | 5700.59  | 5690.73    | 0.84    | ppb   |
| Rhodium    | 103-1 |          |          |          | 93         |         | %     |
| Rhodium    | 103-2 |          |          |          | 87         |         | %     |
| Scandium   | 45-1  |          |          |          | 92         |         | %     |
| Scandium   | 45-2  |          |          |          | 84         |         | %     |
| Selenium   | 77-2  | 3.49     | 3.00     | 0.50     | 2.33       | 68.97   | ppb   |
| Selenium   | 78-2  | 0.66     | 0.99     | 0.89     | 0.84       | 20.15   | ppb   |
| Selenium   | 82-1  | 2.14     | 1.71     | 1.63     | 1.83       | 14.89   | ppb   |
| Silicon    | 28-1  | 2730.74  | 2730.70  | 2687.89  | 2716.44    | 0.91    | ppb   |
| Silver     | 109-1 | 1.40     | 1.19     | 0.93     | 1.18       | 20.27   | ppb   |
| Silver     | 107-1 | 1.40     | 1.18     | 0.88     | 1.15       | 22.51   | ppb   |
| Sodium     | 23-2  | 61770.97 | 60689.54 | 61132.23 | 61197.58   | 0.89    | ppb   |
| Strontium  | 86-1  | 277.33   | 278.20   | 277.77   | 277.77     | 0.16    | ppb   |
| Strontium  | 88-1  | 283.82   | 286.76   | 284.83   | 285.14     | 0.52    | ppb   |
| Sulfur     | 34-1  | 5056.93  | 5316.15  | 5190.38  | 5187.82    | 2.50    | ppb   |
| Terbium    | 159-1 |          |          |          | 103        |         | %     |
| Terbium    | 159-2 |          |          |          | 93         |         | %     |
| Thallium   | 203-1 | 1.66     | 1.11     | 0.69     | 1.16       | 41.80   | ppb   |
| Thallium   | 205-1 | 1.71     | 1.09     | 0.71     | 1.17       | 43.16   | ppb   |
| Thorium    | 232-1 | 0.21     | 0.17     | 0.13     | 0.17       | 22.75   | ppb   |
| Tin        | 118-1 | 1.51     | 1.40     | 1.35     | 1.42       | 5.68    | ppb   |
| Titanium   | 47-1  | 3.77     | 3.32     | 3.02     | 3.37       | 11.13   | ppb   |
| Uranium    | 238-1 | 0.12     | 0.08     | 0.07     | 0.09       | 31.00   | ppb   |
| Vanadium   | 51-2  | 6.87     | 6.89     | 7.16     | 6.98       | 2.28    | ppb   |
| Yttrium    | 89-1  |          |          |          | 97         |         | %     |
| Yttrium    | 89-2  |          |          |          | 89         |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K3032-01            | Instrumnet Name : | P7        |
| Client Sample ID :      | S32-0657            | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 18:19:16 | DataFile Name :   | 089SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 7.61    | 7.61    | 7.28    | 7.50       | 2.52    | ppb   |
| Zirconium | 90-1 | 0.17    | 0.13    | 0.10    | 0.13       | 28.17   | ppb   |
| Zirconium | 91-1 | 0.16    | 0.10    | 0.09    | 0.11       | 36.32   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K3032-01DUP         | Instrumnet Name : | P7        |
| Client Sample ID :      | S32-0657DUP         | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 18:22:53 | DataFile Name :   | 090SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 1533.58   | 1533.92   | 1519.01   | 1528.84    | 0.56    | ppb   |
| Antimony   | 121-1 | 1.68      | 1.74      | 1.82      | 1.75       | 3.92    | ppb   |
| Arsenic    | 75-2  | 2.62      | 2.76      | 2.48      | 2.62       | 5.29    | ppb   |
| Barium     | 135-1 | 20.25     | 20.19     | 19.48     | 19.98      | 2.16    | ppb   |
| Barium     | 137-1 | 19.81     | 19.80     | 19.56     | 19.72      | 0.71    | ppb   |
| Beryllium  | 9-1   | 0.06      | 0.03      | 0.05      | 0.05       | 32.22   | ppb   |
| Bismuth    | 209-1 |           |           |           | 102        |         | %     |
| Bismuth    | 209-2 |           |           |           | 88         |         | %     |
| Boron      | 10-1  | 10.72     | 10.68     | 11.09     | 10.83      | 2.10    | ppb   |
| Boron      | 11-1  | 11.71     | 11.32     | 10.91     | 11.31      | 3.51    | ppb   |
| Cadmium    | 111-1 | -0.11     | -0.15     | -0.12     | -0.13      |         | ppb   |
| Cadmium    | 106-1 | -2.10     | -2.67     | -2.33     | -2.36      |         | ppb   |
| Cadmium    | 108-1 | 0.52      | 0.38      | 0.38      | 0.42       | 18.83   | ppb   |
| Calcium    | 43-1  | 189631.93 | 187799.04 | 188223.85 | 188551.61  | 0.51    | ppb   |
| Calcium    | 44-1  | 193208.34 | 192098.94 | 192210.77 | 192506.02  | 0.32    | ppb   |
| Chromium   | 52-2  | 1.40      | 1.45      | 1.48      | 1.44       | 2.78    | ppb   |
| Cobalt     | 59-2  | 0.24      | 0.26      | 0.25      | 0.25       | 3.03    | ppb   |
| Copper     | 63-2  | 8.13      | 8.16      | 8.08      | 8.13       | 0.51    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 105        |         | %     |
| Holmium    | 165-2 |           |           |           | 93         |         | %     |
| Indium     | 115-1 |           |           |           | 97         |         | %     |
| Indium     | 115-2 |           |           |           | 86         |         | %     |
| Iron       | 56-2  | 94.26     | 94.75     | 94.77     | 94.59      | 0.30    | ppb   |
| Iron       | 57-2  | 647.81    | 631.01    | 650.90    | 643.24     | 1.66    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 0.39      | 0.35      | 0.38      | 0.37       | 4.76    | ppb   |
| Lead       | 207-1 | 0.38      | 0.36      | 0.31      | 0.35       | 11.41   | ppb   |
| Lead       | 208-1 | 0.36      | 0.35      | 0.33      | 0.35       | 4.58    | ppb   |
| Lithium    | 6-1   |           |           |           | 103        |         | %     |
| Magnesium  | 24-2  | 93.79     | 94.03     | 94.99     | 94.27      | 0.67    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K3032-01DUP         | Instrumnet Name : | P7        |
| Client Sample ID :      | S32-0657DUP         | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 18:22:53 | DataFile Name :   | 090SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 1.54     | 1.66     | 1.56     | 1.59       | 4.04    | ppb   |
| Molybdenum | 94-1  | 30.49    | 29.38    | 30.41    | 30.09      | 2.06    | ppb   |
| Molybdenum | 95-1  | 44.07    | 44.15    | 43.98    | 44.07      | 0.20    | ppb   |
| Molybdenum | 96-1  | 42.11    | 41.37    | 41.20    | 41.56      | 1.17    | ppb   |
| Molybdenum | 97-1  | 44.39    | 43.01    | 42.88    | 43.43      | 1.92    | ppb   |
| Molybdenum | 98-1  | 44.28    | 44.06    | 43.45    | 43.93      | 0.98    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 13.62    | 14.77    | 14.05    | 14.14      | 4.11    | ppb   |
| Phosphorus | 31-2  | -12.15   | -9.47    | -30.48   | -17.37     |         | ppb   |
| Potassium  | 39-2  | 5665.67  | 5621.68  | 5596.68  | 5628.01    | 0.62    | ppb   |
| Rhodium    | 103-1 |          |          |          | 92         |         | %     |
| Rhodium    | 103-2 |          |          |          | 85         |         | %     |
| Scandium   | 45-1  |          |          |          | 87         |         | %     |
| Scandium   | 45-2  |          |          |          | 80         |         | %     |
| Selenium   | 77-2  | 3.07     | 1.55     | 1.55     | 2.06       | 42.59   | ppb   |
| Selenium   | 78-2  | 2.48     | 0.57     | 0.75     | 1.27       | 83.10   | ppb   |
| Selenium   | 82-1  | 1.40     | 1.10     | 1.28     | 1.26       | 12.24   | ppb   |
| Silicon    | 28-1  | 2677.86  | 2677.31  | 2670.45  | 2675.21    | 0.15    | ppb   |
| Silver     | 109-1 | 0.34     | 0.31     | 0.28     | 0.31       | 9.35    | ppb   |
| Silver     | 107-1 | 0.30     | 0.33     | 0.30     | 0.31       | 6.34    | ppb   |
| Sodium     | 23-2  | 61182.64 | 60696.14 | 60370.06 | 60749.61   | 0.67    | ppb   |
| Strontium  | 86-1  | 279.07   | 276.89   | 276.38   | 277.45     | 0.52    | ppb   |
| Strontium  | 88-1  | 285.74   | 284.37   | 284.05   | 284.72     | 0.31    | ppb   |
| Sulfur     | 34-1  | 5505.51  | 5460.96  | 5232.91  | 5399.79    | 2.71    | ppb   |
| Terbium    | 159-1 |          |          |          | 104        |         | %     |
| Terbium    | 159-2 |          |          |          | 91         |         | %     |
| Thallium   | 203-1 | 0.08     | 0.07     | 0.06     | 0.07       | 11.82   | ppb   |
| Thallium   | 205-1 | 0.09     | 0.08     | 0.08     | 0.08       | 5.73    | ppb   |
| Thorium    | 232-1 | 0.05     | 0.05     | 0.05     | 0.05       | 2.51    | ppb   |
| Tin        | 118-1 | 0.99     | 1.10     | 1.11     | 1.07       | 6.22    | ppb   |
| Titanium   | 47-1  | 2.93     | 2.73     | 2.83     | 2.83       | 3.53    | ppb   |
| Uranium    | 238-1 | 0.03     | 0.03     | 0.03     | 0.03       | 11.08   | ppb   |
| Vanadium   | 51-2  | 7.10     | 6.76     | 7.11     | 6.99       | 2.84    | ppb   |
| Yttrium    | 89-1  |          |          |          | 96         |         | %     |
| Yttrium    | 89-2  |          |          |          | 86         |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K3032-01DUP         | Instrumnet Name : | P7        |
| Client Sample ID :      | S32-0657DUP         | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 18:22:53 | DataFile Name :   | 090SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 7.46    | 7.49    | 7.35    | 7.43       | 1.02    | ppb   |
| Zirconium | 90-1 | 0.04    | 0.04    | 0.03    | 0.04       | 19.04   | ppb   |
| Zirconium | 91-1 | 0.04    | 0.03    | 0.03    | 0.04       | 21.24   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K3032-01LX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | S32-0657L           | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 18:26:30 | DataFile Name :   | 091SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 275.62   | 276.99   | 276.86   | 276.49     | 0.27    | ppb   |
| Antimony   | 121-1 | 0.30     | 0.31     | 0.30     | 0.30       | 2.93    | ppb   |
| Arsenic    | 75-2  | 0.42     | 0.55     | 0.48     | 0.48       | 13.47   | ppb   |
| Barium     | 135-1 | 3.34     | 3.38     | 3.37     | 3.37       | 0.66    | ppb   |
| Barium     | 137-1 | 3.40     | 3.39     | 3.59     | 3.46       | 3.24    | ppb   |
| Beryllium  | 9-1   | 0.04     | 0.05     | 0.03     | 0.04       | 28.66   | ppb   |
| Bismuth    | 209-1 |          |          |          | 107        |         | %     |
| Bismuth    | 209-2 |          |          |          | 93         |         | %     |
| Boron      | 10-1  | 4.89     | 4.78     | 4.60     | 4.76       | 3.12    | ppb   |
| Boron      | 11-1  | 4.95     | 5.36     | 4.96     | 5.09       | 4.61    | ppb   |
| Cadmium    | 111-1 | -0.19    | -0.10    | -0.05    | -0.11      |         | ppb   |
| Cadmium    | 106-1 | -2.77    | -1.56    | -0.95    | -1.76      |         | ppb   |
| Cadmium    | 108-1 | 0.03     | 0.01     | 0.14     | 0.06       | 118.38  | ppb   |
| Calcium    | 43-1  | 31807.63 | 32053.14 | 32536.62 | 32132.47   | 1.15    | ppb   |
| Calcium    | 44-1  | 32458.66 | 32896.54 | 33269.63 | 32874.94   | 1.23    | ppb   |
| Chromium   | 52-2  | 0.27     | 0.32     | 0.28     | 0.29       | 8.09    | ppb   |
| Cobalt     | 59-2  | 0.05     | 0.04     | 0.05     | 0.04       | 7.39    | ppb   |
| Copper     | 63-2  | 1.70     | 1.55     | 1.59     | 1.61       | 4.95    | 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 |          |          |          | 107        |         | %     |
| Holmium    | 165-2 |          |          |          | 97         |         | %     |
| Indium     | 115-1 |          |          |          | 101        |         | %     |
| Indium     | 115-2 |          |          |          | 90         |         | %     |
| Iron       | 56-2  | 16.66    | 17.04    | 16.58    | 16.76      | 1.48    | ppb   |
| Iron       | 57-2  | 110.92   | 115.75   | 111.33   | 112.67     | 2.38    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 0.11     | 0.10     | 0.09     | 0.10       | 10.50   | ppb   |
| Lead       | 207-1 | 0.09     | 0.12     | 0.09     | 0.10       | 15.13   | ppb   |
| Lead       | 208-1 | 0.10     | 0.11     | 0.10     | 0.10       | 5.05    | ppb   |
| Lithium    | 6-1   |          |          |          | 91         |         | %     |
| Magnesium  | 24-2  | 14.73    | 15.01    | 18.10    | 15.95      | 11.72   | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K3032-01LX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | S32-0657L           | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 18:26:30 | DataFile Name :   | 091SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 0.33     | 0.26     | 0.24     | 0.27       | 17.24   | ppb   |
| Molybdenum | 94-1  | 5.08     | 5.00     | 4.99     | 5.02       | 0.96    | ppb   |
| Molybdenum | 95-1  | 7.20     | 7.50     | 7.70     | 7.47       | 3.35    | ppb   |
| Molybdenum | 96-1  | 6.97     | 6.97     | 7.25     | 7.07       | 2.25    | ppb   |
| Molybdenum | 97-1  | 7.73     | 7.30     | 7.62     | 7.55       | 2.99    | ppb   |
| Molybdenum | 98-1  | 7.36     | 7.51     | 7.75     | 7.54       | 2.58    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 2.45     | 2.72     | 2.69     | 2.62       | 5.72    | ppb   |
| Phosphorus | 31-2  | -36.10   | -20.08   | -40.49   | -32.22     |         | ppb   |
| Potassium  | 39-2  | 989.16   | 992.97   | 1015.57  | 999.23     | 1.43    | ppb   |
| Rhodium    | 103-1 |          |          |          | 97         |         | %     |
| Rhodium    | 103-2 |          |          |          | 90         |         | %     |
| Scandium   | 45-1  |          |          |          | 88         |         | %     |
| Scandium   | 45-2  |          |          |          | 83         |         | %     |
| Selenium   | 77-2  | 0.50     | 0.50     | 0.50     | 0.50       | 0.42    | ppb   |
| Selenium   | 78-2  | -0.74    | -0.49    | 0.39     | -0.28      |         | ppb   |
| Selenium   | 82-1  | 0.17     | 0.27     | 0.32     | 0.26       | 30.03   | ppb   |
| Silicon    | 28-1  | 460.45   | 471.78   | 464.51   | 465.58     | 1.23    | ppb   |
| Silver     | 109-1 | 0.06     | 0.07     | 0.05     | 0.06       | 17.47   | ppb   |
| Silver     | 107-1 | 0.05     | 0.04     | 0.04     | 0.04       | 13.74   | ppb   |
| Sodium     | 23-2  | 10273.46 | 10398.41 | 10438.10 | 10369.99   | 0.83    | ppb   |
| Strontium  | 86-1  | 46.98    | 47.80    | 48.17    | 47.65      | 1.28    | ppb   |
| Strontium  | 88-1  | 46.72    | 47.72    | 47.48    | 47.31      | 1.10    | ppb   |
| Sulfur     | 34-1  | 1226.10  | 1363.70  | 1441.68  | 1343.82    | 8.12    | ppb   |
| Terbium    | 159-1 |          |          |          | 106        |         | %     |
| Terbium    | 159-2 |          |          |          | 97         |         | %     |
| Thallium   | 203-1 | 0.01     | 0.02     | 0.01     | 0.01       | 14.05   | ppb   |
| Thallium   | 205-1 | 0.02     | 0.01     | 0.01     | 0.02       | 13.60   | ppb   |
| Thorium    | 232-1 | 0.01     | 0.02     | 0.01     | 0.01       | 19.51   | ppb   |
| Tin        | 118-1 | 0.09     | 0.12     | 0.14     | 0.12       | 21.61   | ppb   |
| Titanium   | 47-1  | 0.45     | 0.51     | 0.48     | 0.48       | 6.04    | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.00     | 0.00       | 33.69   | ppb   |
| Vanadium   | 51-2  | 1.28     | 1.30     | 1.29     | 1.29       | 0.79    | ppb   |
| Yttrium    | 89-1  |          |          |          | 98         |         | %     |
| Yttrium    | 89-2  |          |          |          | 89         |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K3032-01LX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | S32-0657L           | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 18:26:30 | DataFile Name :   | 091SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 1.81    | 2.07    | 1.88    | 1.92       | 7.00    | ppb   |
| Zirconium | 90-1 | 0.01    | 0.01    | 0.01    | 0.01       | 55.05   | ppb   |
| Zirconium | 91-1 | 0.03    | 0.00    | 0.00    | 0.01       | 188.40  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K3032-02            | Instrumnet Name : | P7        |
| Client Sample ID :      | S32-0657MS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 18:30:06 | DataFile Name :   | 092SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 11546.59  | 11537.84  | 11509.67  | 11531.37   | 0.17    | ppb   |
| Antimony   | 121-1 | 523.45    | 526.41    | 518.00    | 522.62     | 0.82    | ppb   |
| Arsenic    | 75-2  | 509.53    | 513.60    | 510.44    | 511.19     | 0.42    | ppb   |
| Barium     | 135-1 | 2678.86   | 2669.37   | 2665.93   | 2671.38    | 0.25    | ppb   |
| Barium     | 137-1 | 2781.51   | 2766.96   | 2765.09   | 2771.18    | 0.32    | ppb   |
| Beryllium  | 9-1   | 436.69    | 430.54    | 429.31    | 432.18     | 0.91    | ppb   |
| Bismuth    | 209-1 |           |           |           | 94         |         | %     |
| Bismuth    | 209-2 |           |           |           | 81         |         | %     |
| Boron      | 10-1  | 441.10    | 432.29    | 441.01    | 438.13     | 1.16    | ppb   |
| Boron      | 11-1  | 447.21    | 449.01    | 456.46    | 450.89     | 1.09    | ppb   |
| Cadmium    | 111-1 | 452.24    | 449.62    | 448.78    | 450.22     | 0.40    | ppb   |
| Cadmium    | 106-1 | 465.71    | 462.53    | 451.99    | 460.08     | 1.56    | ppb   |
| Cadmium    | 108-1 | 468.43    | 454.34    | 453.18    | 458.65     | 1.85    | ppb   |
| Calcium    | 43-1  | 251586.54 | 251861.87 | 251198.63 | 251549.01  | 0.13    | ppb   |
| Calcium    | 44-1  | 252508.72 | 253665.37 | 253456.56 | 253210.22  | 0.24    | ppb   |
| Chromium   | 52-2  | 543.66    | 543.17    | 539.50    | 542.11     | 0.42    | ppb   |
| Cobalt     | 59-2  | 551.48    | 561.33    | 556.05    | 556.29     | 0.89    | ppb   |
| Copper     | 63-2  | 1047.17   | 1055.42   | 1051.22   | 1051.27    | 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 |           |           |           | 98         |         | %     |
| Holmium    | 165-2 |           |           |           | 86         |         | %     |
| Indium     | 115-1 |           |           |           | 87         |         | %     |
| Indium     | 115-2 |           |           |           | 76         |         | %     |
| Iron       | 56-2  | 30622.51  | 30872.72  | 30526.38  | 30673.87   | 0.58    | ppb   |
| Iron       | 57-2  | 30302.05  | 30485.65  | 30179.81  | 30322.50   | 0.51    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 527.04    | 528.72    | 534.34    | 530.03     | 0.72    | ppb   |
| Lead       | 207-1 | 516.72    | 519.18    | 517.83    | 517.91     | 0.24    | ppb   |
| Lead       | 208-1 | 532.22    | 537.14    | 535.71    | 535.02     | 0.47    | ppb   |
| Lithium    | 6-1   |           |           |           | 89         |         | %     |
| Magnesium  | 24-2  | 54307.97  | 54339.01  | 53646.68  | 54097.89   | 0.72    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K3032-02            | Instrumnet Name : | P7        |
| Client Sample ID :      | S32-0657MS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 18:30:06 | DataFile Name :   | 092SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 1101.52   | 1108.18   | 1101.26   | 1103.66    | 0.36    | ppb   |
| Molybdenum | 94-1  | 2953.71   | 2942.49   | 2925.07   | 2940.42    | 0.49    | ppb   |
| Molybdenum | 95-1  | 3010.08   | 3014.06   | 2982.52   | 3002.22    | 0.57    | ppb   |
| Molybdenum | 96-1  | 2995.13   | 3002.00   | 2988.78   | 2995.30    | 0.22    | ppb   |
| Molybdenum | 97-1  | 3007.23   | 3015.76   | 2996.69   | 3006.56    | 0.32    | ppb   |
| Molybdenum | 98-1  | 3003.87   | 3015.56   | 3007.79   | 3009.08    | 0.20    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 571.22    | 579.75    | 572.42    | 574.46     | 0.80    | ppb   |
| Phosphorus | 31-2  | -46.09    | -37.98    | -30.23    | -38.10     |         | ppb   |
| Potassium  | 39-2  | 32069.19  | 32228.19  | 31911.17  | 32069.52   | 0.49    | ppb   |
| Rhodium    | 103-1 |           |           |           | 78         |         | %     |
| Rhodium    | 103-2 |           |           |           | 76         |         | %     |
| Scandium   | 45-1  |           |           |           | 76         |         | %     |
| Scandium   | 45-2  |           |           |           | 70         |         | %     |
| Selenium   | 77-2  | 490.70    | 502.84    | 505.37    | 499.64     | 1.57    | ppb   |
| Selenium   | 78-2  | 506.64    | 488.11    | 483.29    | 492.68     | 2.50    | ppb   |
| Selenium   | 82-1  | 508.29    | 501.81    | 501.94    | 504.01     | 0.73    | ppb   |
| Silicon    | 28-1  | 3264.21   | 3290.44   | 3307.02   | 3287.22    | 0.66    | ppb   |
| Silver     | 109-1 | 462.31    | 459.74    | 455.36    | 459.14     | 0.77    | ppb   |
| Silver     | 107-1 | 456.47    | 453.29    | 454.43    | 454.73     | 0.35    | ppb   |
| Sodium     | 23-2  | 120231.52 | 120001.68 | 118868.00 | 119700.40  | 0.61    | ppb   |
| Strontium  | 86-1  | 836.32    | 826.31    | 826.55    | 829.73     | 0.69    | ppb   |
| Strontium  | 88-1  | 848.24    | 851.15    | 845.70    | 848.36     | 0.32    | ppb   |
| Sulfur     | 34-1  | 5562.77   | 5176.97   | 5005.33   | 5248.36    | 5.44    | ppb   |
| Terbium    | 159-1 |           |           |           | 97         |         | %     |
| Terbium    | 159-2 |           |           |           | 85         |         | %     |
| Thallium   | 203-1 | 527.12    | 522.28    | 527.76    | 525.72     | 0.57    | ppb   |
| Thallium   | 205-1 | 546.37    | 544.22    | 549.09    | 546.56     | 0.45    | ppb   |
| Thorium    | 232-1 | 0.12      | 0.12      | 0.12      | 0.12       | 2.43    | ppb   |
| Tin        | 118-1 | 523.65    | 525.18    | 519.88    | 522.90     | 0.52    | ppb   |
| Titanium   | 47-1  | 2823.49   | 2836.87   | 2820.23   | 2826.86    | 0.31    | ppb   |
| Uranium    | 238-1 | 531.05    | 540.95    | 537.72    | 536.57     | 0.94    | ppb   |
| Vanadium   | 51-2  | 541.88    | 547.04    | 542.97    | 543.96     | 0.50    | ppb   |
| Yttrium    | 89-1  |           |           |           | 86         |         | %     |
| Yttrium    | 89-2  |           |           |           | 77         |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K3032-02            | Instrumnet Name : | P7        |
| Client Sample ID :      | S32-0657MS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 18:30:06 | DataFile Name :   | 092SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 958.37  | 959.19  | 954.58  | 957.38     | 0.26    | ppb   |
| Zirconium | 90-1 | 560.44  | 557.74  | 554.76  | 557.65     | 0.51    | ppb   |
| Zirconium | 91-1 | 551.01  | 541.99  | 545.62  | 546.21     | 0.83    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K3032-03            | Instrumnet Name : | P7        |
| Client Sample ID :      | S32-0657MSD         | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 18:33:43 | DataFile Name :   | 093SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 11401.82  | 11428.98  | 11371.44  | 11400.75   | 0.25    | ppb   |
| Antimony   | 121-1 | 514.26    | 512.84    | 511.16    | 512.76     | 0.30    | ppb   |
| Arsenic    | 75-2  | 511.80    | 509.08    | 504.76    | 508.55     | 0.70    | ppb   |
| Barium     | 135-1 | 2633.94   | 2632.67   | 2620.97   | 2629.20    | 0.27    | ppb   |
| Barium     | 137-1 | 2724.04   | 2720.37   | 2716.53   | 2720.31    | 0.14    | ppb   |
| Beryllium  | 9-1   | 433.12    | 433.68    | 429.33    | 432.04     | 0.55    | ppb   |
| Bismuth    | 209-1 |           |           |           | 96         |         | %     |
| Bismuth    | 209-2 |           |           |           | 80         |         | %     |
| Boron      | 10-1  | 448.20    | 446.67    | 452.89    | 449.25     | 0.72    | ppb   |
| Boron      | 11-1  | 458.87    | 467.25    | 465.73    | 463.95     | 0.96    | ppb   |
| Cadmium    | 111-1 | 441.27    | 439.54    | 440.43    | 440.41     | 0.20    | ppb   |
| Cadmium    | 106-1 | 444.65    | 438.92    | 452.31    | 445.29     | 1.51    | ppb   |
| Cadmium    | 108-1 | 447.71    | 451.95    | 442.02    | 447.23     | 1.11    | ppb   |
| Calcium    | 43-1  | 247224.81 | 245166.01 | 250974.89 | 247788.57  | 1.19    | ppb   |
| Calcium    | 44-1  | 251997.62 | 251695.70 | 253224.76 | 252306.03  | 0.32    | ppb   |
| Chromium   | 52-2  | 539.37    | 544.61    | 538.71    | 540.90     | 0.60    | ppb   |
| Cobalt     | 59-2  | 554.24    | 559.20    | 556.78    | 556.74     | 0.44    | ppb   |
| Copper     | 63-2  | 1051.34   | 1055.08   | 1052.80   | 1053.07    | 0.18    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 100        |         | %     |
| Holmium    | 165-2 |           |           |           | 85         |         | %     |
| Indium     | 115-1 |           |           |           | 88         |         | %     |
| Indium     | 115-2 |           |           |           | 75         |         | %     |
| Iron       | 56-2  | 30495.25  | 30662.18  | 30502.24  | 30553.23   | 0.31    | ppb   |
| Iron       | 57-2  | 30181.53  | 30200.54  | 30203.33  | 30195.13   | 0.04    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 527.05    | 525.55    | 523.43    | 525.35     | 0.35    | ppb   |
| Lead       | 207-1 | 515.97    | 511.83    | 510.04    | 512.62     | 0.59    | ppb   |
| Lead       | 208-1 | 530.71    | 528.74    | 528.75    | 529.40     | 0.21    | ppb   |
| Lithium    | 6-1   |           |           |           | 85         |         | %     |
| Magnesium  | 24-2  | 57983.63  | 58140.28  | 57594.73  | 57906.21   | 0.49    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K3032-03            | Instrumnet Name : | P7        |
| Client Sample ID :      | S32-0657MSD         | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 18:33:43 | DataFile Name :   | 093SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 1089.02   | 1100.47   | 1095.46   | 1094.98    | 0.52    | ppb   |
| Molybdenum | 94-1  | 2911.28   | 2899.34   | 2885.06   | 2898.56    | 0.45    | ppb   |
| Molybdenum | 95-1  | 2955.01   | 2967.71   | 2947.76   | 2956.83    | 0.34    | ppb   |
| Molybdenum | 96-1  | 2975.96   | 2972.96   | 2964.55   | 2971.16    | 0.20    | ppb   |
| Molybdenum | 97-1  | 2979.50   | 2973.26   | 2972.71   | 2975.16    | 0.13    | ppb   |
| Molybdenum | 98-1  | 2971.50   | 2960.49   | 2963.75   | 2965.25    | 0.19    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 576.55    | 577.81    | 573.31    | 575.89     | 0.40    | ppb   |
| Phosphorus | 31-2  | -29.13    | -40.00    | -25.98    | -31.71     |         | ppb   |
| Potassium  | 39-2  | 31559.52  | 31679.46  | 31615.80  | 31618.26   | 0.19    | ppb   |
| Rhodium    | 103-1 |           |           |           | 79         |         | %     |
| Rhodium    | 103-2 |           |           |           | 74         |         | %     |
| Scandium   | 45-1  |           |           |           | 75         |         | %     |
| Scandium   | 45-2  |           |           |           | 67         |         | %     |
| Selenium   | 77-2  | 499.80    | 477.32    | 507.83    | 494.98     | 3.20    | ppb   |
| Selenium   | 78-2  | 487.90    | 485.29    | 486.88    | 486.69     | 0.27    | ppb   |
| Selenium   | 82-1  | 497.07    | 495.74    | 497.12    | 496.64     | 0.16    | ppb   |
| Silicon    | 28-1  | 3233.52   | 3260.21   | 3261.71   | 3251.81    | 0.49    | ppb   |
| Silver     | 109-1 | 448.66    | 448.04    | 446.48    | 447.73     | 0.25    | ppb   |
| Silver     | 107-1 | 444.32    | 445.47    | 444.41    | 444.73     | 0.14    | ppb   |
| Sodium     | 23-2  | 118087.90 | 118648.94 | 117766.76 | 118167.87  | 0.38    | ppb   |
| Strontium  | 86-1  | 823.98    | 822.48    | 811.45    | 819.30     | 0.84    | ppb   |
| Strontium  | 88-1  | 839.41    | 840.33    | 833.34    | 837.70     | 0.45    | ppb   |
| Sulfur     | 34-1  | 4664.15   | 4510.08   | 4479.63   | 4551.29    | 2.17    | ppb   |
| Terbium    | 159-1 |           |           |           | 98         |         | %     |
| Terbium    | 159-2 |           |           |           | 83         |         | %     |
| Thallium   | 203-1 | 519.77    | 521.76    | 519.37    | 520.30     | 0.25    | ppb   |
| Thallium   | 205-1 | 542.45    | 543.78    | 540.15    | 542.13     | 0.34    | ppb   |
| Thorium    | 232-1 | 0.07      | 0.07      | 0.07      | 0.07       | 3.13    | ppb   |
| Tin        | 118-1 | 511.25    | 514.81    | 512.70    | 512.92     | 0.35    | ppb   |
| Titanium   | 47-1  | 2790.17   | 2775.38   | 2802.56   | 2789.37    | 0.49    | ppb   |
| Uranium    | 238-1 | 529.39    | 534.98    | 533.95    | 532.77     | 0.56    | ppb   |
| Vanadium   | 51-2  | 543.03    | 544.77    | 542.29    | 543.36     | 0.23    | ppb   |
| Yttrium    | 89-1  |           |           |           | 86         |         | %     |
| Yttrium    | 89-2  |           |           |           | 75         |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K3032-03            | Instrumnet Name : | P7        |
| Client Sample ID :      | S32-0657MSD         | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 18:33:43 | DataFile Name :   | 093SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 958.31  | 970.46  | 958.14  | 962.30     | 0.73    | ppb   |
| Zirconium | 90-1 | 550.00  | 550.21  | 548.06  | 549.43     | 0.22    | ppb   |
| Zirconium | 91-1 | 539.70  | 537.43  | 535.14  | 537.43     | 0.42    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K3032-01A           | Instrumnet Name : | P7        |
| Client Sample ID :      | S32-0657A           | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 18:37:19 | DataFile Name :   | 094SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 11377.30  | 11340.31  | 11382.09  | 11366.57   | 0.20    | ppb   |
| Antimony   | 121-1 | 517.36    | 510.22    | 508.38    | 511.99     | 0.93    | ppb   |
| Arsenic    | 75-2  | 500.22    | 503.68    | 499.42    | 501.10     | 0.45    | ppb   |
| Barium     | 135-1 | 2631.45   | 2626.00   | 2613.77   | 2623.74    | 0.34    | ppb   |
| Barium     | 137-1 | 2728.15   | 2730.11   | 2721.31   | 2726.52    | 0.17    | ppb   |
| Beryllium  | 9-1   | 443.16    | 441.35    | 440.08    | 441.53     | 0.35    | ppb   |
| Bismuth    | 209-1 |           |           |           | 93         |         | %     |
| Bismuth    | 209-2 |           |           |           | 78         |         | %     |
| Boron      | 10-1  | 462.77    | 472.61    | 466.53    | 467.31     | 1.06    | ppb   |
| Boron      | 11-1  | 469.03    | 478.69    | 485.62    | 477.78     | 1.74    | ppb   |
| Cadmium    | 111-1 | 442.58    | 442.09    | 437.23    | 440.63     | 0.67    | ppb   |
| Cadmium    | 106-1 | 445.04    | 450.07    | 442.15    | 445.75     | 0.90    | ppb   |
| Cadmium    | 108-1 | 443.69    | 441.19    | 441.01    | 441.96     | 0.34    | ppb   |
| Calcium    | 43-1  | 245998.73 | 247426.66 | 243775.11 | 245733.50  | 0.75    | ppb   |
| Calcium    | 44-1  | 251683.05 | 252857.98 | 249581.13 | 251374.05  | 0.66    | ppb   |
| Chromium   | 52-2  | 550.33    | 548.06    | 549.74    | 549.38     | 0.21    | ppb   |
| Cobalt     | 59-2  | 569.17    | 569.74    | 567.68    | 568.87     | 0.19    | ppb   |
| Copper     | 63-2  | 1077.19   | 1075.62   | 1076.45   | 1076.42    | 0.07    | 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 |           |           |           | 97         |         | %     |
| Holmium    | 165-2 |           |           |           | 83         |         | %     |
| Indium     | 115-1 |           |           |           | 85         |         | %     |
| Indium     | 115-2 |           |           |           | 72         |         | %     |
| Iron       | 56-2  | 31209.12  | 31177.73  | 31192.71  | 31193.19   | 0.05    | ppb   |
| Iron       | 57-2  | 30812.40  | 30816.89  | 30712.60  | 30780.63   | 0.19    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 533.42    | 536.79    | 528.76    | 532.99     | 0.76    | ppb   |
| Lead       | 207-1 | 517.37    | 522.44    | 518.70    | 519.50     | 0.51    | ppb   |
| Lead       | 208-1 | 535.61    | 539.96    | 535.41    | 536.99     | 0.48    | ppb   |
| Lithium    | 6-1   |           |           |           | 78         |         | %     |
| Magnesium  | 24-2  | 56053.27  | 55553.33  | 55396.53  | 55667.71   | 0.62    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K3032-01A           | Instrumnet Name : | P7        |
| Client Sample ID :      | S32-0657A           | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 18:37:19 | DataFile Name :   | 094SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 1116.91   | 1120.70   | 1115.14   | 1117.58    | 0.25    | ppb   |
| Molybdenum | 94-1  | 2923.41   | 2913.75   | 2919.50   | 2918.88    | 0.17    | ppb   |
| Molybdenum | 95-1  | 2995.56   | 2983.50   | 2980.89   | 2986.65    | 0.26    | ppb   |
| Molybdenum | 96-1  | 3002.01   | 2988.53   | 2990.11   | 2993.55    | 0.25    | ppb   |
| Molybdenum | 97-1  | 3006.79   | 2995.38   | 2991.84   | 2998.00    | 0.26    | ppb   |
| Molybdenum | 98-1  | 3006.35   | 2995.66   | 2974.98   | 2992.33    | 0.53    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 588.22    | 588.56    | 581.89    | 586.23     | 0.64    | ppb   |
| Phosphorus | 31-2  | -18.37    | -24.33    | -18.04    | -20.24     |         | ppb   |
| Potassium  | 39-2  | 31798.47  | 31760.97  | 31624.96  | 31728.13   | 0.29    | ppb   |
| Rhodium    | 103-1 |           |           |           | 76         |         | %     |
| Rhodium    | 103-2 |           |           |           | 72         |         | %     |
| Scandium   | 45-1  |           |           |           | 71         |         | %     |
| Scandium   | 45-2  |           |           |           | 63         |         | %     |
| Selenium   | 77-2  | 502.15    | 463.82    | 499.77    | 488.58     | 4.39    | ppb   |
| Selenium   | 78-2  | 492.52    | 488.33    | 479.82    | 486.89     | 1.33    | ppb   |
| Selenium   | 82-1  | 505.15    | 499.71    | 497.78    | 500.88     | 0.76    | ppb   |
| Silicon    | 28-1  | 3199.91   | 3240.75   | 3197.69   | 3212.78    | 0.75    | ppb   |
| Silver     | 109-1 | 452.23    | 445.86    | 444.33    | 447.47     | 0.94    | ppb   |
| Silver     | 107-1 | 446.48    | 445.35    | 440.40    | 444.08     | 0.73    | ppb   |
| Sodium     | 23-2  | 118685.70 | 117787.74 | 117400.60 | 117958.01  | 0.56    | ppb   |
| Strontium  | 86-1  | 825.88    | 825.49    | 813.73    | 821.70     | 0.84    | ppb   |
| Strontium  | 88-1  | 844.84    | 843.79    | 838.78    | 842.47     | 0.38    | ppb   |
| Sulfur     | 34-1  | 4305.03   | 4500.34   | 4205.79   | 4337.05    | 3.46    | ppb   |
| Terbium    | 159-1 |           |           |           | 96         |         | %     |
| Terbium    | 159-2 |           |           |           | 82         |         | %     |
| Thallium   | 203-1 | 524.07    | 529.15    | 525.13    | 526.12     | 0.51    | ppb   |
| Thallium   | 205-1 | 548.35    | 553.78    | 546.79    | 549.64     | 0.67    | ppb   |
| Thorium    | 232-1 | 0.06      | 0.07      | 0.07      | 0.07       | 5.98    | ppb   |
| Tin        | 118-1 | 516.58    | 513.47    | 508.58    | 512.88     | 0.79    | ppb   |
| Titanium   | 47-1  | 2801.33   | 2809.85   | 2792.78   | 2801.32    | 0.30    | ppb   |
| Uranium    | 238-1 | 541.03    | 547.98    | 542.57    | 543.86     | 0.67    | ppb   |
| Vanadium   | 51-2  | 554.23    | 551.27    | 551.71    | 552.40     | 0.29    | ppb   |
| Yttrium    | 89-1  |           |           |           | 83         |         | %     |
| Yttrium    | 89-2  |           |           |           | 72         |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K3032-01A           | Instrumnet Name : | P7        |
| Client Sample ID :      | S32-0657A           | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 18:37:19 | DataFile Name :   | 094SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 979.42  | 978.83  | 980.39  | 979.55     | 0.08    | ppb   |
| Zirconium | 90-1 | 555.45  | 550.48  | 552.67  | 552.87     | 0.45    | ppb   |
| Zirconium | 91-1 | 540.69  | 539.74  | 539.67  | 540.04     | 0.11    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K3032-04            | Instrumnet Name : | P7        |
| Client Sample ID :      | S32-0652            | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 18:40:56 | DataFile Name :   | 095SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 14.52    | 14.12    | 17.84    | 15.49      | 13.19   | ppb   |
| Antimony   | 121-1 | 1.05     | 1.07     | 1.10     | 1.08       | 2.27    | ppb   |
| Arsenic    | 75-2  | 19.04    | 19.20    | 20.30    | 19.51      | 3.51    | ppb   |
| Barium     | 135-1 | 31.03    | 30.17    | 29.84    | 30.35      | 2.03    | ppb   |
| Barium     | 137-1 | 30.79    | 30.11    | 30.08    | 30.33      | 1.31    | ppb   |
| Beryllium  | 9-1   | 0.18     | 0.16     | 0.11     | 0.15       | 25.20   | ppb   |
| Bismuth    | 209-1 |          |          |          | 97         |         | %     |
| Bismuth    | 209-2 |          |          |          | 82         |         | %     |
| Boron      | 10-1  | 67.45    | 66.23    | 64.08    | 65.92      | 2.59    | ppb   |
| Boron      | 11-1  | 68.52    | 66.32    | 68.02    | 67.62      | 1.71    | ppb   |
| Cadmium    | 111-1 | -0.08    | -0.12    | -0.25    | -0.15      |         | ppb   |
| Cadmium    | 106-1 | -2.81    | -2.93    | -4.41    | -3.38      |         | ppb   |
| Cadmium    | 108-1 | 0.13     | 0.15     | 0.18     | 0.15       | 17.75   | ppb   |
| Calcium    | 43-1  | 52327.59 | 52872.41 | 52377.11 | 52525.70   | 0.57    | ppb   |
| Calcium    | 44-1  | 54098.50 | 53997.37 | 54160.08 | 54085.32   | 0.15    | ppb   |
| Chromium   | 52-2  | 0.98     | 0.98     | 1.03     | 1.00       | 2.55    | ppb   |
| Cobalt     | 59-2  | 0.45     | 0.52     | 0.47     | 0.48       | 6.85    | ppb   |
| Copper     | 63-2  | 3.59     | 3.66     | 3.60     | 3.62       | 1.13    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 98         |         | %     |
| Holmium    | 165-2 |          |          |          | 83         |         | %     |
| Indium     | 115-1 |          |          |          | 87         |         | %     |
| Indium     | 115-2 |          |          |          | 75         |         | %     |
| Iron       | 56-2  | 674.51   | 662.80   | 665.70   | 667.67     | 0.91    | ppb   |
| Iron       | 57-2  | 802.52   | 797.04   | 827.75   | 809.10     | 2.02    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 0.28     | 0.26     | 0.25     | 0.26       | 5.31    | ppb   |
| Lead       | 207-1 | 0.30     | 0.28     | 0.24     | 0.27       | 12.09   | ppb   |
| Lead       | 208-1 | 0.29     | 0.26     | 0.24     | 0.27       | 9.57    | ppb   |
| Lithium    | 6-1   |          |          |          | 75         |         | %     |
| Magnesium  | 24-2  | 20964.06 | 20401.58 | 20529.66 | 20631.76   | 1.43    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K3032-04            | Instrumnet Name : | P7        |
| Client Sample ID :      | S32-0652            | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 18:40:56 | DataFile Name :   | 095SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 853.12   | 836.78   | 842.62   | 844.17     | 0.98    | ppb   |
| Molybdenum | 94-1  | 9.67     | 9.26     | 9.41     | 9.45       | 2.20    | ppb   |
| Molybdenum | 95-1  | 13.68    | 13.85    | 13.21    | 13.58      | 2.44    | ppb   |
| Molybdenum | 96-1  | 13.09    | 12.73    | 13.02    | 12.95      | 1.49    | ppb   |
| Molybdenum | 97-1  | 14.05    | 13.78    | 13.28    | 13.70      | 2.83    | ppb   |
| Molybdenum | 98-1  | 13.88    | 13.67    | 13.27    | 13.61      | 2.29    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.71     | 0.72     | 0.96     | 0.80       | 17.73   | ppb   |
| Phosphorus | 31-2  | 12.51    | 24.92    | 12.19    | 16.54      | 43.90   | ppb   |
| Potassium  | 39-2  | 11594.35 | 11359.48 | 11371.71 | 11441.84   | 1.16    | ppb   |
| Rhodium    | 103-1 |          |          |          | 79         |         | %     |
| Rhodium    | 103-2 |          |          |          | 74         |         | %     |
| Scandium   | 45-1  |          |          |          | 70         |         | %     |
| Scandium   | 45-2  |          |          |          | 62         |         | %     |
| Selenium   | 77-2  | 2.44     | 2.50     | 0.61     | 1.85       | 58.03   | ppb   |
| Selenium   | 78-2  | 0.52     | 0.68     | -0.78    | 0.14       | 580.07  | ppb   |
| Selenium   | 82-1  | 0.92     | 1.28     | 1.33     | 1.18       | 19.20   | ppb   |
| Silicon    | 28-1  | 4907.44  | 4906.02  | 4916.76  | 4910.07    | 0.12    | ppb   |
| Silver     | 109-1 | 0.21     | 0.19     | 0.17     | 0.19       | 11.46   | ppb   |
| Silver     | 107-1 | 0.21     | 0.17     | 0.15     | 0.18       | 15.40   | ppb   |
| Sodium     | 23-2  | 68839.88 | 67403.50 | 67326.09 | 67856.49   | 1.26    | ppb   |
| Strontium  | 86-1  | 407.58   | 402.59   | 401.59   | 403.92     | 0.79    | ppb   |
| Strontium  | 88-1  | 415.94   | 414.71   | 416.35   | 415.67     | 0.21    | ppb   |
| Sulfur     | 34-1  | 15712.26 | 15789.39 | 15777.24 | 15759.63   | 0.26    | ppb   |
| Terbium    | 159-1 |          |          |          | 97         |         | %     |
| Terbium    | 159-2 |          |          |          | 82         |         | %     |
| Thallium   | 203-1 | 0.18     | 0.15     | 0.10     | 0.14       | 27.82   | ppb   |
| Thallium   | 205-1 | 0.20     | 0.15     | 0.13     | 0.16       | 23.27   | ppb   |
| Thorium    | 232-1 | 0.01     | 0.01     | 0.01     | 0.01       | 13.51   | ppb   |
| Tin        | 118-1 | 2.17     | 2.12     | 1.99     | 2.09       | 4.51    | ppb   |
| Titanium   | 47-1  | 2.07     | 2.26     | 2.33     | 2.22       | 6.19    | ppb   |
| Uranium    | 238-1 | 3.01     | 2.97     | 2.91     | 2.96       | 1.62    | ppb   |
| Vanadium   | 51-2  | 0.75     | 0.70     | 0.79     | 0.75       | 5.94    | ppb   |
| Yttrium    | 89-1  |          |          |          | 83         |         | %     |
| Yttrium    | 89-2  |          |          |          | 72         |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K3032-04            | Instrumnet Name : | P7        |
| Client Sample ID :      | S32-0652            | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 18:40:56 | DataFile Name :   | 095SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 6.32    | 6.52    | 6.23    | 6.36       | 2.29    | ppb   |
| Zirconium | 90-1 | 0.15    | 0.14    | 0.10    | 0.13       | 23.23   | ppb   |
| Zirconium | 91-1 | 0.18    | 0.13    | 0.10    | 0.14       | 29.07   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K3032-05            | Instrumnet Name : | P7        |
| Client Sample ID :      | S32-0653            | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 18:44:32 | DataFile Name :   | 096SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 13.42    | 13.32    | 14.27    | 13.67      | 3.82    | ppb   |
| Antimony   | 121-1 | 0.91     | 0.94     | 0.88     | 0.91       | 3.10    | ppb   |
| Arsenic    | 75-2  | 19.32    | 18.84    | 19.01    | 19.06      | 1.28    | ppb   |
| Barium     | 135-1 | 30.34    | 30.75    | 29.87    | 30.32      | 1.46    | ppb   |
| Barium     | 137-1 | 31.10    | 30.67    | 30.50    | 30.76      | 1.01    | ppb   |
| Beryllium  | 9-1   | 0.09     | 0.11     | 0.12     | 0.10       | 15.88   | ppb   |
| Bismuth    | 209-1 |          |          |          | 96         |         | %     |
| Bismuth    | 209-2 |          |          |          | 82         |         | %     |
| Boron      | 10-1  | 56.73    | 56.47    | 56.76    | 56.66      | 0.28    | ppb   |
| Boron      | 11-1  | 59.19    | 59.97    | 60.11    | 59.76      | 0.83    | ppb   |
| Cadmium    | 111-1 | -0.30    | -0.32    | -0.34    | -0.32      |         | ppb   |
| Cadmium    | 106-1 | -4.06    | -4.50    | -4.92    | -4.50      |         | ppb   |
| Cadmium    | 108-1 | 0.22     | 0.04     | 0.04     | 0.10       | 101.27  | ppb   |
| Calcium    | 43-1  | 53131.04 | 52941.80 | 52516.14 | 52862.99   | 0.60    | ppb   |
| Calcium    | 44-1  | 54693.54 | 54768.73 | 54676.88 | 54713.05   | 0.09    | ppb   |
| Chromium   | 52-2  | 1.04     | 1.07     | 0.99     | 1.03       | 3.61    | ppb   |
| Cobalt     | 59-2  | 0.43     | 0.44     | 0.41     | 0.42       | 3.91    | ppb   |
| Copper     | 63-2  | 3.35     | 3.43     | 3.34     | 3.37       | 1.53    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 96         |         | %     |
| Holmium    | 165-2 |          |          |          | 84         |         | %     |
| Indium     | 115-1 |          |          |          | 85         |         | %     |
| Indium     | 115-2 |          |          |          | 74         |         | %     |
| Iron       | 56-2  | 666.60   | 657.52   | 657.46   | 660.53     | 0.80    | ppb   |
| Iron       | 57-2  | 820.10   | 819.99   | 841.58   | 827.22     | 1.50    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 0.18     | 0.17     | 0.17     | 0.17       | 3.97    | ppb   |
| Lead       | 207-1 | 0.18     | 0.16     | 0.15     | 0.16       | 10.46   | ppb   |
| Lead       | 208-1 | 0.18     | 0.16     | 0.16     | 0.17       | 4.99    | ppb   |
| Lithium    | 6-1   |          |          |          | 70         |         | %     |
| Magnesium  | 24-2  | 20856.82 | 20726.10 | 20740.44 | 20774.46   | 0.35    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K3032-05            | Instrumnet Name : | P7        |
| Client Sample ID :      | S32-0653            | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 18:44:32 | DataFile Name :   | 096SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 862.21   | 861.67   | 858.25   | 860.71     | 0.25    | ppb   |
| Molybdenum | 94-1  | 9.22     | 9.41     | 9.21     | 9.28       | 1.20    | ppb   |
| Molybdenum | 95-1  | 13.17    | 13.00    | 12.96    | 13.04      | 0.84    | ppb   |
| Molybdenum | 96-1  | 12.64    | 13.04    | 12.83    | 12.84      | 1.56    | ppb   |
| Molybdenum | 97-1  | 12.79    | 12.99    | 13.58    | 13.12      | 3.15    | ppb   |
| Molybdenum | 98-1  | 13.17    | 13.30    | 13.33    | 13.27      | 0.62    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.69     | 0.80     | 0.86     | 0.78       | 11.02   | ppb   |
| Phosphorus | 31-2  | 33.46    | 1.77     | 42.14    | 25.79      | 82.39   | ppb   |
| Potassium  | 39-2  | 11634.82 | 11577.90 | 11568.61 | 11593.78   | 0.31    | ppb   |
| Rhodium    | 103-1 |          |          |          | 76         |         | %     |
| Rhodium    | 103-2 |          |          |          | 73         |         | %     |
| Scandium   | 45-1  |          |          |          | 67         |         | %     |
| Scandium   | 45-2  |          |          |          | 60         |         | %     |
| Selenium   | 77-2  | 1.89     | 4.36     | 3.14     | 3.13       | 39.53   | ppb   |
| Selenium   | 78-2  | 0.18     | -0.97    | -0.86    | -0.55      |         | ppb   |
| Selenium   | 82-1  | 0.72     | 1.29     | 1.02     | 1.01       | 28.25   | ppb   |
| Silicon    | 28-1  | 4918.45  | 4919.04  | 4891.45  | 4909.65    | 0.32    | ppb   |
| Silver     | 109-1 | 0.11     | 0.14     | 0.12     | 0.12       | 13.15   | ppb   |
| Silver     | 107-1 | 0.11     | 0.12     | 0.13     | 0.12       | 7.90    | ppb   |
| Sodium     | 23-2  | 69226.50 | 68271.02 | 68296.74 | 68598.08   | 0.79    | ppb   |
| Strontium  | 86-1  | 411.38   | 407.44   | 402.91   | 407.25     | 1.04    | ppb   |
| Strontium  | 88-1  | 420.13   | 421.39   | 418.74   | 420.09     | 0.32    | ppb   |
| Sulfur     | 34-1  | 16177.95 | 16001.36 | 16029.08 | 16069.46   | 0.59    | ppb   |
| Terbium    | 159-1 |          |          |          | 95         |         | %     |
| Terbium    | 159-2 |          |          |          | 82         |         | %     |
| Thallium   | 203-1 | 0.03     | 0.04     | 0.03     | 0.03       | 23.17   | ppb   |
| Thallium   | 205-1 | 0.04     | 0.05     | 0.04     | 0.04       | 10.42   | ppb   |
| Thorium    | 232-1 | 0.01     | 0.01     | 0.01     | 0.01       | 14.25   | ppb   |
| Tin        | 118-1 | 1.34     | 1.37     | 1.38     | 1.36       | 1.57    | ppb   |
| Titanium   | 47-1  | 1.85     | 1.77     | 1.73     | 1.78       | 3.47    | ppb   |
| Uranium    | 238-1 | 2.99     | 3.03     | 3.01     | 3.01       | 0.78    | ppb   |
| Vanadium   | 51-2  | 0.71     | 0.78     | 0.76     | 0.75       | 4.86    | ppb   |
| Yttrium    | 89-1  |          |          |          | 81         |         | %     |
| Yttrium    | 89-2  |          |          |          | 71         |         | %     |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K3032-05            | Instrumnet Name : | P7        |
| Client Sample ID :      | S32-0653            | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 18:44:32 | DataFile Name :   | 096SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 6.05    | 6.34    | 5.83    | 6.07       | 4.22    | ppb   |
| Zirconium | 90-1 | 0.06    | 0.04    | 0.06    | 0.05       | 18.23   | ppb   |
| Zirconium | 91-1 | 0.11    | 0.06    | 0.03    | 0.07       | 56.86   | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB103076            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV24               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV24               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2019-05-29 18:48:09 | DataFile Name :   | 097CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 50758.17  | 51133.54  | 50926.02  | 50939.24   | 0.37    | ppb   |
| Antimony   | 121-1 | 461.67    | 463.72    | 467.34    | 464.25     | 0.62    | ppb   |
| Arsenic    | 75-2  | 510.94    | 504.91    | 505.86    | 507.24     | 0.64    | ppb   |
| Barium     | 135-1 | 2435.54   | 2435.96   | 2437.53   | 2436.34    | 0.04    | ppb   |
| Barium     | 137-1 | 2533.83   | 2529.74   | 2532.72   | 2532.10    | 0.08    | ppb   |
| Beryllium  | 9-1   | 496.20    | 493.19    | 494.08    | 494.49     | 0.31    | ppb   |
| Bismuth    | 209-1 |           |           |           | 94         |         | %     |
| Bismuth    | 209-2 |           |           |           | 83         |         | %     |
| Boron      | 10-1  | 488.70    | 491.39    | 500.82    | 493.64     | 1.29    | ppb   |
| Boron      | 11-1  | 496.62    | 498.82    | 509.57    | 501.67     | 1.38    | ppb   |
| Cadmium    | 111-1 | 441.30    | 442.28    | 441.70    | 441.76     | 0.11    | ppb   |
| Cadmium    | 106-1 | 438.25    | 438.27    | 440.79    | 439.10     | 0.33    | ppb   |
| Cadmium    | 108-1 | 446.07    | 432.41    | 441.81    | 440.10     | 1.59    | ppb   |
| Calcium    | 43-1  | 247394.47 | 250157.33 | 244736.27 | 247429.36  | 1.10    | ppb   |
| Calcium    | 44-1  | 249676.61 | 251749.79 | 251702.50 | 251042.97  | 0.47    | ppb   |
| Chromium   | 52-2  | 508.60    | 511.67    | 509.61    | 509.96     | 0.31    | ppb   |
| Cobalt     | 59-2  | 511.46    | 515.47    | 515.82    | 514.25     | 0.47    | ppb   |
| Copper     | 63-2  | 1032.91   | 1040.55   | 1036.43   | 1036.63    | 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 |           |           |           | 101        |         | %     |
| Holmium    | 165-2 |           |           |           | 91         |         | %     |
| Indium     | 115-1 |           |           |           | 87         |         | %     |
| Indium     | 115-2 |           |           |           | 80         |         | %     |
| Iron       | 56-2  | 136530.65 | 137555.48 | 136043.04 | 136709.73  | 0.56    | ppb   |
| Iron       | 57-2  | 132658.03 | 132951.31 | 133103.29 | 132904.21  | 0.17    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 497.98    | 506.74    | 499.89    | 501.54     | 0.92    | ppb   |
| Lead       | 207-1 | 498.73    | 507.37    | 505.18    | 503.76     | 0.89    | ppb   |
| Lead       | 208-1 | 510.82    | 516.29    | 512.76    | 513.29     | 0.54    | ppb   |
| Lithium    | 6-1   |           |           |           | 71         |         | %     |
| Magnesium  | 24-2  | 249821.76 | 250802.09 | 249611.74 | 250078.53  | 0.25    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB103076            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV24               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV24               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2019-05-29 18:48:09 | DataFile Name :   | 097CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 999.99    | 1007.56   | 1000.77   | 1002.77    | 0.42    | ppb   |
| Molybdenum | 94-1  | 2589.60   | 2586.82   | 2597.85   | 2591.42    | 0.22    | ppb   |
| Molybdenum | 95-1  | 2578.42   | 2590.86   | 2595.17   | 2588.15    | 0.34    | ppb   |
| Molybdenum | 96-1  | 2588.22   | 2605.57   | 2602.26   | 2598.68    | 0.35    | ppb   |
| Molybdenum | 97-1  | 2494.14   | 2491.71   | 2488.33   | 2491.39    | 0.12    | ppb   |
| Molybdenum | 98-1  | 2593.53   | 2591.21   | 2607.02   | 2597.25    | 0.33    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 505.63    | 508.08    | 506.86    | 506.86     | 0.24    | ppb   |
| Phosphorus | 31-2  | 9510.30   | 9346.94   | 9067.12   | 9308.12    | 2.41    | ppb   |
| Potassium  | 39-2  | 127715.87 | 128594.76 | 127508.30 | 127939.64  | 0.45    | ppb   |
| Rhodium    | 103-1 |           |           |           | 77         |         | %     |
| Rhodium    | 103-2 |           |           |           | 76         |         | %     |
| Scandium   | 45-1  |           |           |           | 76         |         | %     |
| Scandium   | 45-2  |           |           |           | 73         |         | %     |
| Selenium   | 77-2  | 484.70    | 491.61    | 445.27    | 473.86     | 5.28    | ppb   |
| Selenium   | 78-2  | 486.09    | 483.02    | 485.87    | 485.00     | 0.35    | ppb   |
| Selenium   | 82-1  | 491.70    | 490.72    | 492.86    | 491.76     | 0.22    | ppb   |
| Silicon    | 28-1  | 509.80    | 520.56    | 515.04    | 515.13     | 1.05    | ppb   |
| Silver     | 109-1 | 453.45    | 450.85    | 454.36    | 452.89     | 0.40    | ppb   |
| Silver     | 107-1 | 450.16    | 447.02    | 450.29    | 449.16     | 0.41    | ppb   |
| Sodium     | 23-2  | 250851.95 | 251526.46 | 250277.91 | 250885.44  | 0.25    | ppb   |
| Strontium  | 86-1  | 494.56    | 497.37    | 496.52    | 496.15     | 0.29    | ppb   |
| Strontium  | 88-1  | 509.31    | 508.03    | 512.89    | 510.08     | 0.49    | ppb   |
| Sulfur     | 34-1  | 9069.42   | 9243.72   | 9156.89   | 9156.68    | 0.95    | ppb   |
| Terbium    | 159-1 |           |           |           | 99         |         | %     |
| Terbium    | 159-2 |           |           |           | 89         |         | %     |
| Thallium   | 203-1 | 496.84    | 502.20    | 498.21    | 499.08     | 0.56    | ppb   |
| Thallium   | 205-1 | 518.96    | 528.15    | 522.51    | 523.21     | 0.89    | ppb   |
| Thorium    | 232-1 | 527.89    | 530.05    | 528.58    | 528.84     | 0.21    | ppb   |
| Tin        | 118-1 | 481.37    | 481.50    | 482.58    | 481.82     | 0.14    | ppb   |
| Titanium   | 47-1  | 2577.91   | 2600.01   | 2573.09   | 2583.67    | 0.56    | ppb   |
| Uranium    | 238-1 | 520.50    | 527.18    | 521.39    | 523.02     | 0.69    | ppb   |
| Vanadium   | 51-2  | 509.14    | 511.73    | 506.60    | 509.16     | 0.50    | ppb   |
| Yttrium    | 89-1  |           |           |           | 87         |         | %     |
| Yttrium    | 89-2  |           |           |           | 80         |         | %     |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB103076            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV24               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV24               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2019-05-29 18:48:09 | DataFile Name :   | 097CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 1020.92 | 1034.36 | 1023.37 | 1026.22    | 0.70    | ppb   |
| Zirconium | 90-1 | 516.23  | 518.32  | 515.35  | 516.63     | 0.30    | ppb   |
| Zirconium | 91-1 | 502.03  | 500.70  | 502.32  | 501.68     | 0.17    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB24               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB24               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 18:51:47 | DataFile Name :   | 098CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 2.43    | 2.08    | 2.45    | 2.32       | 8.93    | ppb   |
| Antimony   | 121-1 | 0.41    | 0.42    | 0.42    | 0.42       | 2.04    | ppb   |
| Arsenic    | 75-2  | 0.08    | 0.08    | 0.09    | 0.08       | 6.05    | ppb   |
| Barium     | 135-1 | 0.30    | 0.18    | 0.15    | 0.21       | 37.06   | ppb   |
| Barium     | 137-1 | 0.22    | 0.23    | 0.14    | 0.20       | 23.98   | ppb   |
| Beryllium  | 9-1   | 0.13    | 0.13    | 0.16    | 0.14       | 13.34   | ppb   |
| Bismuth    | 209-1 |         |         |         | 103        |         | %     |
| Bismuth    | 209-2 |         |         |         | 92         |         | %     |
| Boron      | 10-1  | 17.16   | 15.88   | 13.97   | 15.67      | 10.23   | ppb   |
| Boron      | 11-1  | 17.31   | 15.66   | 14.57   | 15.85      | 8.68    | ppb   |
| Cadmium    | 111-1 | -0.12   | -0.24   | -0.14   | -0.17      |         | ppb   |
| Cadmium    | 106-1 | -2.43   | -3.74   | -2.38   | -2.85      |         | ppb   |
| Cadmium    | 108-1 | -0.02   | 0.09    | 0.17    | 0.08       | 116.50  | ppb   |
| Calcium    | 43-1  | 22.28   | 14.40   | 21.49   | 19.39      | 22.39   | ppb   |
| Calcium    | 44-1  | 21.63   | 19.68   | 17.81   | 19.71      | 9.70    | ppb   |
| Chromium   | 52-2  | 0.06    | 0.03    | 0.08    | 0.06       | 40.40   | ppb   |
| Cobalt     | 59-2  | 0.03    | 0.02    | 0.03    | 0.03       | 19.35   | ppb   |
| Copper     | 63-2  | 0.46    | 0.45    | 0.43    | 0.44       | 2.94    | 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 |         |         |         | 100        |         | %     |
| Holmium    | 165-2 |         |         |         | 92         |         | %     |
| Indium     | 115-1 |         |         |         | 94         |         | %     |
| Indium     | 115-2 |         |         |         | 86         |         | %     |
| Iron       | 56-2  | 7.48    | 7.01    | 6.23    | 6.91       | 9.14    | ppb   |
| Iron       | 57-2  | 8.68    | 5.45    | 7.14    | 7.09       | 22.83   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.15    | 0.14    | 0.11    | 0.14       | 14.49   | ppb   |
| Lead       | 207-1 | 0.14    | 0.11    | 0.14    | 0.13       | 13.62   | ppb   |
| Lead       | 208-1 | 0.14    | 0.13    | 0.12    | 0.13       | 5.55    | ppb   |
| Lithium    | 6-1   |         |         |         | 75         |         | %     |
| Magnesium  | 24-2  | 12.02   | 10.47   | 10.57   | 11.02      | 7.87    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB24               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB24               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 18:51:47 | DataFile Name :   | 098CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 0.06    | 0.06     | 0.05     | 0.06       | 10.98   | ppb   |
| Molybdenum | 94-1  | 0.66    | 0.48     | 0.45     | 0.53       | 21.19   | ppb   |
| Molybdenum | 95-1  | 0.67    | 0.61     | 0.51     | 0.60       | 13.79   | ppb   |
| Molybdenum | 96-1  | 0.71    | 0.58     | 0.51     | 0.60       | 16.66   | ppb   |
| Molybdenum | 97-1  | 0.63    | 0.63     | 0.49     | 0.58       | 14.06   | ppb   |
| Molybdenum | 98-1  | 0.73    | 0.55     | 0.54     | 0.61       | 17.51   | ppb   |
| Neodymium  | 150-1 |         |          |          |            |         | cps   |
| Neodymium  | 150-2 |         |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.02    | 0.05     | 0.00     | 0.02       | 117.95  | ppb   |
| Phosphorus | 31-2  | -31.58  | -31.30   | -36.51   | -33.13     |         | ppb   |
| Potassium  | 39-2  | 4.77    | 5.43     | 2.03     | 4.08       | 44.16   | ppb   |
| Rhodium    | 103-1 |         |          |          | 90         |         | %     |
| Rhodium    | 103-2 |         |          |          | 86         |         | %     |
| Scandium   | 45-1  |         |          |          | 79         |         | %     |
| Scandium   | 45-2  |         |          |          | 75         |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00     | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.05    | -0.31    | 1.00     | 0.25       | 273.50  | ppb   |
| Selenium   | 82-1  | 0.08    | 0.10     | 0.11     | 0.10       | 14.28   | ppb   |
| Silicon    | 28-1  | 1.65    | 1.41     | 1.58     | 1.55       | 7.88    | ppb   |
| Silver     | 109-1 | 0.10    | 0.10     | 0.09     | 0.10       | 5.08    | ppb   |
| Silver     | 107-1 | 0.10    | 0.09     | 0.09     | 0.10       | 4.83    | ppb   |
| Sodium     | 23-2  | 58.19   | 54.86    | 54.26    | 55.77      | 3.80    | ppb   |
| Strontium  | 86-1  | -0.01   | -0.01    | 0.00     | -0.01      |         | ppb   |
| Strontium  | 88-1  | 0.07    | 0.04     | 0.04     | 0.05       | 34.75   | ppb   |
| Sulfur     | 34-1  | -990.84 | -1120.22 | -1038.14 | -1049.73   |         | ppb   |
| Terbium    | 159-1 |         |          |          | 100        |         | %     |
| Terbium    | 159-2 |         |          |          | 90         |         | %     |
| Thallium   | 203-1 | 0.10    | 0.09     | 0.11     | 0.10       | 7.74    | ppb   |
| Thallium   | 205-1 | 0.12    | 0.10     | 0.09     | 0.10       | 15.45   | ppb   |
| Thorium    | 232-1 | 0.10    | 0.08     | 0.07     | 0.08       | 13.19   | ppb   |
| Tin        | 118-1 | 0.11    | 0.14     | 0.15     | 0.13       | 17.06   | ppb   |
| Titanium   | 47-1  | 0.28    | 0.26     | 0.23     | 0.26       | 9.59    | ppb   |
| Uranium    | 238-1 | 0.04    | 0.04     | 0.03     | 0.04       | 14.55   | ppb   |
| Vanadium   | 51-2  | 0.04    | 0.03     | 0.02     | 0.03       | 28.56   | ppb   |
| Yttrium    | 89-1  |         |          |          | 89         |         | %     |
| Yttrium    | 89-2  |         |          |          | 83         |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB24               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB24               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 18:51:47 | DataFile Name :   | 098CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 0.75    | 0.80    | 0.85    | 0.80       | 6.24    | ppb   |
| Zirconium | 90-1 | 0.06    | 0.07    | 0.06    | 0.06       | 8.10    | ppb   |
| Zirconium | 91-1 | 0.05    | 0.06    | 0.09    | 0.07       | 32.59   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K3032-06            | Instrumnet Name : | P7        |
| Client Sample ID :      | S32-0654            | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 18:55:24 | DataFile Name :   | 099SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 45.18    | 44.07    | 40.93    | 43.39      | 5.07    | ppb   |
| Antimony   | 121-1 | 1.37     | 1.37     | 1.30     | 1.35       | 2.79    | ppb   |
| Arsenic    | 75-2  | 10.18    | 11.55    | 10.26    | 10.66      | 7.18    | ppb   |
| Barium     | 135-1 | 69.77    | 68.91    | 67.53    | 68.74      | 1.64    | ppb   |
| Barium     | 137-1 | 69.94    | 67.76    | 68.10    | 68.60      | 1.71    | ppb   |
| Beryllium  | 9-1   | 0.09     | 0.06     | 0.09     | 0.08       | 16.73   | ppb   |
| Bismuth    | 209-1 |          |          |          | 95         |         | %     |
| Bismuth    | 209-2 |          |          |          | 79         |         | %     |
| Boron      | 10-1  | 27.15    | 26.50    | 25.98    | 26.54      | 2.21    | ppb   |
| Boron      | 11-1  | 27.56    | 27.38    | 27.62    | 27.52      | 0.47    | ppb   |
| Cadmium    | 111-1 | -0.18    | -0.16    | -0.25    | -0.20      |         | ppb   |
| Cadmium    | 106-1 | -3.46    | -3.34    | -4.09    | -3.63      |         | ppb   |
| Cadmium    | 108-1 | 0.07     | 0.19     | 0.07     | 0.11       | 60.23   | ppb   |
| Calcium    | 43-1  | 76508.11 | 75731.75 | 75970.34 | 76070.07   | 0.52    | ppb   |
| Calcium    | 44-1  | 78416.30 | 78046.56 | 78593.22 | 78352.03   | 0.36    | ppb   |
| Chromium   | 52-2  | 1.46     | 1.43     | 1.13     | 1.34       | 13.70   | ppb   |
| Cobalt     | 59-2  | 2.04     | 2.14     | 2.10     | 2.09       | 2.20    | ppb   |
| Copper     | 63-2  | 4.81     | 4.73     | 4.39     | 4.64       | 4.77    | 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 |          |          |          | 94         |         | %     |
| Holmium    | 165-2 |          |          |          | 80         |         | %     |
| Indium     | 115-1 |          |          |          | 83         |         | %     |
| Indium     | 115-2 |          |          |          | 70         |         | %     |
| Iron       | 56-2  | 12045.66 | 12143.32 | 11957.43 | 12048.81   | 0.77    | ppb   |
| Iron       | 57-2  | 11728.62 | 11810.53 | 11796.56 | 11778.57   | 0.37    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 0.39     | 0.37     | 0.32     | 0.36       | 9.89    | ppb   |
| Lead       | 207-1 | 0.36     | 0.36     | 0.31     | 0.35       | 7.62    | ppb   |
| Lead       | 208-1 | 0.36     | 0.35     | 0.32     | 0.35       | 6.46    | ppb   |
| Lithium    | 6-1   |          |          |          | 67         |         | %     |
| Magnesium  | 24-2  | 7048.53  | 7118.05  | 7093.69  | 7086.76    | 0.50    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K3032-06            | Instrumnet Name : | P7        |
| Client Sample ID :      | S32-0654            | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 18:55:24 | DataFile Name :   | 099SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 1323.68  | 1339.16  | 1321.02  | 1327.95    | 0.74    | ppb   |
| Molybdenum | 94-1  | 1.47     | 1.44     | 1.52     | 1.48       | 2.93    | ppb   |
| Molybdenum | 95-1  | 1.97     | 1.95     | 1.81     | 1.91       | 4.51    | ppb   |
| Molybdenum | 96-1  | 1.93     | 1.91     | 1.99     | 1.94       | 2.23    | ppb   |
| Molybdenum | 97-1  | 1.86     | 1.88     | 1.47     | 1.74       | 13.16   | ppb   |
| Molybdenum | 98-1  | 2.01     | 1.87     | 1.78     | 1.89       | 6.18    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 5.42     | 5.39     | 5.32     | 5.38       | 0.93    | ppb   |
| Phosphorus | 31-2  | -6.94    | -5.91    | -20.09   | -10.98     |         | ppb   |
| Potassium  | 39-2  | 7558.77  | 7637.23  | 7547.76  | 7581.25    | 0.64    | ppb   |
| Rhodium    | 103-1 |          |          |          | 75         |         | %     |
| Rhodium    | 103-2 |          |          |          | 69         |         | %     |
| Scandium   | 45-1  |          |          |          | 65         |         | %     |
| Scandium   | 45-2  |          |          |          | 55         |         | %     |
| Selenium   | 77-2  | 3.31     | 2.02     | 1.34     | 2.22       | 45.08   | ppb   |
| Selenium   | 78-2  | -0.15    | 0.33     | -0.02    | 0.05       | 447.15  | ppb   |
| Selenium   | 82-1  | 1.17     | 1.10     | 1.38     | 1.21       | 11.83   | ppb   |
| Silicon    | 28-1  | 4099.08  | 4076.82  | 4078.01  | 4084.64    | 0.31    | ppb   |
| Silver     | 109-1 | 0.49     | 0.38     | 0.34     | 0.40       | 19.75   | ppb   |
| Silver     | 107-1 | 0.52     | 0.39     | 0.31     | 0.41       | 25.94   | ppb   |
| Sodium     | 23-2  | 36954.28 | 37182.98 | 36655.83 | 36931.03   | 0.72    | ppb   |
| Strontium  | 86-1  | 609.98   | 605.40   | 609.83   | 608.40     | 0.43    | ppb   |
| Strontium  | 88-1  | 628.30   | 628.16   | 623.89   | 626.79     | 0.40    | ppb   |
| Sulfur     | 34-1  | 17972.48 | 17772.78 | 17991.79 | 17912.35   | 0.68    | ppb   |
| Terbium    | 159-1 |          |          |          | 92         |         | %     |
| Terbium    | 159-2 |          |          |          | 78         |         | %     |
| Thallium   | 203-1 | 0.18     | 0.14     | 0.13     | 0.15       | 19.26   | ppb   |
| Thallium   | 205-1 | 0.18     | 0.12     | 0.10     | 0.13       | 31.74   | ppb   |
| Thorium    | 232-1 | 0.05     | 0.05     | 0.05     | 0.05       | 5.04    | ppb   |
| Tin        | 118-1 | 1.69     | 1.49     | 1.53     | 1.57       | 6.68    | ppb   |
| Titanium   | 47-1  | 1.66     | 1.66     | 1.90     | 1.74       | 8.16    | ppb   |
| Uranium    | 238-1 | 0.78     | 0.77     | 0.78     | 0.77       | 0.88    | ppb   |
| Vanadium   | 51-2  | 0.85     | 0.85     | 0.90     | 0.87       | 3.38    | ppb   |
| Yttrium    | 89-1  |          |          |          | 79         |         | %     |
| Yttrium    | 89-2  |          |          |          | 66         |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K3032-06            | Instrumnet Name : | P7        |
| Client Sample ID :      | S32-0654            | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 18:55:24 | DataFile Name :   | 099SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 8.42    | 8.49    | 8.47    | 8.46       | 0.42    | ppb   |
| Zirconium | 90-1 | 0.09    | 0.12    | 0.11    | 0.10       | 14.11   | ppb   |
| Zirconium | 91-1 | 0.19    | 0.12    | 0.14    | 0.15       | 24.51   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K3032-08            | Instrumnet Name : | P7        |
| Client Sample ID :      | S32-ER-2019-1       | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 18:59:00 | DataFile Name :   | 100SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 3.56    | 2.85    | 1.20    | 2.53       | 47.82   | ppb   |
| Antimony   | 121-1 | 0.97    | 1.05    | 1.03    | 1.02       | 3.92    | ppb   |
| Arsenic    | 75-2  | 0.32    | 0.23    | 0.44    | 0.33       | 32.49   | ppb   |
| Barium     | 135-1 | 0.03    | 0.04    | 0.05    | 0.04       | 18.25   | ppb   |
| Barium     | 137-1 | 0.05    | 0.05    | 0.03    | 0.04       | 28.54   | ppb   |
| Beryllium  | 9-1   | 0.09    | 0.07    | 0.05    | 0.07       | 26.45   | ppb   |
| Bismuth    | 209-1 |         |         |         | 95         |         | %     |
| Bismuth    | 209-2 |         |         |         | 80         |         | %     |
| Boron      | 10-1  | 6.79    | 6.94    | 6.78    | 6.84       | 1.33    | ppb   |
| Boron      | 11-1  | 8.07    | 8.17    | 7.03    | 7.76       | 8.17    | ppb   |
| Cadmium    | 111-1 | -0.27   | -0.17   | -0.20   | -0.21      |         | ppb   |
| Cadmium    | 106-1 | -3.68   | -2.37   | -3.05   | -3.03      |         | ppb   |
| Cadmium    | 108-1 | 0.05    | 0.14    | 0.02    | 0.07       | 94.76   | ppb   |
| Calcium    | 43-1  | 71.17   | 62.71   | 61.85   | 65.24      | 7.90    | ppb   |
| Calcium    | 44-1  | 70.62   | 63.74   | 63.67   | 66.01      | 6.06    | ppb   |
| Chromium   | 52-2  | 0.82    | 0.97    | 0.86    | 0.88       | 9.07    | ppb   |
| Cobalt     | 59-2  | 0.03    | 0.03    | 0.03    | 0.03       | 4.15    | ppb   |
| Copper     | 63-2  | 3.15    | 3.17    | 3.16    | 3.16       | 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 |         |         |         | 91         |         | %     |
| Holmium    | 165-2 |         |         |         | 77         |         | %     |
| Indium     | 115-1 |         |         |         | 78         |         | %     |
| Indium     | 115-2 |         |         |         | 68         |         | %     |
| Iron       | 56-2  | 3.31    | 3.34    | 3.49    | 3.38       | 2.92    | ppb   |
| Iron       | 57-2  | 3.01    | 2.35    | 2.82    | 2.73       | 12.34   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.21    | 0.23    | 0.19    | 0.21       | 10.30   | ppb   |
| Lead       | 207-1 | 0.21    | 0.19    | 0.21    | 0.20       | 5.54    | ppb   |
| Lead       | 208-1 | 0.21    | 0.19    | 0.19    | 0.20       | 6.94    | ppb   |
| Lithium    | 6-1   |         |         |         | 61         |         | %     |
| Magnesium  | 24-2  | 2.40    | 2.94    | 2.69    | 2.68       | 10.03   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K3032-08            | Instrumnet Name : | P7        |
| Client Sample ID :      | S32-ER-2019-1       | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 18:59:00 | DataFile Name :   | 100SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 0.32    | 0.24    | 0.29    | 0.28       | 13.98   | ppb   |
| Molybdenum | 94-1  | 0.07    | 0.10    | 0.13    | 0.10       | 33.62   | ppb   |
| Molybdenum | 95-1  | 0.11    | 0.10    | 0.14    | 0.12       | 15.53   | ppb   |
| Molybdenum | 96-1  | 0.12    | 0.09    | 0.14    | 0.12       | 18.61   | ppb   |
| Molybdenum | 97-1  | 0.12    | 0.10    | 0.13    | 0.12       | 12.71   | ppb   |
| Molybdenum | 98-1  | 0.14    | 0.12    | 0.12    | 0.13       | 8.40    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.18    | 0.05    | 0.04    | 0.09       | 86.07   | ppb   |
| Phosphorus | 31-2  | -25.53  | -36.17  | -43.34  | -35.01     |         | ppb   |
| Potassium  | 39-2  | 34.33   | 27.62   | 32.50   | 31.48      | 11.02   | ppb   |
| Rhodium    | 103-1 |         |         |         | 73         |         | %     |
| Rhodium    | 103-2 |         |         |         | 69         |         | %     |
| Scandium   | 45-1  |         |         |         | 60         |         | %     |
| Scandium   | 45-2  |         |         |         | 52         |         | %     |
| Selenium   | 77-2  | 2.75    | 1.39    | 1.39    | 1.84       | 42.71   | ppb   |
| Selenium   | 78-2  | -0.42   | -0.29   | -0.06   | -0.26      |         | ppb   |
| Selenium   | 82-1  | 0.59    | 0.23    | 0.23    | 0.35       | 60.00   | ppb   |
| Silicon    | 28-1  | 10.76   | 11.12   | 10.51   | 10.80      | 2.83    | ppb   |
| Silver     | 109-1 | 0.12    | 0.14    | 0.14    | 0.14       | 10.07   | ppb   |
| Silver     | 107-1 | 0.12    | 0.13    | 0.13    | 0.13       | 5.84    | ppb   |
| Sodium     | 23-2  | 201.97  | 199.44  | 201.18  | 200.86     | 0.64    | ppb   |
| Strontium  | 86-1  | 0.25    | 0.20    | 0.14    | 0.20       | 30.10   | ppb   |
| Strontium  | 88-1  | 0.21    | 0.18    | 0.16    | 0.18       | 13.41   | ppb   |
| Sulfur     | 34-1  | -144.21 | -228.11 | -228.92 | -200.41    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 89         |         | %     |
| Terbium    | 159-2 |         |         |         | 76         |         | %     |
| Thallium   | 203-1 | 0.02    | 0.02    | 0.02    | 0.02       | 11.86   | ppb   |
| Thallium   | 205-1 | 0.03    | 0.03    | 0.03    | 0.03       | 11.69   | ppb   |
| Thorium    | 232-1 | 0.01    | 0.01    | 0.02    | 0.01       | 13.47   | ppb   |
| Tin        | 118-1 | 1.07    | 1.11    | 1.08    | 1.09       | 1.82    | ppb   |
| Titanium   | 47-1  | 0.16    | 0.16    | 0.23    | 0.18       | 21.30   | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       | 132.81  | ppb   |
| Vanadium   | 51-2  | 0.31    | 0.37    | 0.33    | 0.33       | 9.29    | ppb   |
| Yttrium    | 89-1  |         |         |         | 74         |         | %     |
| Yttrium    | 89-2  |         |         |         | 64         |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K3032-08            | Instrumnet Name : | P7        |
| Client Sample ID :      | S32-ER-2019-1       | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 18:59:00 | DataFile Name :   | 100SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 7.31    | 7.60    | 7.43    | 7.45       | 1.97    | ppb   |
| Zirconium | 90-1 | 0.01    | 0.00    | 0.03    | 0.01       | 72.25   | ppb   |
| Zirconium | 91-1 | 0.02    | 0.01    | 0.02    | 0.01       | 36.98   | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB103076            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV25               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV25               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2019-05-29 19:02:37 | DataFile Name :   | 101CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 50597.36  | 50813.09  | 51226.77  | 50879.08   | 0.63    | ppb   |
| Antimony   | 121-1 | 457.99    | 459.34    | 460.25    | 459.20     | 0.25    | ppb   |
| Arsenic    | 75-2  | 510.62    | 505.24    | 509.36    | 508.41     | 0.55    | ppb   |
| Barium     | 135-1 | 2418.78   | 2420.16   | 2392.68   | 2410.54    | 0.64    | ppb   |
| Barium     | 137-1 | 2513.12   | 2529.32   | 2498.52   | 2513.65    | 0.61    | ppb   |
| Beryllium  | 9-1   | 505.52    | 502.13    | 502.67    | 503.44     | 0.36    | ppb   |
| Bismuth    | 209-1 |           |           |           | 92         |         | %     |
| Bismuth    | 209-2 |           |           |           | 80         |         | %     |
| Boron      | 10-1  | 481.54    | 492.03    | 486.86    | 486.81     | 1.08    | ppb   |
| Boron      | 11-1  | 495.47    | 501.62    | 503.61    | 500.23     | 0.85    | ppb   |
| Cadmium    | 111-1 | 490.88    | 492.55    | 488.98    | 490.80     | 0.36    | ppb   |
| Cadmium    | 106-1 | 478.99    | 478.19    | 481.17    | 479.45     | 0.32    | ppb   |
| Cadmium    | 108-1 | 478.86    | 490.51    | 481.76    | 483.71     | 1.25    | ppb   |
| Calcium    | 43-1  | 246750.89 | 244967.79 | 246631.34 | 246116.67  | 0.40    | ppb   |
| Calcium    | 44-1  | 251088.06 | 251424.86 | 252749.80 | 251754.24  | 0.35    | ppb   |
| Chromium   | 52-2  | 511.84    | 509.91    | 517.23    | 512.99     | 0.74    | ppb   |
| Cobalt     | 59-2  | 518.35    | 517.13    | 522.61    | 519.36     | 0.55    | ppb   |
| Copper     | 63-2  | 1047.40   | 1043.21   | 1052.26   | 1047.63    | 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 |           |           |           | 97         |         | %     |
| Holmium    | 165-2 |           |           |           | 87         |         | %     |
| Indium     | 115-1 |           |           |           | 83         |         | %     |
| Indium     | 115-2 |           |           |           | 76         |         | %     |
| Iron       | 56-2  | 138343.60 | 137697.53 | 139150.89 | 138397.34  | 0.53    | ppb   |
| Iron       | 57-2  | 134393.76 | 133805.64 | 135213.33 | 134470.91  | 0.53    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 502.73    | 503.35    | 499.78    | 501.95     | 0.38    | ppb   |
| Lead       | 207-1 | 505.41    | 505.99    | 499.80    | 503.73     | 0.68    | ppb   |
| Lead       | 208-1 | 514.63    | 513.36    | 509.82    | 512.60     | 0.49    | ppb   |
| Lithium    | 6-1   |           |           |           | 65         |         | %     |
| Magnesium  | 24-2  | 249649.01 | 248998.62 | 251784.25 | 250143.96  | 0.58    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB103076            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV25               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV25               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2019-05-29 19:02:37 | DataFile Name :   | 101CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 1009.67   | 1002.57   | 1013.74   | 1008.66    | 0.56    | ppb   |
| Molybdenum | 94-1  | 2604.81   | 2600.39   | 2586.45   | 2597.22    | 0.37    | ppb   |
| Molybdenum | 95-1  | 2608.56   | 2603.71   | 2593.19   | 2601.82    | 0.30    | ppb   |
| Molybdenum | 96-1  | 2612.84   | 2600.04   | 2590.90   | 2601.26    | 0.42    | ppb   |
| Molybdenum | 97-1  | 2496.44   | 2495.07   | 2476.61   | 2489.37    | 0.44    | ppb   |
| Molybdenum | 98-1  | 2601.97   | 2604.09   | 2584.84   | 2596.97    | 0.41    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 513.97    | 511.43    | 516.59    | 514.00     | 0.50    | ppb   |
| Phosphorus | 31-2  | 9092.16   | 9156.20   | 9694.12   | 9314.16    | 3.55    | ppb   |
| Potassium  | 39-2  | 127560.67 | 127084.61 | 129129.26 | 127924.85  | 0.84    | ppb   |
| Rhodium    | 103-1 |           |           |           | 73         |         | %     |
| Rhodium    | 103-2 |           |           |           | 73         |         | %     |
| Scandium   | 45-1  |           |           |           | 70         |         | %     |
| Scandium   | 45-2  |           |           |           | 68         |         | %     |
| Selenium   | 77-2  | 498.06    | 489.89    | 465.10    | 484.35     | 3.54    | ppb   |
| Selenium   | 78-2  | 491.30    | 489.29    | 484.91    | 488.50     | 0.67    | ppb   |
| Selenium   | 82-1  | 496.20    | 493.81    | 492.43    | 494.15     | 0.39    | ppb   |
| Silicon    | 28-1  | 499.61    | 500.64    | 512.51    | 504.25     | 1.42    | ppb   |
| Silver     | 109-1 | 493.27    | 494.33    | 491.61    | 493.07     | 0.28    | ppb   |
| Silver     | 107-1 | 486.84    | 488.05    | 490.38    | 488.43     | 0.37    | ppb   |
| Sodium     | 23-2  | 250046.92 | 249584.07 | 253005.32 | 250878.77  | 0.74    | ppb   |
| Strontium  | 86-1  | 499.09    | 492.77    | 493.73    | 495.20     | 0.69    | ppb   |
| Strontium  | 88-1  | 510.53    | 512.32    | 508.66    | 510.50     | 0.36    | ppb   |
| Sulfur     | 34-1  | 9787.88   | 9729.74   | 9646.88   | 9721.50    | 0.73    | ppb   |
| Terbium    | 159-1 |           |           |           | 95         |         | %     |
| Terbium    | 159-2 |           |           |           | 86         |         | %     |
| Thallium   | 203-1 | 497.02    | 497.21    | 497.88    | 497.37     | 0.09    | ppb   |
| Thallium   | 205-1 | 521.60    | 526.29    | 523.04    | 523.64     | 0.46    | ppb   |
| Thorium    | 232-1 | 532.04    | 532.99    | 534.16    | 533.06     | 0.20    | ppb   |
| Tin        | 118-1 | 480.91    | 480.62    | 477.23    | 479.59     | 0.43    | ppb   |
| Titanium   | 47-1  | 2584.68   | 2577.02   | 2584.96   | 2582.22    | 0.17    | ppb   |
| Uranium    | 238-1 | 527.77    | 528.68    | 525.82    | 527.42     | 0.28    | ppb   |
| Vanadium   | 51-2  | 512.85    | 509.30    | 514.07    | 512.07     | 0.48    | ppb   |
| Yttrium    | 89-1  |           |           |           | 82         |         | %     |
| Yttrium    | 89-2  |           |           |           | 76         |         | %     |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB103076            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV25               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV25               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2019-05-29 19:02:37 | DataFile Name :   | 101CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 1043.87 | 1037.45 | 1050.07 | 1043.80    | 0.60    | ppb   |
| Zirconium | 90-1 | 518.46  | 515.28  | 515.31  | 516.35     | 0.35    | ppb   |
| Zirconium | 91-1 | 506.59  | 500.91  | 499.22  | 502.24     | 0.77    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB25               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB25               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 19:06:16 | DataFile Name :   | 102CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1.42    | 1.28    | 1.41    | 1.37       | 5.90    | ppb   |
| Antimony   | 121-1 | 0.40    | 0.40    | 0.41    | 0.40       | 1.73    | ppb   |
| Arsenic    | 75-2  | 0.09    | 0.11    | 0.03    | 0.07       | 54.44   | ppb   |
| Barium     | 135-1 | 0.27    | 0.14    | 0.13    | 0.18       | 42.56   | ppb   |
| Barium     | 137-1 | 0.23    | 0.18    | 0.16    | 0.19       | 19.04   | ppb   |
| Beryllium  | 9-1   | 0.19    | 0.18    | 0.14    | 0.17       | 15.02   | ppb   |
| Bismuth    | 209-1 |         |         |         | 101        |         | %     |
| Bismuth    | 209-2 |         |         |         | 89         |         | %     |
| Boron      | 10-1  | 17.75   | 15.93   | 15.55   | 16.41      | 7.17    | ppb   |
| Boron      | 11-1  | 17.60   | 17.18   | 15.56   | 16.78      | 6.44    | ppb   |
| Cadmium    | 111-1 | -0.22   | -0.16   | -0.07   | -0.15      |         | ppb   |
| Cadmium    | 106-1 | -3.78   | -2.79   | -1.45   | -2.67      |         | ppb   |
| Cadmium    | 108-1 | 0.01    | 0.07    | 0.15    | 0.08       | 93.12   | ppb   |
| Calcium    | 43-1  | 27.00   | 19.13   | 18.40   | 21.51      | 22.18   | ppb   |
| Calcium    | 44-1  | 21.04   | 20.12   | 14.87   | 18.68      | 17.83   | ppb   |
| Chromium   | 52-2  | 0.10    | 0.03    | 0.06    | 0.07       | 52.72   | ppb   |
| Cobalt     | 59-2  | 0.02    | 0.03    | 0.02    | 0.02       | 33.59   | ppb   |
| Copper     | 63-2  | 0.43    | 0.40    | 0.41    | 0.41       | 4.48    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 98         |         | %     |
| Holmium    | 165-2 |         |         |         | 88         |         | %     |
| Indium     | 115-1 |         |         |         | 91         |         | %     |
| Indium     | 115-2 |         |         |         | 82         |         | %     |
| Iron       | 56-2  | 6.68    | 5.72    | 4.45    | 5.61       | 19.96   | ppb   |
| Iron       | 57-2  | 6.27    | 5.73    | 4.19    | 5.40       | 19.92   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.11    | 0.10    | 0.11    | 0.11       | 8.67    | ppb   |
| Lead       | 207-1 | 0.11    | 0.09    | 0.10    | 0.10       | 7.76    | ppb   |
| Lead       | 208-1 | 0.12    | 0.10    | 0.10    | 0.11       | 8.23    | ppb   |
| Lithium    | 6-1   |         |         |         | 71         |         | %     |
| Magnesium  | 24-2  | 11.42   | 8.86    | 8.92    | 9.74       | 15.01   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB25               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB25               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 19:06:16 | DataFile Name :   | 102CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 0.07    | 0.07    | 0.07    | 0.07       | 2.27    | ppb   |
| Molybdenum | 94-1  | 0.59    | 0.46    | 0.45    | 0.50       | 15.64   | ppb   |
| Molybdenum | 95-1  | 0.56    | 0.55    | 0.57    | 0.56       | 2.13    | ppb   |
| Molybdenum | 96-1  | 0.64    | 0.57    | 0.45    | 0.56       | 17.11   | ppb   |
| Molybdenum | 97-1  | 0.65    | 0.68    | 0.47    | 0.60       | 18.76   | ppb   |
| Molybdenum | 98-1  | 0.58    | 0.53    | 0.53    | 0.55       | 5.50    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.02    | 0.05    | -0.01   | 0.02       | 158.35  | ppb   |
| Phosphorus | 31-2  | -40.68  | -43.41  | -32.69  | -38.93     |         | ppb   |
| Potassium  | 39-2  | 12.38   | 7.78    | 8.79    | 9.65       | 25.03   | ppb   |
| Rhodium    | 103-1 |         |         |         | 87         |         | %     |
| Rhodium    | 103-2 |         |         |         | 82         |         | %     |
| Scandium   | 45-1  |         |         |         | 75         |         | %     |
| Scandium   | 45-2  |         |         |         | 70         |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | -0.23   | -0.42   | -0.69   | -0.44      |         | ppb   |
| Selenium   | 82-1  | 0.16    | 0.27    | -0.17   | 0.09       | 262.06  | ppb   |
| Silicon    | 28-1  | 0.62    | 0.32    | 0.57    | 0.50       | 31.67   | ppb   |
| Silver     | 109-1 | 0.13    | 0.11    | 0.10    | 0.11       | 10.52   | ppb   |
| Silver     | 107-1 | 0.10    | 0.11    | 0.07    | 0.10       | 20.84   | ppb   |
| Sodium     | 23-2  | 54.02   | 52.24   | 49.79   | 52.02      | 4.09    | ppb   |
| Strontium  | 86-1  | 0.01    | -0.01   | 0.02    | 0.01       | 153.76  | ppb   |
| Strontium  | 88-1  | 0.05    | 0.04    | 0.03    | 0.04       | 18.22   | ppb   |
| Sulfur     | 34-1  | -579.16 | -662.05 | -536.40 | -592.54    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 97         |         | %     |
| Terbium    | 159-2 |         |         |         | 87         |         | %     |
| Thallium   | 203-1 | 0.10    | 0.08    | 0.06    | 0.08       | 26.47   | ppb   |
| Thallium   | 205-1 | 0.09    | 0.09    | 0.07    | 0.08       | 11.17   | ppb   |
| Thorium    | 232-1 | 0.09    | 0.08    | 0.08    | 0.08       | 11.58   | ppb   |
| Tin        | 118-1 | 0.12    | 0.15    | 0.13    | 0.13       | 12.68   | ppb   |
| Titanium   | 47-1  | 0.24    | 0.33    | 0.19    | 0.25       | 29.67   | ppb   |
| Uranium    | 238-1 | 0.04    | 0.04    | 0.03    | 0.04       | 12.78   | ppb   |
| Vanadium   | 51-2  | 0.05    | 0.03    | 0.03    | 0.04       | 36.34   | ppb   |
| Yttrium    | 89-1  |         |         |         | 86         |         | %     |
| Yttrium    | 89-2  |         |         |         | 79         |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB25               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB25               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 19:06:16 | DataFile Name :   | 102CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 0.93    | 0.87    | 0.86    | 0.89       | 3.94    | ppb   |
| Zirconium | 90-1 | 0.07    | 0.06    | 0.06    | 0.06       | 10.21   | ppb   |
| Zirconium | 91-1 | 0.05    | 0.07    | 0.04    | 0.05       | 22.58   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | S0                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S0                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 12:26:32 | DataFile Name :   | 004CALB.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 58      | 58      | 50      | 56      | 8.67   | cps   |
| Antimony   | 121-1 | 100     | 83      | 100     | 94      | 10.19  | cps   |
| Arsenic    | 75-2  | 0       | 4       | 4       | 2       | 86.60  | cps   |
| Barium     | 135-1 | 25      | 17      | 33      | 25      | 33.32  | cps   |
| Barium     | 137-1 | 58      | 25      | 33      | 39      | 44.61  | cps   |
| Beryllium  | 9-1   | 63      | 57      | 73      | 64      | 13.01  | cps   |
| Bismuth    | 209-1 | 6418683 | 6436848 | 6381883 | 6412471 | 0.44   | cps   |
| Bismuth    | 209-2 | 4472023 | 4490559 | 4516517 | 4493033 | 0.50   | cps   |
| Boron      | 10-1  | 392     | 492     | 317     | 400     | 21.95  | cps   |
| Boron      | 11-1  | 1675    | 1642    | 1600    | 1639    | 2.29   | cps   |
| Cadmium    | 111-1 | 2212    | 2137    | 2132    | 2160    | 2.08   | cps   |
| Cadmium    | 106-1 | 3159    | 3059    | 3050    | 3089    | 1.95   | cps   |
| Cadmium    | 108-1 | 4       | 13      | 4       | 7       | 69.23  | cps   |
| Calcium    | 43-1  | 92      | 158     | 83      | 111     | 37.00  | cps   |
| Calcium    | 44-1  | 6794    | 6502    | 6577    | 6624    | 2.29   | cps   |
| Chromium   | 52-2  | 493     | 470     | 510     | 491     | 4.09   | cps   |
| Cobalt     | 59-2  | 57      | 33      | 57      | 49      | 27.56  | cps   |
| Copper     | 63-2  | 300     | 360     | 353     | 338     | 9.74   | cps   |
| Dysprosium | 156-1 | 8       | 0       | 0       | 3       | 173.21 | cps   |
| Dysprosium | 156-2 | 3       | 3       | 0       | 2       | 86.60  | cps   |
| Erbium     | 164-1 | 42      | 25      | 42      | 36      | 26.65  | cps   |
| Erbium     | 164-2 | 17      | 20      | 17      | 18      | 10.81  | cps   |
| Gadolinium | 160-1 | 58      | 58      | 8       | 42      | 69.29  | cps   |
| Gadolinium | 160-2 | 177     | 167     | 150     | 164     | 8.19   | cps   |
| Holmium    | 165-1 | 9316671 | 9331068 | 9252291 | 9300010 | 0.45   | cps   |
| Holmium    | 165-2 | 5727867 | 5704608 | 5750441 | 5727639 | 0.40   | cps   |
| Indium     | 115-1 | 6732163 | 6717678 | 6630495 | 6693445 | 0.82   | cps   |
| Indium     | 115-2 | 1609342 | 1606863 | 1623057 | 1613087 | 0.54   | cps   |
| Iron       | 56-2  | 3117    | 2984    | 3278    | 3126    | 4.72   | cps   |
| Iron       | 57-2  | 117     | 122     | 100     | 113     | 10.24  | cps   |
| Krypton    | 83-1  | 297     | 310     | 307     | 304     | 2.28   | cps   |
| Lead       | 206-1 | 178     | 156     | 194     | 176     | 11.09  | cps   |
| Lead       | 207-1 | 167     | 183     | 167     | 172     | 5.59   | cps   |
| Lead       | 208-1 | 678     | 706     | 683     | 689     | 2.13   | cps   |
| Lithium    | 6-1   | 2659444 | 2651580 | 2644941 | 2651988 | 0.27   | cps   |
| Magnesium  | 24-2  | 225     | 142     | 158     | 175     | 25.20  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | S0                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S0                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 12:26:32 | DataFile Name :   | 004CALB.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Manganese  | 55-2  | 50      | 40      | 40      | 43      | 13.32  | cps   |
| Molybdenum | 94-1  | 225     | 267     | 183     | 225     | 18.52  | cps   |
| Molybdenum | 95-1  | 33      | 58      | 58      | 50      | 28.88  | cps   |
| Molybdenum | 96-1  | 75      | 108     | 92      | 92      | 18.18  | cps   |
| Molybdenum | 97-1  | 50      | 50      | 50      | 50      | 0.00   | cps   |
| Molybdenum | 98-1  | 117     | 75      | 108     | 100     | 22.05  | cps   |
| Neodymium  | 150-1 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Neodymium  | 150-2 | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Nickel     | 60-2  | 53      | 77      | 53      | 61      | 22.05  | cps   |
| Phosphorus | 31-2  | 142     | 108     | 67      | 106     | 35.60  | cps   |
| Potassium  | 39-2  | 14366   | 14749   | 14424   | 14513   | 1.42   | cps   |
| Rhodium    | 103-1 | 6141426 | 6169727 | 6096171 | 6135775 | 0.60   | cps   |
| Rhodium    | 103-2 | 3141772 | 3157896 | 3175637 | 3158435 | 0.54   | cps   |
| Scandium   | 45-1  | 4618632 | 4629057 | 4616670 | 4621453 | 0.14   | cps   |
| Scandium   | 45-2  | 222082  | 221331  | 222775  | 222063  | 0.33   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 59      | 41      | 44      | 48      | 20.36  | cps   |
| Selenium   | 82-1  | 129     | 144     | 182     | 152     | 18.06  | cps   |
| Silicon    | 28-1  | 155845  | 156039  | 157867  | 156584  | 0.71   | cps   |
| Silver     | 109-1 | 17      | 67      | 50      | 44      | 57.28  | cps   |
| Silver     | 107-1 | 108     | 83      | 83      | 92      | 15.74  | cps   |
| Sodium     | 23-2  | 3601    | 3467    | 3267    | 3445    | 4.87   | cps   |
| Strontium  | 86-1  | 492     | 458     | 408     | 453     | 9.26   | cps   |
| Strontium  | 88-1  | 175     | 200     | 200     | 192     | 7.53   | cps   |
| Sulfur     | 34-1  | 287847  | 292257  | 295042  | 291715  | 1.24   | cps   |
| Terbium    | 159-1 | 9536257 | 9602782 | 9576359 | 9571800 | 0.35   | cps   |
| Terbium    | 159-2 | 5630345 | 5632901 | 5657564 | 5640270 | 0.27   | cps   |
| Thallium   | 203-1 | 75      | 100     | 100     | 92      | 15.75  | cps   |
| Thallium   | 205-1 | 158     | 242     | 200     | 200     | 20.83  | cps   |
| Thorium    | 232-1 | 100     | 94      | 117     | 104     | 11.15  | cps   |
| Tin        | 118-1 | 425     | 333     | 367     | 375     | 12.37  | cps   |
| Titanium   | 47-1  | 50      | 50      | 58      | 53      | 9.12   | cps   |
| Uranium    | 238-1 | 58      | 117     | 133     | 103     | 38.31  | cps   |
| Vanadium   | 51-2  | 7       | 3       | 10      | 7       | 50.03  | cps   |
| Yttrium    | 89-1  | 7132500 | 7159855 | 7076817 | 7123057 | 0.59   | cps   |
| Yttrium    | 89-2  | 1206972 | 1208202 | 1216224 | 1210466 | 0.42   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | S0                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S0                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 12:26:32 | DataFile Name :   | 004CALB.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zinc      | 66-2 | 253  | 217  | 263  | 244     | 10.05  | cps   |
| Zirconium | 90-1 | 633  | 500  | 642  | 592     | 13.44  | cps   |
| Zirconium | 91-1 | 125  | 150  | 100  | 125     | 20.00  | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB103076            | Operator :        | Jaswal     |
| Lab Sample ID :         | S2                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S2                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2019-05-29 12:34:44 | DataFile Name :   | 006CAL.S.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 1909    | 1984    | 1934    | 1942    | 1.97   | cps   |
| Antimony   | 121-1 | 13324   | 13165   | 12940   | 13143   | 1.47   | cps   |
| Arsenic    | 75-2  | 220     | 287     | 298     | 269     | 15.67  | cps   |
| Barium     | 135-1 | 18847   | 18788   | 19130   | 18922   | 0.97   | cps   |
| Barium     | 137-1 | 34227   | 33216   | 32163   | 33202   | 3.11   | cps   |
| Beryllium  | 9-1   | 1947    | 2050    | 1957    | 1985    | 2.87   | cps   |
| Bismuth    | 209-1 | 6468750 | 6548303 | 6494285 | 6503779 | 0.62   | cps   |
| Bismuth    | 209-2 | 4645782 | 4682566 | 4632464 | 4653604 | 0.56   | cps   |
| Boron      | 10-1  | 7611    | 7577    | 7752    | 7647    | 1.22   | cps   |
| Boron      | 11-1  | 33296   | 33981   | 32987   | 33421   | 1.52   | cps   |
| Cadmium    | 111-1 | 4195    | 3935    | 4156    | 4095    | 3.43   | cps   |
| Cadmium    | 106-1 | 3467    | 3109    | 3451    | 3342    | 6.05   | cps   |
| Cadmium    | 108-1 | 213     | 167     | 175     | 185     | 13.22  | cps   |
| Calcium    | 43-1  | 12906   | 12606   | 12139   | 12550   | 3.08   | cps   |
| Calcium    | 44-1  | 202772  | 204275  | 204807  | 203951  | 0.52   | cps   |
| Chromium   | 52-2  | 5374    | 5158    | 5158    | 5230    | 2.39   | cps   |
| Cobalt     | 59-2  | 3711    | 3564    | 3734    | 3669    | 2.51   | cps   |
| Copper     | 63-2  | 5424    | 5291    | 5084    | 5267    | 3.25   | cps   |
| Dysprosium | 156-1 | 0       | 17      | 8       | 8       | 100.02 | cps   |
| Dysprosium | 156-2 | 3       | 0       | 0       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 25      | 25      | 25      | 25      | 0.00   | cps   |
| Erbium     | 164-2 | 27      | 30      | 10      | 22      | 48.22  | cps   |
| Gadolinium | 160-1 | 50      | 50      | 50      | 50      | 0.00   | cps   |
| Gadolinium | 160-2 | 143     | 190     | 160     | 164     | 14.38  | cps   |
| Holmium    | 165-1 | 9453769 | 9525716 | 9497677 | 9492387 | 0.38   | cps   |
| Holmium    | 165-2 | 5896215 | 5927946 | 5885148 | 5903103 | 0.38   | cps   |
| Indium     | 115-1 | 6892757 | 6909215 | 6867230 | 6889734 | 0.31   | cps   |
| Indium     | 115-2 | 1684441 | 1700333 | 1692375 | 1692383 | 0.47   | cps   |
| Iron       | 56-2  | 109505  | 114101  | 111799  | 111802  | 2.06   | cps   |
| Iron       | 57-2  | 2745    | 2761    | 2928    | 2811    | 3.61   | cps   |
| Krypton    | 83-1  | 247     | 287     | 273     | 269     | 7.57   | cps   |
| Lead       | 206-1 | 6385    | 6696    | 6318    | 6467    | 3.12   | cps   |
| Lead       | 207-1 | 5657    | 5546    | 5918    | 5707    | 3.35   | cps   |
| Lead       | 208-1 | 26256   | 26500   | 26823   | 26526   | 1.07   | cps   |
| Lithium    | 6-1   | 2705390 | 2720480 | 2716126 | 2713999 | 0.29   | cps   |
| Magnesium  | 24-2  | 100438  | 101425  | 98968   | 100277  | 1.23   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB103076            | Operator :        | Jaswal     |
| Lab Sample ID :         | S2                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S2                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2019-05-29 12:34:44 | DataFile Name :   | 006CAL.S.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Manganese  | 55-2  | 1640    | 1580    | 1547    | 1589    | 2.98   | cps   |
| Molybdenum | 94-1  | 15309   | 15000   | 15868   | 15392   | 2.86   | cps   |
| Molybdenum | 95-1  | 18621   | 18655   | 18496   | 18590   | 0.45   | cps   |
| Molybdenum | 96-1  | 20090   | 21467   | 19990   | 20516   | 4.02   | cps   |
| Molybdenum | 97-1  | 11889   | 11814   | 11338   | 11680   | 2.56   | cps   |
| Molybdenum | 98-1  | 30392   | 30517   | 29849   | 30252   | 1.17   | cps   |
| Neodymium  | 150-1 | 0       | 0       | 13      | 4       | 173.21 | cps   |
| Neodymium  | 150-2 | 0       | 3       | 0       | 1       | 173.21 | cps   |
| Nickel     | 60-2  | 1073    | 983     | 890     | 982     | 9.33   | cps   |
| Phosphorus | 31-2  | 433     | 400     | 342     | 392     | 11.85  | cps   |
| Potassium  | 39-2  | 111726  | 113027  | 110535  | 111763  | 1.12   | cps   |
| Rhodium    | 103-1 | 6315057 | 6346939 | 6345423 | 6335806 | 0.28   | cps   |
| Rhodium    | 103-2 | 3292270 | 3333013 | 3306411 | 3310565 | 0.62   | cps   |
| Scandium   | 45-1  | 4813496 | 4872098 | 4841720 | 4842438 | 0.61   | cps   |
| Scandium   | 45-2  | 229932  | 234370  | 234910  | 233071  | 1.17   | cps   |
| Selenium   | 77-2  | 20      | 53      | 53      | 42      | 45.58  | cps   |
| Selenium   | 78-2  | 191     | 206     | 181     | 193     | 6.31   | cps   |
| Selenium   | 82-1  | 937     | 978     | 966     | 960     | 2.17   | cps   |
| Silicon    | 28-1  | 208852  | 212639  | 210501  | 210664  | 0.90   | cps   |
| Silver     | 109-1 | 8578    | 8920    | 8328    | 8609    | 3.45   | cps   |
| Silver     | 107-1 | 9312    | 9195    | 9395    | 9301    | 1.08   | cps   |
| Sodium     | 23-2  | 186334  | 187524  | 183755  | 185871  | 1.04   | cps   |
| Strontium  | 86-1  | 2809    | 2684    | 2984    | 2825    | 5.33   | cps   |
| Strontium  | 88-1  | 20933   | 20732   | 20582   | 20749   | 0.85   | cps   |
| Sulfur     | 34-1  | 304752  | 306485  | 304867  | 305368  | 0.32   | cps   |
| Terbium    | 159-1 | 9783379 | 9854270 | 9810334 | 9815994 | 0.36   | cps   |
| Terbium    | 159-2 | 5859973 | 5910215 | 5847002 | 5872397 | 0.57   | cps   |
| Thallium   | 203-1 | 8144    | 7744    | 8253    | 8047    | 3.33   | cps   |
| Thallium   | 205-1 | 17971   | 18964   | 18605   | 18514   | 2.72   | cps   |
| Thorium    | 232-1 | 29562   | 29178   | 28949   | 29229   | 1.06   | cps   |
| Tin        | 118-1 | 31937   | 32547   | 31219   | 31901   | 2.08   | cps   |
| Titanium   | 47-1  | 5868    | 5910    | 6052    | 5943    | 1.62   | cps   |
| Uranium    | 238-1 | 29033   | 29643   | 29351   | 29342   | 1.04   | cps   |
| Vanadium   | 51-2  | 10300   | 10087   | 10440   | 10276   | 1.73   | cps   |
| Yttrium    | 89-1  | 7331060 | 7375366 | 7368244 | 7358223 | 0.32   | cps   |
| Yttrium    | 89-2  | 1262056 | 1278101 | 1270656 | 1270271 | 0.63   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | S2                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S2                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 12:34:44 | DataFile Name :   | 006CALS.d |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zinc      | 66-2 | 1143  | 1183  | 1120  | 1149    | 2.79   | cps   |
| Zirconium | 90-1 | 12856 | 12339 | 12431 | 12542   | 2.20   | cps   |
| Zirconium | 91-1 | 2967  | 2867  | 2525  | 2787    | 8.31   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB103076            | Operator :        | Jaswal     |
| Lab Sample ID :         | S3                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S3                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2019-05-29 12:38:41 | DataFile Name :   | 007CAL.S.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 89208   | 90582   | 89216   | 89668   | 0.88   | cps   |
| Antimony   | 121-1 | 364645  | 368185  | 361954  | 364928  | 0.86   | cps   |
| Arsenic    | 75-2  | 12976   | 13171   | 13069   | 13072   | 0.74   | cps   |
| Barium     | 135-1 | 499335  | 492798  | 492625  | 494919  | 0.77   | cps   |
| Barium     | 137-1 | 865668  | 862075  | 852285  | 860009  | 0.81   | cps   |
| Beryllium  | 9-1   | 105546  | 103670  | 103207  | 104141  | 1.19   | cps   |
| Bismuth    | 209-1 | 6600781 | 6650709 | 6571744 | 6607745 | 0.60   | cps   |
| Bismuth    | 209-2 | 4662972 | 4660365 | 4639880 | 4654406 | 0.27   | cps   |
| Boron      | 10-1  | 15517   | 16885   | 16259   | 16220   | 4.22   | cps   |
| Boron      | 11-1  | 68883   | 70582   | 69469   | 69645   | 1.24   | cps   |
| Cadmium    | 111-1 | 105225  | 104448  | 106096  | 105256  | 0.78   | cps   |
| Cadmium    | 106-1 | 14324   | 14516   | 15009   | 14616   | 2.41   | cps   |
| Cadmium    | 108-1 | 8323    | 8102    | 8236    | 8221    | 1.35   | cps   |
| Calcium    | 43-1  | 127764  | 127353  | 125731  | 126949  | 0.85   | cps   |
| Calcium    | 44-1  | 2104779 | 2082784 | 2048819 | 2078794 | 1.36   | cps   |
| Chromium   | 52-2  | 122198  | 122460  | 121966  | 122208  | 0.20   | cps   |
| Cobalt     | 59-2  | 188028  | 186232  | 187879  | 187379  | 0.53   | cps   |
| Copper     | 63-2  | 251165  | 251870  | 250233  | 251089  | 0.33   | cps   |
| Dysprosium | 156-1 | 17      | 17      | 8       | 14      | 34.67  | cps   |
| Dysprosium | 156-2 | 30      | 7       | 17      | 18      | 65.83  | cps   |
| Erbium     | 164-1 | 50      | 8       | 25      | 28      | 75.51  | cps   |
| Erbium     | 164-2 | 23      | 27      | 17      | 22      | 22.91  | cps   |
| Gadolinium | 160-1 | 25      | 17      | 42      | 28      | 45.82  | cps   |
| Gadolinium | 160-2 | 137     | 170     | 173     | 160     | 12.67  | cps   |
| Holmium    | 165-1 | 9638030 | 9793360 | 9691279 | 9707556 | 0.81   | cps   |
| Holmium    | 165-2 | 5881384 | 5906404 | 5891932 | 5893240 | 0.21   | cps   |
| Indium     | 115-1 | 6859037 | 6951408 | 6882210 | 6897552 | 0.70   | cps   |
| Indium     | 115-2 | 1670463 | 1671980 | 1661440 | 1667961 | 0.34   | cps   |
| Iron       | 56-2  | 5184808 | 5183358 | 5183844 | 5184004 | 0.01   | cps   |
| Iron       | 57-2  | 131708  | 131085  | 130368  | 131054  | 0.51   | cps   |
| Krypton    | 83-1  | 267     | 267     | 257     | 263     | 2.19   | cps   |
| Lead       | 206-1 | 348755  | 346157  | 351510  | 348807  | 0.77   | cps   |
| Lead       | 207-1 | 317112  | 317756  | 318229  | 317699  | 0.18   | cps   |
| Lead       | 208-1 | 1420794 | 1426741 | 1430314 | 1425950 | 0.34   | cps   |
| Lithium    | 6-1   | 2750836 | 2770375 | 2741636 | 2754282 | 0.53   | cps   |
| Magnesium  | 24-2  | 998448  | 998800  | 999981  | 999076  | 0.08   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB103076            | Operator :        | Jaswal     |
| Lab Sample ID :         | S3                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S3                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2019-05-29 12:38:41 | DataFile Name :   | 007CAL.S.d |

| Parameter  | Mass  | CPS1    | CPS2     | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|----------|---------|---------|--------|-------|
| Manganese  | 55-2  | 157516  | 157704   | 157802  | 157674  | 0.09   | cps   |
| Molybdenum | 94-1  | 775483  | 783441   | 770753  | 776559  | 0.83   | cps   |
| Molybdenum | 95-1  | 941984  | 940635   | 943493  | 942037  | 0.15   | cps   |
| Molybdenum | 96-1  | 1053544 | 1043445  | 1041267 | 1046086 | 0.63   | cps   |
| Molybdenum | 97-1  | 587598  | 585029   | 585588  | 586072  | 0.23   | cps   |
| Molybdenum | 98-1  | 1520714 | 1508223  | 1506259 | 1511732 | 0.52   | cps   |
| Neodymium  | 150-1 | 27      | 27       | 20      | 24      | 15.75  | cps   |
| Neodymium  | 150-2 | 3       | 13       | 3       | 7       | 86.65  | cps   |
| Nickel     | 60-2  | 47801   | 47784    | 47390   | 47658   | 0.49   | cps   |
| Phosphorus | 31-2  | 4984    | 4943     | 4684    | 4870    | 3.34   | cps   |
| Potassium  | 39-2  | 511283  | 517490   | 512507  | 513760  | 0.64   | cps   |
| Rhodium    | 103-1 | 6314754 | 6298093  | 6243402 | 6285416 | 0.59   | cps   |
| Rhodium    | 103-2 | 3246689 | 3249030  | 3226161 | 3240627 | 0.39   | cps   |
| Scandium   | 45-1  | 4810650 | 4848495  | 4770938 | 4810027 | 0.81   | cps   |
| Scandium   | 45-2  | 230548  | 230180   | 229147  | 229958  | 0.32   | cps   |
| Selenium   | 77-2  | 457     | 360      | 420     | 412     | 11.84  | cps   |
| Selenium   | 78-2  | 1382    | 1470     | 1522    | 1458    | 4.88   | cps   |
| Selenium   | 82-1  | 8112    | 7815     | 7878    | 7935    | 1.98   | cps   |
| Silicon    | 28-1  | 445511  | 440923   | 437574  | 441336  | 0.90   | cps   |
| Silver     | 109-1 | 457515  | 455767   | 452483  | 455255  | 0.56   | cps   |
| Silver     | 107-1 | 477033  | 474620   | 472928  | 474860  | 0.43   | cps   |
| Sodium     | 23-2  | 1877601 | 1900844  | 1889329 | 1889258 | 0.62   | cps   |
| Strontium  | 86-1  | 125343  | 126982   | 126839  | 126388  | 0.72   | cps   |
| Strontium  | 88-1  | 1099015 | 1107759  | 1097821 | 1101532 | 0.49   | cps   |
| Sulfur     | 34-1  | 349464  | 346994   | 343343  | 346600  | 0.89   | cps   |
| Terbium    | 159-1 | 9991242 | 10017149 | 9990979 | 9999790 | 0.15   | cps   |
| Terbium    | 159-2 | 5841892 | 5860695  | 5862807 | 5855132 | 0.20   | cps   |
| Thallium   | 203-1 | 422389  | 425825   | 424410  | 424208  | 0.41   | cps   |
| Thallium   | 205-1 | 1020672 | 1031301  | 1021695 | 1024556 | 0.57   | cps   |
| Thorium    | 232-1 | 1642229 | 1651123  | 1640877 | 1644743 | 0.34   | cps   |
| Tin        | 118-1 | 319796  | 320385   | 320598  | 320260  | 0.13   | cps   |
| Titanium   | 47-1  | 285232  | 283667   | 280071  | 282990  | 0.94   | cps   |
| Uranium    | 238-1 | 1629880 | 1640270  | 1628993 | 1633048 | 0.38   | cps   |
| Vanadium   | 51-2  | 99643   | 99385    | 99915   | 99648   | 0.27   | cps   |
| Yttrium    | 89-1  | 7368156 | 7437064  | 7407396 | 7404205 | 0.47   | cps   |
| Yttrium    | 89-2  | 1251321 | 1259989  | 1254382 | 1255231 | 0.35   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | S3                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S3                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 12:38:41 | DataFile Name :   | 007CALS.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zinc      | 66-2 | 44347  | 44073  | 44598  | 44339   | 0.59   | cps   |
| Zirconium | 90-1 | 657873 | 654871 | 650934 | 654559  | 0.53   | cps   |
| Zirconium | 91-1 | 148007 | 147739 | 146070 | 147272  | 0.71   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB103076            | Operator :        | Jaswal     |
| Lab Sample ID :         | S4                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S4                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2019-05-29 12:42:38 | DataFile Name :   | 008CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 212895   | 208475   | 209716   | 210362   | 1.08   | cps   |
| Antimony   | 121-1 | 912988   | 907728   | 906258   | 908991   | 0.39   | cps   |
| Arsenic    | 75-2  | 31102    | 30816    | 30564    | 30827    | 0.87   | cps   |
| Barium     | 135-1 | 1227198  | 1221465  | 1229227  | 1225963  | 0.33   | cps   |
| Barium     | 137-1 | 2137008  | 2119177  | 2120075  | 2125420  | 0.47   | cps   |
| Beryllium  | 9-1   | 253566   | 247644   | 249422   | 250211   | 1.21   | cps   |
| Bismuth    | 209-1 | 6616886  | 6535476  | 6627657  | 6593340  | 0.76   | cps   |
| Bismuth    | 209-2 | 4535801  | 4549516  | 4529072  | 4538130  | 0.23   | cps   |
| Boron      | 10-1  | 38249    | 37840    | 38951    | 38347    | 1.47   | cps   |
| Boron      | 11-1  | 167477   | 165674   | 167367   | 166839   | 0.61   | cps   |
| Cadmium    | 111-1 | 257572   | 254940   | 255120   | 255878   | 0.57   | cps   |
| Cadmium    | 106-1 | 32346    | 31711    | 31177    | 31745    | 1.84   | cps   |
| Cadmium    | 108-1 | 20010    | 19873    | 19476    | 19786    | 1.40   | cps   |
| Calcium    | 43-1  | 311640   | 306098   | 303667   | 307135   | 1.33   | cps   |
| Calcium    | 44-1  | 4998326  | 4947765  | 4911651  | 4952581  | 0.88   | cps   |
| Chromium   | 52-2  | 284715   | 283357   | 281953   | 283341   | 0.49   | cps   |
| Cobalt     | 59-2  | 439733   | 433941   | 430908   | 434861   | 1.03   | cps   |
| Copper     | 63-2  | 584603   | 578581   | 574043   | 579076   | 0.91   | cps   |
| Dysprosium | 156-1 | 8        | 33       | 50       | 31       | 68.64  | cps   |
| Dysprosium | 156-2 | 17       | 40       | 37       | 31       | 40.56  | cps   |
| Erbium     | 164-1 | 75       | 17       | 17       | 36       | 93.25  | cps   |
| Erbium     | 164-2 | 23       | 17       | 33       | 24       | 34.31  | cps   |
| Gadolinium | 160-1 | 58       | 25       | 50       | 44       | 39.04  | cps   |
| Gadolinium | 160-2 | 130      | 150      | 143      | 141      | 7.22   | cps   |
| Holmium    | 165-1 | 9662531  | 9515914  | 9668150  | 9615532  | 0.90   | cps   |
| Holmium    | 165-2 | 5768391  | 5760949  | 5701724  | 5743688  | 0.64   | cps   |
| Indium     | 115-1 | 6725458  | 6702320  | 6682943  | 6703574  | 0.32   | cps   |
| Indium     | 115-2 | 1571514  | 1568682  | 1562692  | 1567629  | 0.29   | cps   |
| Iron       | 56-2  | 12234264 | 12129626 | 12112446 | 12158779 | 0.54   | cps   |
| Iron       | 57-2  | 307775   | 304429   | 307339   | 306514   | 0.59   | cps   |
| Krypton    | 83-1  | 293      | 303      | 273      | 290      | 5.27   | cps   |
| Lead       | 206-1 | 880271   | 875907   | 883808   | 879995   | 0.45   | cps   |
| Lead       | 207-1 | 801901   | 801737   | 816185   | 806608   | 1.03   | cps   |
| Lead       | 208-1 | 3599950  | 3598640  | 3642300  | 3613630  | 0.69   | cps   |
| Lithium    | 6-1   | 2679272  | 2656102  | 2644579  | 2659984  | 0.66   | cps   |
| Magnesium  | 24-2  | 2361920  | 2339441  | 2329044  | 2343468  | 0.72   | cps   |

LB Number : LB103076 Operator : Jaswal  
 Lab Sample ID : S4 Instrumnet Name : P7  
 Client Sample ID : S4 Dilution Factor : 1  
 Date & Time Acquired :: 2019-05-29 12:42:38 DataFile Name : 008CAL.S.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Manganese  | 55-2  | 372820  | 371706  | 366104  | 370210  | 0.97   | cps   |
| Molybdenum | 94-1  | 1896760 | 1871289 | 1868784 | 1878944 | 0.82   | cps   |
| Molybdenum | 95-1  | 2296557 | 2267268 | 2303404 | 2289076 | 0.84   | cps   |
| Molybdenum | 96-1  | 2565214 | 2529812 | 2538074 | 2544367 | 0.73   | cps   |
| Molybdenum | 97-1  | 1440578 | 1430021 | 1426590 | 1432397 | 0.51   | cps   |
| Molybdenum | 98-1  | 3711646 | 3667800 | 3694320 | 3691255 | 0.60   | cps   |
| Neodymium  | 150-1 | 127     | 147     | 180     | 151     | 17.83  | cps   |
| Neodymium  | 150-2 | 20      | 13      | 13      | 16      | 24.76  | cps   |
| Nickel     | 60-2  | 111076  | 110619  | 108753  | 110149  | 1.12   | cps   |
| Phosphorus | 31-2  | 11497   | 11438   | 11580   | 11505   | 0.62   | cps   |
| Potassium  | 39-2  | 1183567 | 1181955 | 1165214 | 1176912 | 0.86   | cps   |
| Rhodium    | 103-1 | 6090286 | 6004025 | 6024716 | 6039675 | 0.75   | cps   |
| Rhodium    | 103-2 | 3031552 | 3037464 | 3011090 | 3026702 | 0.46   | cps   |
| Scandium   | 45-1  | 4639832 | 4556671 | 4574214 | 4590239 | 0.95   | cps   |
| Scandium   | 45-2  | 215746  | 211584  | 211543  | 212958  | 1.13   | cps   |
| Selenium   | 77-2  | 1000    | 940     | 967     | 969     | 3.10   | cps   |
| Selenium   | 78-2  | 3289    | 3287    | 3330    | 3302    | 0.73   | cps   |
| Selenium   | 82-1  | 19070   | 18904   | 19050   | 19008   | 0.48   | cps   |
| Silicon    | 28-1  | 813318  | 804061  | 800148  | 805842  | 0.84   | cps   |
| Silver     | 109-1 | 1114417 | 1098843 | 1096325 | 1103195 | 0.89   | cps   |
| Silver     | 107-1 | 1153580 | 1142794 | 1146024 | 1147466 | 0.48   | cps   |
| Sodium     | 23-2  | 4485467 | 4437583 | 4394513 | 4439188 | 1.02   | cps   |
| Strontium  | 86-1  | 306807  | 309966  | 302851  | 306542  | 1.16   | cps   |
| Strontium  | 88-1  | 2696715 | 2681541 | 2669404 | 2682554 | 0.51   | cps   |
| Sulfur     | 34-1  | 393285  | 389008  | 380781  | 387692  | 1.64   | cps   |
| Terbium    | 159-1 | 9944913 | 9875554 | 9908660 | 9909709 | 0.35   | cps   |
| Terbium    | 159-2 | 5692422 | 5692494 | 5660685 | 5681867 | 0.32   | cps   |
| Thallium   | 203-1 | 1075552 | 1070066 | 1078537 | 1074718 | 0.40   | cps   |
| Thallium   | 205-1 | 2593238 | 2574427 | 2586039 | 2584568 | 0.37   | cps   |
| Thorium    | 232-1 | 4228074 | 4171843 | 4213445 | 4204454 | 0.69   | cps   |
| Tin        | 118-1 | 782261  | 782723  | 782827  | 782604  | 0.04   | cps   |
| Titanium   | 47-1  | 673285  | 671491  | 667869  | 670882  | 0.41   | cps   |
| Uranium    | 238-1 | 4218925 | 4162831 | 4201505 | 4194420 | 0.68   | cps   |
| Vanadium   | 51-2  | 233139  | 231711  | 231008  | 231953  | 0.47   | cps   |
| Yttrium    | 89-1  | 7210602 | 7112607 | 7089026 | 7137411 | 0.90   | cps   |
| Yttrium    | 89-2  | 1180788 | 1178332 | 1163953 | 1174357 | 0.77   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | S4                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S4                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 12:42:38 | DataFile Name :   | 008CALS.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zinc      | 66-2 | 105531  | 104799  | 104950  | 105093  | 0.37   | cps   |
| Zirconium | 90-1 | 1608587 | 1583485 | 1589188 | 1593753 | 0.83   | cps   |
| Zirconium | 91-1 | 363031  | 355184  | 357736  | 358651  | 1.12   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB103076            | Operator :        | Jaswal     |
| Lab Sample ID :         | S5                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S5                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2019-05-29 12:46:29 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 379658   | 381073   | 375217   | 378649   | 0.81   | cps   |
| Antimony   | 121-1 | 1705604  | 1711162  | 1693660  | 1703475  | 0.53   | cps   |
| Arsenic    | 75-2  | 55442    | 55678    | 55134    | 55418    | 0.49   | cps   |
| Barium     | 135-1 | 2312270  | 2315660  | 2301531  | 2309820  | 0.32   | cps   |
| Barium     | 137-1 | 4019273  | 4003615  | 3974661  | 3999183  | 0.57   | cps   |
| Beryllium  | 9-1   | 457073   | 451060   | 450560   | 452898   | 0.80   | cps   |
| Bismuth    | 209-1 | 6405652  | 6420390  | 6389638  | 6405227  | 0.24   | cps   |
| Bismuth    | 209-2 | 4249705  | 4285193  | 4337094  | 4290664  | 1.02   | cps   |
| Boron      | 10-1  | 69017    | 69485    | 69627    | 69376    | 0.46   | cps   |
| Boron      | 11-1  | 300963   | 300687   | 303576   | 301742   | 0.53   | cps   |
| Cadmium    | 111-1 | 473803   | 470363   | 471910   | 472025   | 0.37   | cps   |
| Cadmium    | 106-1 | 55810    | 54824    | 57216    | 55950    | 2.15   | cps   |
| Cadmium    | 108-1 | 37090    | 37241    | 36643    | 36992    | 0.84   | cps   |
| Calcium    | 43-1  | 557125   | 556235   | 548508   | 553956   | 0.86   | cps   |
| Calcium    | 44-1  | 8981646  | 8877230  | 8806468  | 8888448  | 0.99   | cps   |
| Chromium   | 52-2  | 504931   | 509520   | 500441   | 504964   | 0.90   | cps   |
| Cobalt     | 59-2  | 770419   | 777451   | 773256   | 773709   | 0.46   | cps   |
| Copper     | 63-2  | 1030690  | 1032187  | 1023967  | 1028948  | 0.43   | cps   |
| Dysprosium | 156-1 | 75       | 33       | 83       | 64       | 41.93  | cps   |
| Dysprosium | 156-2 | 23       | 47       | 67       | 46       | 47.61  | cps   |
| Erbium     | 164-1 | 17       | 25       | 25       | 22       | 21.64  | cps   |
| Erbium     | 164-2 | 3        | 23       | 30       | 19       | 73.49  | cps   |
| Gadolinium | 160-1 | 58       | 33       | 50       | 47       | 26.97  | cps   |
| Gadolinium | 160-2 | 123      | 127      | 133      | 128      | 3.98   | cps   |
| Holmium    | 165-1 | 9361683  | 9319070  | 9287264  | 9322672  | 0.40   | cps   |
| Holmium    | 165-2 | 5366260  | 5439380  | 5495604  | 5433748  | 1.19   | cps   |
| Indium     | 115-1 | 6272279  | 6209113  | 6215985  | 6232459  | 0.56   | cps   |
| Indium     | 115-2 | 1419790  | 1430157  | 1428103  | 1426017  | 0.38   | cps   |
| Iron       | 56-2  | 21868769 | 21928014 | 21743989 | 21846924 | 0.43   | cps   |
| Iron       | 57-2  | 552832   | 555233   | 550738   | 552935   | 0.41   | cps   |
| Krypton    | 83-1  | 253      | 277      | 283      | 271      | 5.81   | cps   |
| Lead       | 206-1 | 1725129  | 1719561  | 1701978  | 1715556  | 0.70   | cps   |
| Lead       | 207-1 | 1585257  | 1578751  | 1553781  | 1572596  | 1.06   | cps   |
| Lead       | 208-1 | 7065048  | 7057100  | 6982880  | 7035009  | 0.64   | cps   |
| Lithium    | 6-1   | 2455755  | 2436833  | 2401422  | 2431337  | 1.13   | cps   |
| Magnesium  | 24-2  | 4215390  | 4228443  | 4182331  | 4208721  | 0.56   | cps   |



|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB103076            | Operator :        | Jaswal     |
| Lab Sample ID :         | S5                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S5                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2019-05-29 12:46:29 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Manganese  | 55-2  | 667970  | 667905  | 660286  | 665387  | 0.66   | cps   |
| Molybdenum | 94-1  | 3502113 | 3469669 | 3424680 | 3465488 | 1.12   | cps   |
| Molybdenum | 95-1  | 4242989 | 4223912 | 4181232 | 4216045 | 0.75   | cps   |
| Molybdenum | 96-1  | 4737159 | 4677527 | 4644580 | 4686422 | 1.00   | cps   |
| Molybdenum | 97-1  | 2669222 | 2640454 | 2619353 | 2643010 | 0.95   | cps   |
| Molybdenum | 98-1  | 6810468 | 6769692 | 6708003 | 6762721 | 0.76   | cps   |
| Neodymium  | 150-1 | 247     | 180     | 253     | 227     | 17.89  | cps   |
| Neodymium  | 150-2 | 27      | 10      | 23      | 20      | 44.10  | cps   |
| Nickel     | 60-2  | 194744  | 196825  | 194977  | 195515  | 0.58   | cps   |
| Phosphorus | 31-2  | 19363   | 19480   | 18979   | 19274   | 1.36   | cps   |
| Potassium  | 39-2  | 2081984 | 2088628 | 2076094 | 2082235 | 0.30   | cps   |
| Rhodium    | 103-1 | 5534145 | 5482910 | 5502808 | 5506621 | 0.47   | cps   |
| Rhodium    | 103-2 | 2738188 | 2770702 | 2717254 | 2742048 | 0.98   | cps   |
| Scandium   | 45-1  | 4163084 | 4093457 | 4111379 | 4122640 | 0.88   | cps   |
| Scandium   | 45-2  | 186461  | 188451  | 189121  | 188011  | 0.74   | cps   |
| Selenium   | 77-2  | 1740    | 1663    | 1863    | 1756    | 5.75   | cps   |
| Selenium   | 78-2  | 5999    | 5803    | 5923    | 5909    | 1.68   | cps   |
| Selenium   | 82-1  | 34741   | 34232   | 33621   | 34198   | 1.64   | cps   |
| Silicon    | 28-1  | 1322066 | 1299912 | 1292931 | 1304970 | 1.17   | cps   |
| Silver     | 109-1 | 2045659 | 2021272 | 1995981 | 2020971 | 1.23   | cps   |
| Silver     | 107-1 | 2122181 | 2118209 | 2095364 | 2111918 | 0.69   | cps   |
| Sodium     | 23-2  | 7984151 | 7958398 | 7959976 | 7967508 | 0.18   | cps   |
| Strontium  | 86-1  | 569910  | 569877  | 559114  | 566300  | 1.10   | cps   |
| Strontium  | 88-1  | 4971174 | 4967468 | 4913408 | 4950683 | 0.65   | cps   |
| Sulfur     | 34-1  | 448439  | 444665  | 442927  | 445344  | 0.63   | cps   |
| Terbium    | 159-1 | 9539200 | 9569014 | 9548247 | 9552154 | 0.16   | cps   |
| Terbium    | 159-2 | 5323069 | 5406102 | 5373106 | 5367426 | 0.78   | cps   |
| Thallium   | 203-1 | 2086997 | 2113935 | 2090154 | 2097029 | 0.70   | cps   |
| Thallium   | 205-1 | 5048853 | 5075300 | 5034938 | 5053030 | 0.41   | cps   |
| Thorium    | 232-1 | 8368501 | 8348754 | 8277858 | 8331704 | 0.57   | cps   |
| Tin        | 118-1 | 1471046 | 1465022 | 1446493 | 1460854 | 0.88   | cps   |
| Titanium   | 47-1  | 1229153 | 1215004 | 1195214 | 1213124 | 1.41   | cps   |
| Uranium    | 238-1 | 8317988 | 8269084 | 8149418 | 8245497 | 1.05   | cps   |
| Vanadium   | 51-2  | 417866  | 418399  | 413365  | 416543  | 0.66   | cps   |
| Yttrium    | 89-1  | 6635177 | 6559128 | 6550984 | 6581763 | 0.71   | cps   |
| Yttrium    | 89-2  | 1055217 | 1066376 | 1057607 | 1059733 | 0.55   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | S5                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S5                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 12:46:29 | DataFile Name :   | 009CALS.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zinc      | 66-2 | 191829  | 192517  | 192001  | 192116  | 0.19   | cps   |
| Zirconium | 90-1 | 2981002 | 2924841 | 2912499 | 2939447 | 1.24   | cps   |
| Zirconium | 91-1 | 670185  | 656651  | 651403  | 659413  | 1.47   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB103076            | Operator :        | Jaswal     |
| Lab Sample ID :         | S6                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S6                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2019-05-29 12:50:19 | DataFile Name :   | 010CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 732291   | 719400   | 735552   | 729081   | 1.17   | cps   |
| Antimony   | 121-1 | 3299835  | 3306872  | 3296357  | 3301021  | 0.16   | cps   |
| Arsenic    | 75-2  | 105980   | 105593   | 106460   | 106011   | 0.41   | cps   |
| Barium     | 135-1 | 4462560  | 4485986  | 4499470  | 4482672  | 0.42   | cps   |
| Barium     | 137-1 | 7772297  | 7815325  | 7790365  | 7792662  | 0.28   | cps   |
| Beryllium  | 9-1   | 850174   | 854225   | 845408   | 849936   | 0.52   | cps   |
| Bismuth    | 209-1 | 6327554  | 6351296  | 6402629  | 6360493  | 0.60   | cps   |
| Bismuth    | 209-2 | 4051239  | 4182876  | 4183004  | 4139040  | 1.84   | cps   |
| Boron      | 10-1  | 131267   | 133333   | 132585   | 132395   | 0.79   | cps   |
| Boron      | 11-1  | 572873   | 575967   | 582478   | 577106   | 0.85   | cps   |
| Cadmium    | 111-1 | 1007995  | 1018234  | 1000190  | 1008806  | 0.90   | cps   |
| Cadmium    | 106-1 | 114896   | 116576   | 111881   | 114451   | 2.08   | cps   |
| Cadmium    | 108-1 | 79563    | 77331    | 77699    | 78198    | 1.53   | cps   |
| Calcium    | 43-1  | 1058254  | 1055040  | 1058558  | 1057284  | 0.18   | cps   |
| Calcium    | 44-1  | 16991952 | 16931077 | 17108461 | 17010497 | 0.53   | cps   |
| Chromium   | 52-2  | 968759   | 965383   | 969236   | 967793   | 0.22   | cps   |
| Cobalt     | 59-2  | 1478543  | 1474714  | 1471491  | 1474916  | 0.24   | cps   |
| Copper     | 63-2  | 2096727  | 2076916  | 2088111  | 2087252  | 0.48   | cps   |
| Dysprosium | 156-1 | 142      | 108      | 108      | 119      | 16.11  | cps   |
| Dysprosium | 156-2 | 100      | 97       | 90       | 96       | 5.33   | cps   |
| Erbium     | 164-1 | 42       | 58       | 17       | 39       | 53.93  | cps   |
| Erbium     | 164-2 | 27       | 37       | 17       | 27       | 37.50  | cps   |
| Gadolinium | 160-1 | 67       | 67       | 42       | 58       | 24.74  | cps   |
| Gadolinium | 160-2 | 117      | 150      | 127      | 131      | 13.04  | cps   |
| Holmium    | 165-1 | 9279199  | 9302683  | 9367258  | 9316380  | 0.49   | cps   |
| Holmium    | 165-2 | 5309417  | 5430057  | 5415757  | 5385077  | 1.22   | cps   |
| Indium     | 115-1 | 6042396  | 6060423  | 6022511  | 6041776  | 0.31   | cps   |
| Indium     | 115-2 | 1325821  | 1365330  | 1367396  | 1352849  | 1.73   | cps   |
| Iron       | 56-2  | 42018419 | 41720915 | 41918922 | 41886085 | 0.36   | cps   |
| Iron       | 57-2  | 1056723  | 1054143  | 1055188  | 1055351  | 0.12   | cps   |
| Krypton    | 83-1  | 217      | 250      | 283      | 250      | 13.33  | cps   |
| Lead       | 206-1 | 3353047  | 3382080  | 3373859  | 3369662  | 0.44   | cps   |
| Lead       | 207-1 | 3097765  | 3127309  | 3131266  | 3118780  | 0.59   | cps   |
| Lead       | 208-1 | 13798772 | 13976018 | 13910312 | 13895034 | 0.64   | cps   |
| Lithium    | 6-1   | 2345854  | 2338438  | 2347499  | 2343930  | 0.21   | cps   |
| Magnesium  | 24-2  | 8160092  | 8095650  | 8168990  | 8141577  | 0.49   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB103076            | Operator :        | Jaswal     |
| Lab Sample ID :         | S6                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S6                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2019-05-29 12:50:19 | DataFile Name :   | 010CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 1276328  | 1270663  | 1281896  | 1276296  | 0.44   | cps   |
| Molybdenum | 94-1  | 6675800  | 6668966  | 6678100  | 6674289  | 0.07   | cps   |
| Molybdenum | 95-1  | 8086100  | 8063607  | 8057995  | 8069234  | 0.18   | cps   |
| Molybdenum | 96-1  | 8990609  | 9006774  | 8940557  | 8979313  | 0.38   | cps   |
| Molybdenum | 97-1  | 5020442  | 5063018  | 4998894  | 5027452  | 0.65   | cps   |
| Molybdenum | 98-1  | 12988977 | 13047660 | 12932114 | 12989584 | 0.44   | cps   |
| Neodymium  | 150-1 | 547      | 513      | 513      | 524      | 3.67   | cps   |
| Neodymium  | 150-2 | 50       | 70       | 67       | 62       | 17.22  | cps   |
| Nickel     | 60-2  | 369592   | 368146   | 369372   | 369037   | 0.21   | cps   |
| Phosphorus | 31-2  | 37690    | 36913    | 37181    | 37262    | 1.06   | cps   |
| Potassium  | 39-2  | 4025955  | 4005370  | 4037486  | 4022937  | 0.40   | cps   |
| Rhodium    | 103-1 | 5235865  | 5226246  | 5232614  | 5231575  | 0.09   | cps   |
| Rhodium    | 103-2 | 2550800  | 2623520  | 2614523  | 2596281  | 1.53   | cps   |
| Scandium   | 45-1  | 3961641  | 3943970  | 3996353  | 3967322  | 0.67   | cps   |
| Scandium   | 45-2  | 174405   | 180865   | 182458   | 179243   | 2.38   | cps   |
| Selenium   | 77-2  | 3304     | 3164     | 3210     | 3226     | 2.21   | cps   |
| Selenium   | 78-2  | 11219    | 11097    | 11216    | 11177    | 0.62   | cps   |
| Selenium   | 82-1  | 65498    | 64941    | 65296    | 65245    | 0.43   | cps   |
| Silicon    | 28-1  | 2319993  | 2319308  | 2328625  | 2322642  | 0.22   | cps   |
| Silver     | 109-1 | 4386346  | 4412645  | 4392792  | 4397261  | 0.31   | cps   |
| Silver     | 107-1 | 4609744  | 4593930  | 4552017  | 4585230  | 0.65   | cps   |
| Sodium     | 23-2  | 15585451 | 15395198 | 15601277 | 15527309 | 0.74   | cps   |
| Strontium  | 86-1  | 1081806  | 1089042  | 1078820  | 1083223  | 0.49   | cps   |
| Strontium  | 88-1  | 9501100  | 9514304  | 9478381  | 9497929  | 0.19   | cps   |
| Sulfur     | 34-1  | 611271   | 610766   | 608951   | 610329   | 0.20   | cps   |
| Terbium    | 159-1 | 9565294  | 9533935  | 9623770  | 9574333  | 0.48   | cps   |
| Terbium    | 159-2 | 5136498  | 5263999  | 5287260  | 5229252  | 1.55   | cps   |
| Thallium   | 203-1 | 4139724  | 4176467  | 4137803  | 4151331  | 0.52   | cps   |
| Thallium   | 205-1 | 10018420 | 10107695 | 9992622  | 10039579 | 0.60   | cps   |
| Thorium    | 232-1 | 16844109 | 16849969 | 16795920 | 16829999 | 0.18   | cps   |
| Tin        | 118-1 | 2839851  | 2831230  | 2832393  | 2834491  | 0.17   | cps   |
| Titanium   | 47-1  | 2286838  | 2292652  | 2296950  | 2292147  | 0.22   | cps   |
| Uranium    | 238-1 | 16779419 | 16849739 | 16831594 | 16820251 | 0.22   | cps   |
| Vanadium   | 51-2  | 798948   | 797207   | 804011   | 800055   | 0.44   | cps   |
| Yttrium    | 89-1  | 6396668  | 6362634  | 6378223  | 6379175  | 0.27   | cps   |
| Yttrium    | 89-2  | 1003734  | 1028151  | 1019894  | 1017260  | 1.22   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | S6                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S6                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 12:50:19 | DataFile Name :   | 010CALS.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zinc      | 66-2 | 360165  | 358620  | 361076  | 359954  | 0.34   | cps   |
| Zirconium | 90-1 | 5726257 | 5665480 | 5669448 | 5687062 | 0.60   | cps   |
| Zirconium | 91-1 | 1258164 | 1257658 | 1260476 | 1258766 | 0.12   | cps   |

LB Number : LB103076 Operator : Jaswal  
 Lab Sample ID : S7 Instrumnet Name : P7  
 Client Sample ID : S7 Dilution Factor : 1  
 Date & Time Acquired :: 2019-05-29 12:54:06 DataFile Name : 011CAL.S.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1416703  | 1427725  | 1432595  | 1425674  | 0.57   | cps   |
| Antimony   | 121-1 | 6429393  | 6442569  | 6457509  | 6443157  | 0.22   | cps   |
| Arsenic    | 75-2  | 204735   | 206117   | 205270   | 205374   | 0.34   | cps   |
| Barium     | 135-1 | 8771426  | 8849971  | 8841386  | 8820928  | 0.49   | cps   |
| Barium     | 137-1 | 15249512 | 15344221 | 15404205 | 15332646 | 0.51   | cps   |
| Beryllium  | 9-1   | 1607806  | 1616517  | 1612264  | 1612195  | 0.27   | cps   |
| Bismuth    | 209-1 | 6346736  | 6366722  | 6525425  | 6412961  | 1.53   | cps   |
| Bismuth    | 209-2 | 4055575  | 4134660  | 4094825  | 4095020  | 0.97   | cps   |
| Boron      | 10-1  | 251079   | 260517   | 264162   | 258586   | 2.61   | cps   |
| Boron      | 11-1  | 1113949  | 1116882  | 1132198  | 1121010  | 0.87   | cps   |
| Cadmium    | 111-1 | 1990588  | 1991541  | 1986709  | 1989613  | 0.13   | cps   |
| Cadmium    | 106-1 | 225855   | 225456   | 225138   | 225483   | 0.16   | cps   |
| Cadmium    | 108-1 | 152152   | 153234   | 153390   | 152925   | 0.44   | cps   |
| Calcium    | 43-1  | 2041963  | 2047305  | 2054732  | 2048000  | 0.31   | cps   |
| Calcium    | 44-1  | 32967099 | 33208985 | 33283226 | 33153103 | 0.50   | cps   |
| Chromium   | 52-2  | 1877531  | 1883001  | 1890320  | 1883617  | 0.34   | cps   |
| Cobalt     | 59-2  | 2854418  | 2850856  | 2867794  | 2857689  | 0.31   | cps   |
| Copper     | 63-2  | 4078942  | 4060986  | 4090654  | 4076860  | 0.37   | cps   |
| Dysprosium | 156-1 | 217      | 117      | 192      | 175      | 29.74  | cps   |
| Dysprosium | 156-2 | 157      | 173      | 187      | 172      | 8.73   | cps   |
| Erbium     | 164-1 | 50       | 17       | 33       | 33       | 50.00  | cps   |
| Erbium     | 164-2 | 30       | 27       | 23       | 27       | 12.51  | cps   |
| Gadolinium | 160-1 | 100      | 83       | 75       | 86       | 14.79  | cps   |
| Gadolinium | 160-2 | 153      | 170      | 137      | 153      | 10.87  | cps   |
| Holmium    | 165-1 | 9504354  | 9570473  | 9691142  | 9588656  | 0.99   | cps   |
| Holmium    | 165-2 | 5421996  | 5407111  | 5361277  | 5396794  | 0.59   | cps   |
| Indium     | 115-1 | 6008657  | 6010426  | 6113165  | 6044083  | 0.99   | cps   |
| Indium     | 115-2 | 1329484  | 1365116  | 1347845  | 1347481  | 1.32   | cps   |
| Iron       | 56-2  | 81785149 | 81403168 | 81749857 | 81646058 | 0.26   | cps   |
| Iron       | 57-2  | 2047886  | 2055649  | 2058510  | 2054015  | 0.27   | cps   |
| Krypton    | 83-1  | 233      | 267      | 323      | 274      | 16.58  | cps   |
| Lead       | 206-1 | 6564217  | 6597971  | 6688520  | 6616902  | 0.97   | cps   |
| Lead       | 207-1 | 6029401  | 6081832  | 6114317  | 6075183  | 0.71   | cps   |
| Lead       | 208-1 | 27021837 | 27246239 | 27507032 | 27258369 | 0.89   | cps   |
| Lithium    | 6-1   | 2338836  | 2337574  | 2362947  | 2346452  | 0.61   | cps   |
| Magnesium  | 24-2  | 15922309 | 15873995 | 15910983 | 15902429 | 0.16   | cps   |

LB Number : LB103076 Operator : Jaswal  
 Lab Sample ID : S7 Instrumnet Name : P7  
 Client Sample ID : S7 Dilution Factor : 1  
 Date & Time Acquired :: 2019-05-29 12:54:06 DataFile Name : 011CAL.S.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 2473656  | 2478139  | 2506196  | 2485997  | 0.71   | cps   |
| Molybdenum | 94-1  | 13071972 | 13112095 | 13128469 | 13104178 | 0.22   | cps   |
| Molybdenum | 95-1  | 15797535 | 15860085 | 15874797 | 15844139 | 0.26   | cps   |
| Molybdenum | 96-1  | 17485368 | 17687462 | 17664790 | 17612540 | 0.63   | cps   |
| Molybdenum | 97-1  | 9849411  | 9984197  | 10003486 | 9945698  | 0.84   | cps   |
| Molybdenum | 98-1  | 25387805 | 25578717 | 25494535 | 25487019 | 0.38   | cps   |
| Neodymium  | 150-1 | 807      | 747      | 767      | 773      | 3.95   | cps   |
| Neodymium  | 150-2 | 87       | 83       | 93       | 88       | 5.80   | cps   |
| Nickel     | 60-2  | 713126   | 706412   | 707557   | 709032   | 0.51   | cps   |
| Phosphorus | 31-2  | 70400    | 72996    | 73147    | 72181    | 2.14   | cps   |
| Potassium  | 39-2  | 7869722  | 7832818  | 7857666  | 7853402  | 0.24   | cps   |
| Rhodium    | 103-1 | 5138361  | 5155645  | 5267346  | 5187117  | 1.35   | cps   |
| Rhodium    | 103-2 | 2555874  | 2600275  | 2579699  | 2578616  | 0.86   | cps   |
| Scandium   | 45-1  | 3985149  | 3990409  | 4034478  | 4003345  | 0.68   | cps   |
| Scandium   | 45-2  | 182310   | 183807   | 182171   | 182763   | 0.50   | cps   |
| Selenium   | 77-2  | 6188     | 6485     | 6398     | 6357     | 2.40   | cps   |
| Selenium   | 78-2  | 21136    | 21659    | 21542    | 21446    | 1.28   | cps   |
| Selenium   | 82-1  | 122979   | 124121   | 124586   | 123895   | 0.67   | cps   |
| Silicon    | 28-1  | 4323437  | 4332373  | 4215439  | 4290416  | 1.52   | cps   |
| Silver     | 109-1 | 8092669  | 8188878  | 8209878  | 8163808  | 0.77   | cps   |
| Silver     | 107-1 | 8508997  | 8575323  | 8634841  | 8573054  | 0.73   | cps   |
| Sodium     | 23-2  | 30545828 | 30372514 | 30540909 | 30486417 | 0.32   | cps   |
| Strontium  | 86-1  | 2104837  | 2099271  | 2125794  | 2109967  | 0.66   | cps   |
| Strontium  | 88-1  | 18564805 | 18509214 | 18705486 | 18593168 | 0.54   | cps   |
| Sulfur     | 34-1  | 971045   | 966757   | 970126   | 969310   | 0.23   | cps   |
| Terbium    | 159-1 | 9718108  | 9718061  | 9824607  | 9753592  | 0.63   | cps   |
| Terbium    | 159-2 | 5276444  | 5333210  | 5336567  | 5315407  | 0.64   | cps   |
| Thallium   | 203-1 | 8150493  | 8225093  | 8326771  | 8234119  | 1.07   | cps   |
| Thallium   | 205-1 | 19467915 | 19497142 | 19855632 | 19606896 | 1.10   | cps   |
| Thorium    | 232-1 | 33416438 | 33549277 | 33856856 | 33607524 | 0.67   | cps   |
| Tin        | 118-1 | 5519165  | 5565834  | 5558716  | 5547905  | 0.45   | cps   |
| Titanium   | 47-1  | 4475562  | 4466345  | 4464834  | 4468914  | 0.13   | cps   |
| Uranium    | 238-1 | 33196591 | 33276843 | 33552689 | 33342041 | 0.56   | cps   |
| Vanadium   | 51-2  | 1571257  | 1560416  | 1582804  | 1571492  | 0.71   | cps   |
| Yttrium    | 89-1  | 6421299  | 6451882  | 6563857  | 6479013  | 1.16   | cps   |
| Yttrium    | 89-2  | 1020007  | 1035661  | 1031788  | 1029152  | 0.79   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | S7                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S7                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 12:54:06 | DataFile Name :   | 011CALS.d |

| Parameter | Mass | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|------|----------|----------|----------|----------|--------|-------|
| Zinc      | 66-2 | 699092   | 700979   | 701756   | 700609   | 0.20   | cps   |
| Zirconium | 90-1 | 11171344 | 11262337 | 11198840 | 11210841 | 0.42   | cps   |
| Zirconium | 91-1 | 2463428  | 2468712  | 2456277  | 2462806  | 0.25   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | S8                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S8                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 12:57:52 | DataFile Name :   | 012CALS.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 7930222   | 8013656   | 8059878   | 8001252   | 0.82   | cps   |
| Antimony   | 121-1 | 9312      | 9345      | 9987      | 9548      | 3.99   | cps   |
| Arsenic    | 75-2  | 309       | 315       | 306       | 310       | 1.50   | cps   |
| Barium     | 135-1 | 1317      | 1183      | 1308      | 1270      | 5.88   | cps   |
| Barium     | 137-1 | 2442      | 2292      | 2375      | 2370      | 3.17   | cps   |
| Beryllium  | 9-1   | 350       | 407       | 330       | 362       | 10.98  | cps   |
| Bismuth    | 209-1 | 5578723   | 5626747   | 5558356   | 5587942   | 0.63   | cps   |
| Bismuth    | 209-2 | 3681494   | 3725144   | 3705213   | 3703950   | 0.59   | cps   |
| Boron      | 10-1  | 11780     | 10637     | 9695      | 10704     | 9.75   | cps   |
| Boron      | 11-1  | 49633     | 46121     | 41884     | 45879     | 8.46   | cps   |
| Cadmium    | 111-1 | 2131      | 2377      | 2086      | 2198      | 7.14   | cps   |
| Cadmium    | 106-1 | 2634      | 3017      | 2625      | 2759      | 8.11   | cps   |
| Cadmium    | 108-1 | 42        | 38        | 63        | 47        | 28.36  | cps   |
| Calcium    | 43-1  | 10497783  | 10683434  | 10684351  | 10621856  | 1.01   | cps   |
| Calcium    | 44-1  | 170023391 | 172624637 | 173678321 | 172108783 | 1.09   | cps   |
| Chromium   | 52-2  | 15305     | 15452     | 15381     | 15379     | 0.48   | cps   |
| Cobalt     | 59-2  | 36175     | 36950     | 36549     | 36558     | 1.06   | cps   |
| Copper     | 63-2  | 5111      | 4914      | 5184      | 5070      | 2.75   | cps   |
| Dysprosium | 156-1 | 92        | 117       | 75        | 94        | 22.21  | cps   |
| Dysprosium | 156-2 | 33        | 23        | 43        | 33        | 30.00  | cps   |
| Erbium     | 164-1 | 75        | 42        | 75        | 64        | 30.12  | cps   |
| Erbium     | 164-2 | 23        | 20        | 20        | 21        | 9.11   | cps   |
| Gadolinium | 160-1 | 92        | 75        | 125       | 97        | 26.19  | cps   |
| Gadolinium | 160-2 | 183       | 187       | 150       | 173       | 11.70  | cps   |
| Holmium    | 165-1 | 9059194   | 9091781   | 9078748   | 9076575   | 0.18   | cps   |
| Holmium    | 165-2 | 5380730   | 5426167   | 5425634   | 5410844   | 0.48   | cps   |
| Indium     | 115-1 | 5801964   | 5878512   | 5851734   | 5844070   | 0.66   | cps   |
| Indium     | 115-2 | 1400746   | 1420399   | 1401576   | 1407574   | 0.79   | cps   |
| Iron       | 56-2  | 425524665 | 426860265 | 430716832 | 427700587 | 0.63   | cps   |
| Iron       | 57-2  | 10623574  | 10762832  | 10768901  | 10718436  | 0.77   | cps   |
| Krypton    | 83-1  | 213       | 247       | 300       | 253       | 17.26  | cps   |
| Lead       | 206-1 | 7085      | 6530      | 6696      | 6770      | 4.21   | cps   |
| Lead       | 207-1 | 6063      | 5824      | 6202      | 6029      | 3.17   | cps   |
| Lead       | 208-1 | 28196     | 27034     | 27540     | 27590     | 2.11   | cps   |
| Lithium    | 6-1   | 2320217   | 2347027   | 2348255   | 2338500   | 0.68   | cps   |
| Magnesium  | 24-2  | 83999631  | 84538187  | 85507394  | 84681737  | 0.90   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | S8                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S8                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 12:57:52 | DataFile Name :   | 012CALS.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Manganese  | 55-2  | 10557     | 10661     | 10787     | 10668     | 1.08   | cps   |
| Molybdenum | 94-1  | 6860      | 6602      | 5876      | 6446      | 7.91   | cps   |
| Molybdenum | 95-1  | 10037     | 9145      | 9604      | 9595      | 4.65   | cps   |
| Molybdenum | 96-1  | 12856     | 12281     | 12122     | 12420     | 3.11   | cps   |
| Molybdenum | 97-1  | 5851      | 6018      | 5893      | 5921      | 1.47   | cps   |
| Molybdenum | 98-1  | 15200     | 14241     | 13824     | 14422     | 4.89   | cps   |
| Neodymium  | 150-1 | 120       | 153       | 100       | 124       | 21.65  | cps   |
| Neodymium  | 150-2 | 50        | 70        | 73        | 64        | 19.59  | cps   |
| Nickel     | 60-2  | 9440      | 9700      | 9930      | 9690      | 2.53   | cps   |
| Phosphorus | 31-2  | 133       | 125       | 150       | 136       | 9.35   | cps   |
| Potassium  | 39-2  | 42838526  | 43286790  | 43832400  | 43319238  | 1.15   | cps   |
| Rhodium    | 103-1 | 4845406   | 4900112   | 4908455   | 4884658   | 0.70   | cps   |
| Rhodium    | 103-2 | 2516603   | 2572026   | 2552701   | 2547110   | 1.10   | cps   |
| Scandium   | 45-1  | 4087608   | 4126719   | 4101681   | 4105336   | 0.48   | cps   |
| Scandium   | 45-2  | 201635    | 207427    | 206680    | 205247    | 1.53   | cps   |
| Selenium   | 77-2  | 3         | 0         | 3         | 2         | 86.60  | cps   |
| Selenium   | 78-2  | 44        | 43        | 41        | 43        | 4.34   | cps   |
| Selenium   | 82-1  | 207       | 275       | 192       | 225       | 19.80  | cps   |
| Silicon    | 28-1  | 371825    | 381072    | 387175    | 380024    | 2.03   | cps   |
| Silver     | 109-1 | 667       | 608       | 600       | 625       | 5.81   | cps   |
| Silver     | 107-1 | 783       | 808       | 667       | 753       | 10.04  | cps   |
| Sodium     | 23-2  | 161716054 | 163876308 | 165425829 | 163672730 | 1.14   | cps   |
| Strontium  | 86-1  | 9003      | 9687      | 9912      | 9534      | 4.96   | cps   |
| Strontium  | 88-1  | 78934     | 77109     | 78038     | 78027     | 1.17   | cps   |
| Sulfur     | 34-1  | 245559    | 252116    | 258752    | 252142    | 2.62   | cps   |
| Terbium    | 159-1 | 9279076   | 9304051   | 9198726   | 9260618   | 0.59   | cps   |
| Terbium    | 159-2 | 5233774   | 5360782   | 5318517   | 5304358   | 1.22   | cps   |
| Thallium   | 203-1 | 2342      | 2284      | 2209      | 2278      | 2.93   | cps   |
| Thallium   | 205-1 | 5210      | 5351      | 4843      | 5135      | 5.11   | cps   |
| Thorium    | 232-1 | 7641      | 6435      | 6374      | 6817      | 10.48  | cps   |
| Tin        | 118-1 | 4468      | 4026      | 4059      | 4184      | 5.88   | cps   |
| Titanium   | 47-1  | 2084      | 1909      | 1750      | 1914      | 8.71   | cps   |
| Uranium    | 238-1 | 2767      | 2259      | 2100      | 2375      | 14.67  | cps   |
| Vanadium   | 51-2  | 223       | 267       | 273       | 254       | 10.67  | cps   |
| Yttrium    | 89-1  | 6385284   | 6473600   | 6404963   | 6421282   | 0.72   | cps   |
| Yttrium    | 89-2  | 1096015   | 1112233   | 1113417   | 1107222   | 0.88   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | S8                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S8                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 12:57:52 | DataFile Name :   | 012CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zinc      | 66-2 | 5438 | 5234 | 5338 | 5337    | 1.91   | cps   |
| Zirconium | 90-1 | 3534 | 3309 | 3234 | 3359    | 4.65   | cps   |
| Zirconium | 91-1 | 775  | 750  | 858  | 795     | 7.14   | cps   |

LB Number : LB103076 Operator : Jaswal  
 Lab Sample ID : ICV01 Instrumnet Name : P7  
 Client Sample ID : ICV01 Dilution Factor : 1  
 Date & Time Acquired :: 2019-05-29 13:13:38 DataFile Name : 014ICV01.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3    | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|---------|----------|--------|-------|
| Aluminium  | 27-2  | 43071    | 42436    | 42369   | 42626    | 0.91   | cps   |
| Antimony   | 121-1 | 1425420  | 1421736  | 1411992 | 1419716  | 0.49   | cps   |
| Arsenic    | 75-2  | 51119    | 51205    | 51407   | 51244    | 0.29   | cps   |
| Barium     | 135-1 | 195751   | 193038   | 192744  | 193845   | 0.86   | cps   |
| Barium     | 137-1 | 336663   | 336342   | 340759  | 337921   | 0.73   | cps   |
| Beryllium  | 9-1   | 199119   | 197042   | 197381  | 197848   | 0.56   | cps   |
| Bismuth    | 209-1 | 6950236  | 6892320  | 6857133 | 6899896  | 0.68   | cps   |
| Bismuth    | 209-2 | 4732338  | 4689769  | 4730476 | 4717528  | 0.51   | cps   |
| Boron      | 10-1  | 2950     | 3326     | 3059    | 3112     | 6.20   | cps   |
| Boron      | 11-1  | 14332    | 13882    | 13031   | 13748    | 4.81   | cps   |
| Cadmium    | 111-1 | 201646   | 204176   | 202291  | 202704   | 0.65   | cps   |
| Cadmium    | 106-1 | 20574    | 21484    | 20699   | 20919    | 2.36   | cps   |
| Cadmium    | 108-1 | 13507    | 12664    | 12418   | 12863    | 4.44   | cps   |
| Calcium    | 43-1  | 51499    | 50654    | 50002   | 50719    | 1.48   | cps   |
| Calcium    | 44-1  | 831995   | 817517   | 822098  | 823870   | 0.90   | cps   |
| Chromium   | 52-2  | 233759   | 235416   | 234071  | 234416   | 0.38   | cps   |
| Cobalt     | 59-2  | 368985   | 366649   | 363166  | 366267   | 0.80   | cps   |
| Copper     | 63-2  | 247518   | 245752   | 245167  | 246145   | 0.50   | cps   |
| Dysprosium | 156-1 | 0        | 8        | 17      | 8        | 100.02 | cps   |
| Dysprosium | 156-2 | 3        | 10       | 10      | 8        | 49.52  | cps   |
| Erbium     | 164-1 | 83       | 58       | 50      | 64       | 27.15  | cps   |
| Erbium     | 164-2 | 40       | 37       | 30      | 36       | 14.32  | cps   |
| Gadolinium | 160-1 | 42       | 42       | 83      | 56       | 43.30  | cps   |
| Gadolinium | 160-2 | 217      | 127      | 197     | 180      | 26.25  | cps   |
| Holmium    | 165-1 | 10173718 | 10031734 | 9993776 | 10066409 | 0.94   | cps   |
| Holmium    | 165-2 | 6036620  | 5958364  | 5997509 | 5997498  | 0.65   | cps   |
| Indium     | 115-1 | 7236765  | 7176041  | 7141711 | 7184839  | 0.67   | cps   |
| Indium     | 115-2 | 1695752  | 1702506  | 1682916 | 1693725  | 0.59   | cps   |
| Iron       | 56-2  | 2067352  | 2047998  | 2062314 | 2059221  | 0.49   | cps   |
| Iron       | 57-2  | 52477    | 51970    | 51457   | 51968    | 0.98   | cps   |
| Krypton    | 83-1  | 300      | 300      | 277     | 292      | 4.61   | cps   |
| Lead       | 206-1 | 1406702  | 1400300  | 1387656 | 1398219  | 0.69   | cps   |
| Lead       | 207-1 | 1255250  | 1239040  | 1231690 | 1241994  | 0.97   | cps   |
| Lead       | 208-1 | 5706203  | 5655688  | 5617916 | 5659936  | 0.78   | cps   |
| Lithium    | 6-1   | 2856008  | 2833147  | 2815762 | 2834972  | 0.71   | cps   |
| Magnesium  | 24-2  | 238587   | 238791   | 236167  | 237848   | 0.61   | cps   |

LB Number : LB103076 Operator : Jaswal  
 Lab Sample ID : ICV01 Instrumnet Name : P7  
 Client Sample ID : ICV01 Dilution Factor : 1  
 Date & Time Acquired :: 2019-05-29 13:13:38 DataFile Name : 014ICV01.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 150208   | 149737   | 149493   | 149813   | 0.24   | cps   |
| Molybdenum | 94-1  | 467      | 517      | 450      | 478      | 7.26   | cps   |
| Molybdenum | 95-1  | 333      | 383      | 367      | 361      | 7.05   | cps   |
| Molybdenum | 96-1  | 567      | 592      | 392      | 517      | 21.09  | cps   |
| Molybdenum | 97-1  | 233      | 208      | 158      | 200      | 19.10  | cps   |
| Molybdenum | 98-1  | 533      | 600      | 542      | 558      | 6.51   | cps   |
| Neodymium  | 150-1 | 13       | 33       | 33       | 27       | 43.31  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 7        | 2        | 173.21 | cps   |
| Nickel     | 60-2  | 93693    | 92285    | 93563    | 93180    | 0.84   | cps   |
| Phosphorus | 31-2  | 108      | 167      | 108      | 128      | 26.35  | cps   |
| Potassium  | 39-2  | 399971   | 402975   | 397832   | 400260   | 0.65   | cps   |
| Rhodium    | 103-1 | 6594282  | 6531075  | 6456874  | 6527410  | 1.05   | cps   |
| Rhodium    | 103-2 | 3319661  | 3321667  | 3283711  | 3308346  | 0.65   | cps   |
| Scandium   | 45-1  | 4981050  | 4961955  | 4962212  | 4968406  | 0.22   | cps   |
| Scandium   | 45-2  | 236608   | 235076   | 232599   | 234761   | 0.86   | cps   |
| Selenium   | 77-2  | 1597     | 1573     | 1697     | 1622     | 4.04   | cps   |
| Selenium   | 78-2  | 5566     | 5433     | 5397     | 5465     | 1.63   | cps   |
| Selenium   | 82-1  | 30495    | 31012    | 30955    | 30821    | 0.92   | cps   |
| Silicon    | 28-1  | 169147   | 170399   | 169821   | 169789   | 0.37   | cps   |
| Silver     | 109-1 | 894848   | 885008   | 886211   | 888689   | 0.60   | cps   |
| Silver     | 107-1 | 940639   | 928903   | 916031   | 928524   | 1.33   | cps   |
| Sodium     | 23-2  | 748234   | 742315   | 743023   | 744524   | 0.43   | cps   |
| Strontium  | 86-1  | 6602     | 6177     | 5685     | 6154     | 7.46   | cps   |
| Strontium  | 88-1  | 50799    | 49495    | 51669    | 50654    | 2.16   | cps   |
| Sulfur     | 34-1  | 294854   | 291238   | 290802   | 292298   | 0.76   | cps   |
| Terbium    | 159-1 | 10414830 | 10386101 | 10307122 | 10369351 | 0.54   | cps   |
| Terbium    | 159-2 | 5950226  | 5936208  | 5913501  | 5933312  | 0.31   | cps   |
| Thallium   | 203-1 | 1733387  | 1713298  | 1713914  | 1720200  | 0.66   | cps   |
| Thallium   | 205-1 | 4146968  | 4077892  | 4069340  | 4098067  | 1.04   | cps   |
| Thorium    | 232-1 | 1272     | 1178     | 1245     | 1232     | 3.94   | cps   |
| Tin        | 118-1 | 567      | 700      | 658      | 642      | 10.63  | cps   |
| Titanium   | 47-1  | 150      | 192      | 142      | 161      | 16.63  | cps   |
| Uranium    | 238-1 | 300      | 208      | 250      | 253      | 18.16  | cps   |
| Vanadium   | 51-2  | 191833   | 194071   | 191766   | 192557   | 0.68   | cps   |
| Yttrium    | 89-1  | 7700056  | 7608608  | 7644732  | 7651132  | 0.60   | cps   |
| Yttrium    | 89-2  | 1282462  | 1271744  | 1270364  | 1274857  | 0.52   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB103076            | Operator :        | Jaswal     |
| Lab Sample ID :         | ICV01               | Instrumnet Name : | P7         |
| Client Sample ID :      | ICV01               | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2019-05-29 13:13:38 | DataFile Name :   | 014ICV01.d |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zinc      | 66-2 | 82998 | 81861 | 83071 | 82643   | 0.82   | cps   |
| Zirconium | 90-1 | 783   | 892   | 792   | 822     | 7.33   | cps   |
| Zirconium | 91-1 | 442   | 467   | 308   | 406     | 20.99  | cps   |

LB Number : LB103076 Operator : Jaswal  
 Lab Sample ID : ICB01 Instrumnet Name : P7  
 Client Sample ID : ICB01 Dilution Factor : 1  
 Date & Time Acquired :: 2019-05-29 13:17:20 DataFile Name : 015CCBE.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3    | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|---------|----------|--------|-------|
| Aluminium  | 27-2  | 50       | 75       | 75      | 67       | 21.65  | cps   |
| Antimony   | 121-1 | 1167     | 1233     | 1383    | 1261     | 8.80   | cps   |
| Arsenic    | 75-2  | 7        | 15       | 13      | 12       | 32.84  | cps   |
| Barium     | 135-1 | 83       | 75       | 92      | 83       | 10.00  | cps   |
| Barium     | 137-1 | 67       | 83       | 100     | 83       | 20.00  | cps   |
| Beryllium  | 9-1   | 173      | 183      | 133     | 163      | 16.20  | cps   |
| Bismuth    | 209-1 | 6977271  | 6917282  | 6892561 | 6929038  | 0.63   | cps   |
| Bismuth    | 209-2 | 4726800  | 4685866  | 4678298 | 4696988  | 0.56   | cps   |
| Boron      | 10-1  | 2584     | 2409     | 2417    | 2470     | 4.00   | cps   |
| Boron      | 11-1  | 10446    | 10938    | 10020   | 10468    | 4.39   | cps   |
| Cadmium    | 111-1 | 2358     | 2122     | 2263    | 2248     | 5.29   | cps   |
| Cadmium    | 106-1 | 3326     | 2992     | 3142    | 3153     | 5.30   | cps   |
| Cadmium    | 108-1 | 4        | 8        | 4       | 6        | 43.22  | cps   |
| Calcium    | 43-1  | 167      | 142      | 92      | 133      | 28.64  | cps   |
| Calcium    | 44-1  | 7486     | 6919     | 6910    | 7105     | 4.64   | cps   |
| Chromium   | 52-2  | 597      | 657      | 540     | 598      | 9.76   | cps   |
| Cobalt     | 59-2  | 80       | 93       | 67      | 80       | 16.67  | cps   |
| Copper     | 63-2  | 403      | 490      | 460     | 451      | 9.76   | cps   |
| Dysprosium | 156-1 | 8        | 0        | 0       | 3        | 173.21 | cps   |
| Dysprosium | 156-2 | 3        | 0        | 0       | 1        | 173.21 | cps   |
| Erbium     | 164-1 | 42       | 8        | 42      | 31       | 62.99  | cps   |
| Erbium     | 164-2 | 17       | 20       | 7       | 14       | 48.02  | cps   |
| Gadolinium | 160-1 | 50       | 67       | 75      | 64       | 19.92  | cps   |
| Gadolinium | 160-2 | 180      | 193      | 177     | 183      | 4.81   | cps   |
| Holmium    | 165-1 | 10118153 | 10074847 | 9973838 | 10055612 | 0.74   | cps   |
| Holmium    | 165-2 | 6039967  | 6015477  | 6009427 | 6021624  | 0.27   | cps   |
| Indium     | 115-1 | 7228120  | 7217834  | 7200003 | 7215319  | 0.20   | cps   |
| Indium     | 115-2 | 1709177  | 1704239  | 1709330 | 1707582  | 0.17   | cps   |
| Iron       | 56-2  | 4251     | 4051     | 4012    | 4104     | 3.12   | cps   |
| Iron       | 57-2  | 133      | 139      | 139     | 137      | 2.34   | cps   |
| Krypton    | 83-1  | 277      | 317      | 283     | 292      | 7.34   | cps   |
| Lead       | 206-1 | 494      | 467      | 478     | 480      | 2.92   | cps   |
| Lead       | 207-1 | 367      | 461      | 428     | 419      | 11.45  | cps   |
| Lead       | 208-1 | 1800     | 1895     | 1739    | 1811     | 4.33   | cps   |
| Lithium    | 6-1   | 2845611  | 2843207  | 2834178 | 2840998  | 0.21   | cps   |
| Magnesium  | 24-2  | 400      | 475      | 408     | 428      | 9.61   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB01               | Instrumnet Name : | P7        |
| Client Sample ID :      | ICB01               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 13:17:20 | DataFile Name :   | 015CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 60       | 73       | 70       | 68       | 10.24  | cps   |
| Molybdenum | 94-1  | 392      | 308      | 333      | 344      | 12.42  | cps   |
| Molybdenum | 95-1  | 225      | 217      | 250      | 231      | 7.52   | cps   |
| Molybdenum | 96-1  | 258      | 292      | 258      | 269      | 7.14   | cps   |
| Molybdenum | 97-1  | 117      | 217      | 133      | 156      | 34.44  | cps   |
| Molybdenum | 98-1  | 375      | 292      | 367      | 344      | 13.33  | cps   |
| Neodymium  | 150-1 | 0        | 0        | 7        | 2        | 173.21 | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Nickel     | 60-2  | 83       | 80       | 57       | 73       | 19.81  | cps   |
| Phosphorus | 31-2  | 108      | 83       | 100      | 97       | 13.09  | cps   |
| Potassium  | 39-2  | 15734    | 15817    | 16168    | 15906    | 1.45   | cps   |
| Rhodium    | 103-1 | 6560922  | 6563795  | 6551807  | 6558841  | 0.10   | cps   |
| Rhodium    | 103-2 | 3356894  | 3319176  | 3337298  | 3337789  | 0.57   | cps   |
| Scandium   | 45-1  | 5017975  | 4981001  | 4971585  | 4990187  | 0.49   | cps   |
| Scandium   | 45-2  | 240892   | 236740   | 238102   | 238578   | 0.89   | cps   |
| Selenium   | 77-2  | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 56       | 43       | 52       | 50       | 13.36  | cps   |
| Selenium   | 82-1  | 183      | 180      | 168      | 177      | 4.34   | cps   |
| Silicon    | 28-1  | 164924   | 164976   | 165296   | 165065   | 0.12   | cps   |
| Silver     | 109-1 | 200      | 258      | 217      | 225      | 13.35  | cps   |
| Silver     | 107-1 | 300      | 142      | 267      | 236      | 35.35  | cps   |
| Sodium     | 23-2  | 8619     | 8361     | 7827     | 8269     | 4.88   | cps   |
| Strontium  | 86-1  | 367      | 525      | 525      | 472      | 19.36  | cps   |
| Strontium  | 88-1  | 300      | 242      | 275      | 272      | 10.75  | cps   |
| Sulfur     | 34-1  | 292563   | 292156   | 295232   | 293317   | 0.57   | cps   |
| Terbium    | 159-1 | 10443218 | 10307953 | 10313303 | 10354825 | 0.74   | cps   |
| Terbium    | 159-2 | 6029031  | 5970041  | 5947117  | 5982063  | 0.71   | cps   |
| Thallium   | 203-1 | 692      | 658      | 658      | 669      | 2.88   | cps   |
| Thallium   | 205-1 | 1492     | 1383     | 1367     | 1414     | 4.80   | cps   |
| Thorium    | 232-1 | 600      | 600      | 856      | 685      | 21.53  | cps   |
| Tin        | 118-1 | 558      | 633      | 567      | 586      | 7.01   | cps   |
| Titanium   | 47-1  | 142      | 100      | 117      | 119      | 17.56  | cps   |
| Uranium    | 238-1 | 175      | 217      | 217      | 203      | 11.86  | cps   |
| Vanadium   | 51-2  | 23       | 17       | 17       | 19       | 20.36  | cps   |
| Yttrium    | 89-1  | 7678484  | 7654494  | 7659434  | 7664137  | 0.17   | cps   |
| Yttrium    | 89-2  | 1293427  | 1274739  | 1284333  | 1284166  | 0.73   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB01               | Instrumnet Name : | P7        |
| Client Sample ID :      | ICB01               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 13:17:20 | DataFile Name :   | 015CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zinc      | 66-2 | 253  | 307  | 340  | 300     | 14.57  | cps   |
| Zirconium | 90-1 | 658  | 633  | 733  | 675     | 7.71   | cps   |
| Zirconium | 91-1 | 142  | 167  | 58   | 122     | 46.41  | cps   |

LB Number : LB103076 Operator : Jaswal  
 Lab Sample ID : ICSA01 Instrumnet Name : P7  
 Client Sample ID : ICSA01 Dilution Factor : 1  
 Date & Time Acquired :: 2019-05-29 13:20:57 DataFile Name : 016ICSA01.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 7562983   | 7528670   | 7460523   | 7517392   | 0.69   | cps   |
| Antimony   | 121-1 | 8495      | 8036      | 8278      | 8269      | 2.77   | cps   |
| Arsenic    | 75-2  | 65        | 100       | 80        | 81        | 21.68  | cps   |
| Barium     | 135-1 | 2784      | 3326      | 2834      | 2981      | 10.04  | cps   |
| Barium     | 137-1 | 4834      | 4918      | 4926      | 4893      | 1.04   | cps   |
| Beryllium  | 9-1   | 620       | 667       | 587       | 624       | 6.44   | cps   |
| Bismuth    | 209-1 | 6237063   | 6295999   | 6395078   | 6309380   | 1.27   | cps   |
| Bismuth    | 209-2 | 4153128   | 4234430   | 4229573   | 4205711   | 1.08   | cps   |
| Boron      | 10-1  | 2125      | 2017      | 2050      | 2064      | 2.69   | cps   |
| Boron      | 11-1  | 8861      | 8503      | 8469      | 8611      | 2.52   | cps   |
| Cadmium    | 111-1 | 2869      | 2847      | 3068      | 2928      | 4.17   | cps   |
| Cadmium    | 106-1 | 2700      | 2609      | 2717      | 2675      | 2.18   | cps   |
| Cadmium    | 108-1 | 2650      | 2542      | 2554      | 2582      | 2.30   | cps   |
| Calcium    | 43-1  | 2305215   | 2312162   | 2330733   | 2316037   | 0.57   | cps   |
| Calcium    | 44-1  | 37340045  | 37509094  | 37752168  | 37533769  | 0.55   | cps   |
| Chromium   | 52-2  | 44989     | 43501     | 43294     | 43928     | 2.10   | cps   |
| Cobalt     | 59-2  | 4094      | 4181      | 4017      | 4097      | 2.00   | cps   |
| Copper     | 63-2  | 17277     | 17264     | 17474     | 17338     | 0.68   | cps   |
| Dysprosium | 156-1 | 25        | 33        | 25        | 28        | 17.31  | cps   |
| Dysprosium | 156-2 | 27        | 10        | 13        | 17        | 52.93  | cps   |
| Erbium     | 164-1 | 33        | 75        | 50        | 53        | 39.74  | cps   |
| Erbium     | 164-2 | 57        | 13        | 43        | 38        | 58.76  | cps   |
| Gadolinium | 160-1 | 58        | 50        | 67        | 58        | 14.29  | cps   |
| Gadolinium | 160-2 | 160       | 203       | 170       | 178       | 12.76  | cps   |
| Holmium    | 165-1 | 9611161   | 9782350   | 9938520   | 9777344   | 1.67   | cps   |
| Holmium    | 165-2 | 5711098   | 5709451   | 5767476   | 5729341   | 0.58   | cps   |
| Indium     | 115-1 | 6373191   | 6448737   | 6528372   | 6450100   | 1.20   | cps   |
| Indium     | 115-2 | 1490368   | 1513229   | 1523688   | 1509095   | 1.13   | cps   |
| Iron       | 56-2  | 188473799 | 186034460 | 185074249 | 186527502 | 0.94   | cps   |
| Iron       | 57-2  | 4682030   | 4669973   | 4666487   | 4672830   | 0.17   | cps   |
| Krypton    | 83-1  | 263       | 303       | 297       | 288       | 7.45   | cps   |
| Lead       | 206-1 | 32462     | 31243     | 31822     | 31842     | 1.92   | cps   |
| Lead       | 207-1 | 25057     | 25341     | 26599     | 25666     | 3.20   | cps   |
| Lead       | 208-1 | 120530    | 120772    | 123084    | 121462    | 1.16   | cps   |
| Lithium    | 6-1   | 2494460   | 2511839   | 2541162   | 2515820   | 0.94   | cps   |
| Magnesium  | 24-2  | 18195704  | 18102576  | 17976184  | 18091488  | 0.61   | cps   |

LB Number : LB103076 Operator : Jaswal  
 Lab Sample ID : ICSA01 Instrumnet Name : P7  
 Client Sample ID : ICSA01 Dilution Factor : 1  
 Date & Time Acquired :: 2019-05-29 13:20:57 DataFile Name : 016ICSA01.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 11241    | 11295    | 10904    | 11147    | 1.90   | cps   |
| Molybdenum | 94-1  | 3866411  | 3864734  | 3940868  | 3890671  | 1.12   | cps   |
| Molybdenum | 95-1  | 6833057  | 6875675  | 6947802  | 6885511  | 0.84   | cps   |
| Molybdenum | 96-1  | 7321079  | 7343612  | 7474146  | 7379612  | 1.12   | cps   |
| Molybdenum | 97-1  | 4233945  | 4247121  | 4302591  | 4261219  | 0.85   | cps   |
| Molybdenum | 98-1  | 10912684 | 11045064 | 11202022 | 11053257 | 1.31   | cps   |
| Neodymium  | 150-1 | 33       | 33       | 40       | 36       | 10.83  | cps   |
| Neodymium  | 150-2 | 13       | 17       | 20       | 17       | 20.01  | cps   |
| Nickel     | 60-2  | 4584     | 4591     | 4401     | 4525     | 2.38   | cps   |
| Phosphorus | 31-2  | 404701   | 404123   | 403232   | 404019   | 0.18   | cps   |
| Potassium  | 39-2  | 18098413 | 17948752 | 17936458 | 17994541 | 0.50   | cps   |
| Rhodium    | 103-1 | 5510512  | 5567867  | 5671760  | 5583380  | 1.46   | cps   |
| Rhodium    | 103-2 | 2817036  | 2857718  | 2871859  | 2848871  | 1.00   | cps   |
| Scandium   | 45-1  | 4368405  | 4395092  | 4407243  | 4390247  | 0.45   | cps   |
| Scandium   | 45-2  | 206500   | 209116   | 209147   | 208255   | 0.73   | cps   |
| Selenium   | 77-2  | 0        | 0        | 7        | 2        | 173.21 | cps   |
| Selenium   | 78-2  | 57       | 43       | 48       | 49       | 15.16  | cps   |
| Selenium   | 82-1  | 163      | 184      | 178      | 175      | 6.06   | cps   |
| Silicon    | 28-1  | 246431   | 249387   | 250710   | 248843   | 0.88   | cps   |
| Silver     | 109-1 | 425      | 533      | 575      | 511      | 15.15  | cps   |
| Silver     | 107-1 | 600      | 508      | 742      | 617      | 19.06  | cps   |
| Sodium     | 23-2  | 34710893 | 34459468 | 34350398 | 34506920 | 0.54   | cps   |
| Strontium  | 86-1  | 79923    | 80148    | 79964    | 80012    | 0.15   | cps   |
| Strontium  | 88-1  | 696721   | 698761   | 710320   | 701934   | 1.04   | cps   |
| Sulfur     | 34-1  | 4310280  | 3915444  | 3954374  | 4060033  | 5.36   | cps   |
| Terbium    | 159-1 | 9885712  | 9924785  | 10094985 | 9968494  | 1.12   | cps   |
| Terbium    | 159-2 | 5581285  | 5671617  | 5695317  | 5649406  | 1.07   | cps   |
| Thallium   | 203-1 | 1575     | 1433     | 1750     | 1586     | 10.00  | cps   |
| Thallium   | 205-1 | 3176     | 3867     | 4143     | 3728     | 13.36  | cps   |
| Thorium    | 232-1 | 1272     | 1422     | 1261     | 1319     | 6.83   | cps   |
| Tin        | 118-1 | 1550     | 1458     | 1684     | 1564     | 7.24   | cps   |
| Titanium   | 47-1  | 2066997  | 2068734  | 2081692  | 2072474  | 0.39   | cps   |
| Uranium    | 238-1 | 708      | 867      | 742      | 772      | 10.81  | cps   |
| Vanadium   | 51-2  | 373      | 380      | 307      | 353      | 11.48  | cps   |
| Yttrium    | 89-1  | 6886852  | 6986338  | 7071946  | 6981712  | 1.33   | cps   |
| Yttrium    | 89-2  | 1151059  | 1163529  | 1167256  | 1160615  | 0.73   | cps   |

|                         |                     |                   |             |
|-------------------------|---------------------|-------------------|-------------|
| LB Number :             | LB103076            | Operator :        | Jaswal      |
| Lab Sample ID :         | ICSA01              | Instrumnet Name : | P7          |
| Client Sample ID :      | ICSA01              | Dilution Factor : | 1           |
| Date & Time Acquired :: | 2019-05-29 13:20:57 | DataFile Name :   | 016ICSA01.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zinc      | 66-2 | 4424 | 4301 | 4421 | 4382    | 1.60   | cps   |
| Zirconium | 90-1 | 933  | 908  | 933  | 925     | 1.56   | cps   |
| Zirconium | 91-1 | 167  | 217  | 367  | 250     | 41.63  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB01             | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSAB01             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 13:24:34 | DataFile Name :   | 017ICSB.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 7423738   | 7429129   | 7441794   | 7431554   | 0.12   | cps   |
| Antimony   | 121-1 | 149100    | 150642    | 148561    | 149435    | 0.72   | cps   |
| Arsenic    | 75-2  | 4775      | 4710      | 4880      | 4788      | 1.80   | cps   |
| Barium     | 135-1 | 41713     | 43277     | 42566     | 42519     | 1.84   | cps   |
| Barium     | 137-1 | 73386     | 72498     | 72297     | 72727     | 0.80   | cps   |
| Beryllium  | 9-1   | 36394     | 36985     | 36725     | 36701     | 0.81   | cps   |
| Bismuth    | 209-1 | 6464389   | 6466219   | 6457853   | 6462820   | 0.07   | cps   |
| Bismuth    | 209-2 | 4239343   | 4267552   | 4267734   | 4258210   | 0.38   | cps   |
| Boron      | 10-1  | 16651     | 17144     | 17769     | 17188     | 3.26   | cps   |
| Boron      | 11-1  | 75698     | 75422     | 78111     | 76410     | 1.94   | cps   |
| Cadmium    | 111-1 | 41383     | 41918     | 41290     | 41530     | 0.82   | cps   |
| Cadmium    | 106-1 | 8778      | 9354      | 8428      | 8853      | 5.28   | cps   |
| Cadmium    | 108-1 | 5964      | 5943      | 5968      | 5958      | 0.22   | cps   |
| Calcium    | 43-1  | 2356965   | 2366418   | 2342271   | 2355218   | 0.52   | cps   |
| Calcium    | 44-1  | 38187572  | 38362831  | 38151321  | 38233908  | 0.30   | cps   |
| Chromium   | 52-2  | 86730     | 85814     | 85661     | 86068     | 0.67   | cps   |
| Cobalt     | 59-2  | 69785     | 69594     | 70086     | 69822     | 0.36   | cps   |
| Copper     | 63-2  | 61141     | 59745     | 60812     | 60566     | 1.20   | cps   |
| Dysprosium | 156-1 | 42        | 50        | 42        | 44        | 10.82  | cps   |
| Dysprosium | 156-2 | 30        | 37        | 20        | 29        | 29.04  | cps   |
| Erbium     | 164-1 | 108       | 33        | 25        | 56        | 82.62  | cps   |
| Erbium     | 164-2 | 27        | 27        | 33        | 29        | 13.31  | cps   |
| Gadolinium | 160-1 | 92        | 100       | 83        | 92        | 9.09   | cps   |
| Gadolinium | 160-2 | 147       | 143       | 157       | 149       | 4.66   | cps   |
| Holmium    | 165-1 | 10022559  | 10014073  | 9996817   | 10011150  | 0.13   | cps   |
| Holmium    | 165-2 | 5804343   | 5823139   | 5779680   | 5802387   | 0.38   | cps   |
| Indium     | 115-1 | 6626097   | 6661743   | 6658645   | 6648828   | 0.30   | cps   |
| Indium     | 115-2 | 1515869   | 1528233   | 1524541   | 1522881   | 0.42   | cps   |
| Iron       | 56-2  | 185821771 | 184375987 | 183449510 | 184549089 | 0.65   | cps   |
| Iron       | 57-2  | 4619869   | 4612271   | 4617686   | 4616609   | 0.08   | cps   |
| Krypton    | 83-1  | 280       | 290       | 320       | 297       | 7.02   | cps   |
| Lead       | 206-1 | 176049    | 176522    | 176404    | 176325    | 0.14   | cps   |
| Lead       | 207-1 | 149851    | 148031    | 151486    | 149789    | 1.15   | cps   |
| Lead       | 208-1 | 688177    | 686346    | 688337    | 687620    | 0.16   | cps   |
| Lithium    | 6-1   | 2544432   | 2546722   | 2548239   | 2546464   | 0.08   | cps   |
| Magnesium  | 24-2  | 17873084  | 17868962  | 17858741  | 17866929  | 0.04   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB01             | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSAB01             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 13:24:34 | DataFile Name :   | 017ICSB.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 39553    | 39322    | 39426    | 39434    | 0.29   | cps   |
| Molybdenum | 94-1  | 4338732  | 4299065  | 4320952  | 4319583  | 0.46   | cps   |
| Molybdenum | 95-1  | 7208016  | 7254426  | 7226956  | 7229799  | 0.32   | cps   |
| Molybdenum | 96-1  | 7731210  | 7770631  | 7758450  | 7753430  | 0.26   | cps   |
| Molybdenum | 97-1  | 4460149  | 4451246  | 4442595  | 4451330  | 0.20   | cps   |
| Molybdenum | 98-1  | 11591912 | 11609076 | 11574611 | 11591866 | 0.15   | cps   |
| Neodymium  | 150-1 | 27       | 60       | 40       | 42       | 39.73  | cps   |
| Neodymium  | 150-2 | 27       | 23       | 20       | 23       | 14.29  | cps   |
| Nickel     | 60-2  | 20628    | 20895    | 20491    | 20671    | 0.99   | cps   |
| Phosphorus | 31-2  | 400600   | 401567   | 398597   | 400255   | 0.38   | cps   |
| Potassium  | 39-2  | 17888480 | 17773594 | 17810541 | 17824205 | 0.33   | cps   |
| Rhodium    | 103-1 | 5762129  | 5758580  | 5722506  | 5747738  | 0.38   | cps   |
| Rhodium    | 103-2 | 2883386  | 2888792  | 2869366  | 2880514  | 0.35   | cps   |
| Scandium   | 45-1  | 4485717  | 4555697  | 4529597  | 4523670  | 0.78   | cps   |
| Scandium   | 45-2  | 209455   | 211598   | 209813   | 210289   | 0.55   | cps   |
| Selenium   | 77-2  | 123      | 140      | 170      | 144      | 16.37  | cps   |
| Selenium   | 78-2  | 459      | 548      | 550      | 519      | 9.99   | cps   |
| Selenium   | 82-1  | 3023     | 2832     | 2935     | 2930     | 3.27   | cps   |
| Silicon    | 28-1  | 521452   | 524425   | 523795   | 523224   | 0.30   | cps   |
| Silver     | 109-1 | 159404   | 158613   | 159248   | 159088   | 0.26   | cps   |
| Silver     | 107-1 | 165320   | 165075   | 164865   | 165087   | 0.14   | cps   |
| Sodium     | 23-2  | 34278747 | 34164099 | 34192567 | 34211804 | 0.17   | cps   |
| Strontium  | 86-1  | 243462   | 244042   | 242656   | 243387   | 0.29   | cps   |
| Strontium  | 88-1  | 2153407  | 2154393  | 2150122  | 2152640  | 0.10   | cps   |
| Sulfur     | 34-1  | 3955933  | 3969125  | 3982826  | 3969294  | 0.34   | cps   |
| Terbium    | 159-1 | 10204397 | 10200577 | 10233621 | 10212865 | 0.18   | cps   |
| Terbium    | 159-2 | 5717901  | 5725811  | 5735256  | 5726323  | 0.15   | cps   |
| Thallium   | 203-1 | 172040   | 172167   | 172996   | 172401   | 0.30   | cps   |
| Thallium   | 205-1 | 418697   | 416495   | 413497   | 416230   | 0.63   | cps   |
| Thorium    | 232-1 | 10610    | 10871    | 10493    | 10658    | 1.82   | cps   |
| Tin        | 118-1 | 340385   | 342927   | 342449   | 341920   | 0.40   | cps   |
| Titanium   | 47-1  | 2152665  | 2156468  | 2143912  | 2151015  | 0.30   | cps   |
| Uranium    | 238-1 | 1893491  | 1900531  | 1896915  | 1896979  | 0.19   | cps   |
| Vanadium   | 51-2  | 36706    | 35493    | 35530    | 35909    | 1.92   | cps   |
| Yttrium    | 89-1  | 7169051  | 7184942  | 7181826  | 7178606  | 0.12   | cps   |
| Yttrium    | 89-2  | 1165689  | 1166292  | 1174818  | 1168933  | 0.44   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB01             | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSAB01             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 13:24:34 | DataFile Name :   | 017ICSB.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zinc      | 66-2 | 11685  | 12002  | 11995  | 11894   | 1.52   | cps   |
| Zirconium | 90-1 | 695537 | 694959 | 698412 | 696303  | 0.27   | cps   |
| Zirconium | 91-1 | 157305 | 155208 | 157405 | 156639  | 0.79   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB103076            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV17               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV17               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2019-05-29 13:28:12 | DataFile Name :   | 018CCV.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 4308335   | 4336475   | 4283355   | 4309389   | 0.62   | cps   |
| Antimony   | 121-1 | 3423189   | 3390904   | 3410625   | 3408239   | 0.48   | cps   |
| Arsenic    | 75-2  | 118125    | 117693    | 117484    | 117767    | 0.28   | cps   |
| Barium     | 135-1 | 4755848   | 4691515   | 4704456   | 4717273   | 0.72   | cps   |
| Barium     | 137-1 | 8300981   | 8260887   | 8243456   | 8268442   | 0.36   | cps   |
| Beryllium  | 9-1   | 884090    | 879987    | 880354    | 881477    | 0.26   | cps   |
| Bismuth    | 209-1 | 6199845   | 6206923   | 6285570   | 6230779   | 0.76   | cps   |
| Bismuth    | 209-2 | 4063719   | 4036766   | 4064524   | 4055003   | 0.39   | cps   |
| Boron      | 10-1  | 137950    | 137412    | 138591    | 137984    | 0.43   | cps   |
| Boron      | 11-1  | 600738    | 607678    | 611746    | 606721    | 0.92   | cps   |
| Cadmium    | 111-1 | 954290    | 948739    | 947441    | 950156    | 0.38   | cps   |
| Cadmium    | 106-1 | 112050    | 110974    | 109394    | 110806    | 1.21   | cps   |
| Cadmium    | 108-1 | 75060     | 75806     | 74939     | 75268     | 0.62   | cps   |
| Calcium    | 43-1  | 5570018   | 5542587   | 5523723   | 5545443   | 0.42   | cps   |
| Calcium    | 44-1  | 91061600  | 89900133  | 90139619  | 90367117  | 0.68   | cps   |
| Chromium   | 52-2  | 1067418   | 1060378   | 1059115   | 1062304   | 0.42   | cps   |
| Cobalt     | 59-2  | 1583265   | 1585958   | 1583554   | 1584259   | 0.09   | cps   |
| Copper     | 63-2  | 2228173   | 2223475   | 2221986   | 2224545   | 0.15   | cps   |
| Dysprosium | 156-1 | 117       | 92        | 125       | 111       | 15.61  | cps   |
| Dysprosium | 156-2 | 87        | 120       | 100       | 102       | 16.41  | cps   |
| Erbium     | 164-1 | 58        | 50        | 17        | 42        | 52.91  | cps   |
| Erbium     | 164-2 | 40        | 13        | 33        | 29        | 48.05  | cps   |
| Gadolinium | 160-1 | 83        | 67        | 50        | 67        | 25.00  | cps   |
| Gadolinium | 160-2 | 177       | 160       | 147       | 161       | 9.33   | cps   |
| Holmium    | 165-1 | 9852495   | 9791314   | 9812246   | 9818685   | 0.32   | cps   |
| Holmium    | 165-2 | 5707571   | 5687153   | 5673906   | 5689543   | 0.30   | cps   |
| Indium     | 115-1 | 6423405   | 6350699   | 6365106   | 6379736   | 0.60   | cps   |
| Indium     | 115-2 | 1464902   | 1451682   | 1461959   | 1459515   | 0.48   | cps   |
| Iron       | 56-2  | 218941205 | 219335683 | 219605166 | 219294018 | 0.15   | cps   |
| Iron       | 57-2  | 5495794   | 5480375   | 5498059   | 5491409   | 0.18   | cps   |
| Krypton    | 83-1  | 240       | 297       | 253       | 263       | 11.25  | cps   |
| Lead       | 206-1 | 3332171   | 3316609   | 3314105   | 3320962   | 0.29   | cps   |
| Lead       | 207-1 | 3064032   | 3049314   | 3073727   | 3062357   | 0.40   | cps   |
| Lead       | 208-1 | 13668793  | 13695209  | 13748691  | 13704231  | 0.30   | cps   |
| Lithium    | 6-1   | 2502801   | 2503731   | 2506458   | 2504330   | 0.08   | cps   |
| Magnesium  | 24-2  | 42578407  | 42824970  | 42676098  | 42693158  | 0.29   | cps   |



LB Number : LB103076 Operator : Jaswal  
 Lab Sample ID : CCV17 Instrumnet Name : P7  
 Client Sample ID : CCV17 Dilution Factor : 1  
 Date & Time Acquired :: 2019-05-29 13:28:12 DataFile Name : 018CCV.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 1387737  | 1381448  | 1381504  | 1383563  | 0.26   | cps   |
| Molybdenum | 94-1  | 7383992  | 7355791  | 7289201  | 7342995  | 0.66   | cps   |
| Molybdenum | 95-1  | 8891023  | 8924410  | 8855251  | 8890228  | 0.39   | cps   |
| Molybdenum | 96-1  | 9932791  | 9834035  | 9843348  | 9870058  | 0.55   | cps   |
| Molybdenum | 97-1  | 5583362  | 5538361  | 5567954  | 5563225  | 0.41   | cps   |
| Molybdenum | 98-1  | 14244841 | 14122379 | 14140458 | 14169226 | 0.47   | cps   |
| Neodymium  | 150-1 | 547      | 480      | 513      | 513      | 6.49   | cps   |
| Neodymium  | 150-2 | 67       | 80       | 60       | 69       | 14.78  | cps   |
| Nickel     | 60-2  | 388880   | 388517   | 391319   | 389572   | 0.39   | cps   |
| Phosphorus | 31-2  | 40573    | 40489    | 41317    | 40793    | 1.12   | cps   |
| Potassium  | 39-2  | 22323016 | 22244246 | 22145858 | 22237706 | 0.40   | cps   |
| Rhodium    | 103-1 | 5515472  | 5503662  | 5445395  | 5488177  | 0.68   | cps   |
| Rhodium    | 103-2 | 2754942  | 2749221  | 2755587  | 2753250  | 0.13   | cps   |
| Scandium   | 45-1  | 4475348  | 4477172  | 4391083  | 4447867  | 1.11   | cps   |
| Scandium   | 45-2  | 210269   | 209867   | 209696   | 209944   | 0.14   | cps   |
| Selenium   | 77-2  | 3784     | 3737     | 3460     | 3661     | 4.78   | cps   |
| Selenium   | 78-2  | 12018    | 12242    | 12050    | 12103    | 1.00   | cps   |
| Selenium   | 82-1  | 69631    | 69333    | 68855    | 69273    | 0.56   | cps   |
| Silicon    | 28-1  | 2672495  | 2694372  | 2701826  | 2689564  | 0.57   | cps   |
| Silver     | 109-1 | 4069611  | 4065229  | 4042526  | 4059122  | 0.36   | cps   |
| Silver     | 107-1 | 4267488  | 4264910  | 4249727  | 4260709  | 0.23   | cps   |
| Sodium     | 23-2  | 82384550 | 82386331 | 83182902 | 82651261 | 0.56   | cps   |
| Strontium  | 86-1  | 1180382  | 1168105  | 1169687  | 1172725  | 0.57   | cps   |
| Strontium  | 88-1  | 10370802 | 10287586 | 10254559 | 10304316 | 0.58   | cps   |
| Sulfur     | 34-1  | 673717   | 672917   | 678576   | 675070   | 0.45   | cps   |
| Terbium    | 159-1 | 10082298 | 10018444 | 10053428 | 10051390 | 0.32   | cps   |
| Terbium    | 159-2 | 5609456  | 5598796  | 5587415  | 5598556  | 0.20   | cps   |
| Thallium   | 203-1 | 4100164  | 4089835  | 4101769  | 4097256  | 0.16   | cps   |
| Thallium   | 205-1 | 9903689  | 9856461  | 9864843  | 9874998  | 0.26   | cps   |
| Thorium    | 232-1 | 17125138 | 17009530 | 17175892 | 17103520 | 0.50   | cps   |
| Tin        | 118-1 | 2979660  | 2950910  | 2933440  | 2954670  | 0.79   | cps   |
| Titanium   | 47-1  | 2560533  | 2555718  | 2547471  | 2554574  | 0.26   | cps   |
| Uranium    | 238-1 | 16865198 | 16915012 | 16798263 | 16859491 | 0.35   | cps   |
| Vanadium   | 51-2  | 897888   | 891025   | 891454   | 893456   | 0.43   | cps   |
| Yttrium    | 89-1  | 7052363  | 6992569  | 6962924  | 7002619  | 0.65   | cps   |
| Yttrium    | 89-2  | 1140045  | 1144677  | 1144352  | 1143025  | 0.23   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB103076            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV17               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV17               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2019-05-29 13:28:12 | DataFile Name :   | 018CCV.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zinc      | 66-2 | 378539  | 377077  | 381160  | 378925  | 0.55   | cps   |
| Zirconium | 90-1 | 6309635 | 6240209 | 6241497 | 6263780 | 0.63   | cps   |
| Zirconium | 91-1 | 1393334 | 1383527 | 1371060 | 1382640 | 0.81   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | LLCCV               | Instrumnet Name : | P7        |
| Client Sample ID :      | LLCCV               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 13:37:01 | DataFile Name :   | 019LLIC.d |

| Parameter  | Mass  | CPS1     | CPS2    | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|---------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2392     | 2150    | 2167     | 2236     | 6.04   | cps   |
| Antimony   | 121-1 | 15251    | 15242   | 15067    | 15187    | 0.68   | cps   |
| Arsenic    | 75-2  | 207      | 256     | 307      | 257      | 19.48  | cps   |
| Barium     | 135-1 | 19281    | 19364   | 20032    | 19559    | 2.11   | cps   |
| Barium     | 137-1 | 34444    | 34327   | 35563    | 34778    | 1.96   | cps   |
| Beryllium  | 9-1   | 2190     | 2347    | 2287     | 2275     | 3.48   | cps   |
| Bismuth    | 209-1 | 6896387  | 6856803 | 6954115  | 6902435  | 0.71   | cps   |
| Bismuth    | 209-2 | 4687462  | 4722248 | 4695939  | 4701883  | 0.39   | cps   |
| Boron      | 10-1  | 9737     | 10137   | 9987     | 9954     | 2.03   | cps   |
| Boron      | 11-1  | 41358    | 43648   | 43188    | 42731    | 2.83   | cps   |
| Cadmium    | 111-1 | 4329     | 4148    | 4353     | 4277     | 2.63   | cps   |
| Cadmium    | 106-1 | 3426     | 3351    | 3484     | 3420     | 1.95   | cps   |
| Cadmium    | 108-1 | 146      | 188     | 200      | 178      | 15.95  | cps   |
| Calcium    | 43-1  | 13248    | 13423   | 12714    | 13129    | 2.81   | cps   |
| Calcium    | 44-1  | 216879   | 212423  | 212295   | 213866   | 1.22   | cps   |
| Chromium   | 52-2  | 5411     | 5301    | 5448     | 5387     | 1.42   | cps   |
| Cobalt     | 59-2  | 3527     | 3691    | 3747     | 3655     | 3.13   | cps   |
| Copper     | 63-2  | 5571     | 5651    | 5875     | 5699     | 2.76   | cps   |
| Dysprosium | 156-1 | 17       | 8       | 8        | 11       | 43.34  | cps   |
| Dysprosium | 156-2 | 0        | 3       | 0        | 1        | 173.21 | cps   |
| Erbium     | 164-1 | 25       | 25      | 33       | 28       | 17.31  | cps   |
| Erbium     | 164-2 | 17       | 7       | 13       | 12       | 41.65  | cps   |
| Gadolinium | 160-1 | 50       | 75      | 83       | 69       | 24.98  | cps   |
| Gadolinium | 160-2 | 217      | 167     | 173      | 186      | 14.63  | cps   |
| Holmium    | 165-1 | 10023318 | 9953938 | 10165020 | 10047425 | 1.07   | cps   |
| Holmium    | 165-2 | 5992343  | 6047529 | 6025093  | 6021655  | 0.46   | cps   |
| Indium     | 115-1 | 7218481  | 7151596 | 7262584  | 7210887  | 0.77   | cps   |
| Indium     | 115-2 | 1701508  | 1699790 | 1699100  | 1700133  | 0.07   | cps   |
| Iron       | 56-2  | 124872   | 120171  | 125616   | 123553   | 2.39   | cps   |
| Iron       | 57-2  | 3323     | 3234    | 3451     | 3336     | 3.27   | cps   |
| Krypton    | 83-1  | 253      | 303     | 233      | 263      | 13.69  | cps   |
| Lead       | 206-1 | 7769     | 7319    | 7374     | 7488     | 3.28   | cps   |
| Lead       | 207-1 | 6418     | 6735    | 6685     | 6613     | 2.58   | cps   |
| Lead       | 208-1 | 30420    | 30303   | 30137    | 30287    | 0.47   | cps   |
| Lithium    | 6-1   | 2841529  | 2804305 | 2830837  | 2825557  | 0.68   | cps   |
| Magnesium  | 24-2  | 104781   | 104714  | 104522   | 104673   | 0.13   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | LLCCV               | Instrumnet Name : | P7        |
| Client Sample ID :      | LLCCV               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 13:37:01 | DataFile Name :   | 019LLIC.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 1690     | 1720     | 1807     | 1739     | 3.48   | cps   |
| Molybdenum | 94-1  | 16794    | 16786    | 15451    | 16343    | 4.73   | cps   |
| Molybdenum | 95-1  | 19564    | 20090    | 20132    | 19928    | 1.59   | cps   |
| Molybdenum | 96-1  | 22351    | 22769    | 21867    | 22329    | 2.02   | cps   |
| Molybdenum | 97-1  | 12623    | 12548    | 12965    | 12712    | 1.75   | cps   |
| Molybdenum | 98-1  | 32346    | 32146    | 32496    | 32329    | 0.54   | cps   |
| Neodymium  | 150-1 | 7        | 7        | 7        | 7        | 0.00   | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Nickel     | 60-2  | 990      | 1013     | 1140     | 1048     | 7.70   | cps   |
| Phosphorus | 31-2  | 433      | 367      | 367      | 389      | 9.90   | cps   |
| Potassium  | 39-2  | 115346   | 114834   | 115556   | 115245   | 0.32   | cps   |
| Rhodium    | 103-1 | 6531956  | 6482982  | 6578931  | 6531290  | 0.73   | cps   |
| Rhodium    | 103-2 | 3331403  | 3324170  | 3343881  | 3333151  | 0.30   | cps   |
| Scandium   | 45-1  | 5020819  | 4948151  | 4986010  | 4984993  | 0.73   | cps   |
| Scandium   | 45-2  | 233899   | 233030   | 237512   | 234813   | 1.01   | cps   |
| Selenium   | 77-2  | 57       | 50       | 43       | 50       | 13.34  | cps   |
| Selenium   | 78-2  | 172      | 200      | 154      | 175      | 13.29  | cps   |
| Selenium   | 82-1  | 1062     | 1040     | 1033     | 1045     | 1.48   | cps   |
| Silicon    | 28-1  | 218996   | 221194   | 216867   | 219019   | 0.99   | cps   |
| Silver     | 109-1 | 9095     | 9412     | 8987     | 9164     | 2.41   | cps   |
| Silver     | 107-1 | 9520     | 9612     | 9670     | 9601     | 0.79   | cps   |
| Sodium     | 23-2  | 204255   | 203214   | 203781   | 203750   | 0.26   | cps   |
| Strontium  | 86-1  | 3326     | 3034     | 3201     | 3187     | 4.59   | cps   |
| Strontium  | 88-1  | 22919    | 22176    | 22301    | 22466    | 1.77   | cps   |
| Sulfur     | 34-1  | 317381   | 315006   | 317614   | 316667   | 0.46   | cps   |
| Terbium    | 159-1 | 10400869 | 10229059 | 10396791 | 10342240 | 0.95   | cps   |
| Terbium    | 159-2 | 5997071  | 5976745  | 5952734  | 5975517  | 0.37   | cps   |
| Thallium   | 203-1 | 8870     | 8553     | 8870     | 8764     | 2.09   | cps   |
| Thallium   | 205-1 | 20834    | 20976    | 21201    | 21003    | 0.88   | cps   |
| Thorium    | 232-1 | 32430    | 32118    | 32491    | 32346    | 0.62   | cps   |
| Tin        | 118-1 | 34610    | 33967    | 33382    | 33986    | 1.81   | cps   |
| Titanium   | 47-1  | 6043     | 6302     | 5585     | 5976     | 6.08   | cps   |
| Uranium    | 238-1 | 31013    | 30913    | 30195    | 30707    | 1.45   | cps   |
| Vanadium   | 51-2  | 10704    | 10257    | 10684    | 10548    | 2.39   | cps   |
| Yttrium    | 89-1  | 7687325  | 7614593  | 7729819  | 7677246  | 0.76   | cps   |
| Yttrium    | 89-2  | 1279747  | 1283573  | 1283177  | 1282166  | 0.16   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | LLCCV               | Instrumnet Name : | P7        |
| Client Sample ID :      | LLCCV               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 13:37:01 | DataFile Name :   | 019LLIC.d |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zinc      | 66-2 | 1293  | 1317  | 1497  | 1369    | 8.13   | cps   |
| Zirconium | 90-1 | 14324 | 13565 | 13599 | 13829   | 3.10   | cps   |
| Zirconium | 91-1 | 3017  | 2867  | 2967  | 2950    | 2.59   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB17               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB17               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 13:41:26 | DataFile Name :   | 020CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|---------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 83      | 33       | 67       | 61       | 41.67  | cps   |
| Antimony   | 121-1 | 400     | 425      | 442      | 422      | 4.97   | cps   |
| Arsenic    | 75-2  | 6       | 6        | 7        | 6        | 17.29  | cps   |
| Barium     | 135-1 | 33      | 25       | 50       | 36       | 35.25  | cps   |
| Barium     | 137-1 | 33      | 17       | 67       | 39       | 65.46  | cps   |
| Beryllium  | 9-1   | 130     | 123      | 163      | 139      | 15.43  | cps   |
| Bismuth    | 209-1 | 6859342 | 6895739  | 7020401  | 6925161  | 1.22   | cps   |
| Bismuth    | 209-2 | 4723473 | 4683260  | 4720927  | 4709220  | 0.48   | cps   |
| Boron      | 10-1  | 1658    | 2025     | 1934     | 1872     | 10.19  | cps   |
| Boron      | 11-1  | 8469    | 8544     | 7869     | 8294     | 4.46   | cps   |
| Cadmium    | 111-1 | 2377    | 2399     | 2437     | 2404     | 1.26   | cps   |
| Cadmium    | 106-1 | 3392    | 3417     | 3467     | 3426     | 1.12   | cps   |
| Cadmium    | 108-1 | 8       | 8        | 4        | 7        | 34.59  | cps   |
| Calcium    | 43-1  | 158     | 142      | 183      | 161      | 13.02  | cps   |
| Calcium    | 44-1  | 7202    | 6744     | 7077     | 7008     | 3.38   | cps   |
| Chromium   | 52-2  | 463     | 573      | 687      | 574      | 19.44  | cps   |
| Cobalt     | 59-2  | 73      | 60       | 63       | 66       | 10.58  | cps   |
| Copper     | 63-2  | 533     | 453      | 413      | 467      | 13.09  | cps   |
| Dysprosium | 156-1 | 17      | 0        | 8        | 8        | 100.02 | cps   |
| Dysprosium | 156-2 | 0       | 10       | 3        | 4        | 114.60 | cps   |
| Erbium     | 164-1 | 8       | 17       | 58       | 28       | 96.44  | cps   |
| Erbium     | 164-2 | 17      | 17       | 23       | 19       | 20.36  | cps   |
| Gadolinium | 160-1 | 42      | 75       | 42       | 53       | 36.46  | cps   |
| Gadolinium | 160-2 | 143     | 137      | 137      | 139      | 2.77   | cps   |
| Holmium    | 165-1 | 9898932 | 10018596 | 10154821 | 10024117 | 1.28   | cps   |
| Holmium    | 165-2 | 6033946 | 6059525  | 6025423  | 6039631  | 0.29   | cps   |
| Indium     | 115-1 | 7231907 | 7198973  | 7251702  | 7227527  | 0.37   | cps   |
| Indium     | 115-2 | 1708572 | 1707917  | 1730120  | 1715536  | 0.74   | cps   |
| Iron       | 56-2  | 3956    | 4167     | 4251     | 4125     | 3.68   | cps   |
| Iron       | 57-2  | 200     | 156      | 139      | 165      | 19.17  | cps   |
| Krypton    | 83-1  | 287     | 227      | 277      | 263      | 12.21  | cps   |
| Lead       | 206-1 | 511     | 422      | 428      | 454      | 10.97  | cps   |
| Lead       | 207-1 | 428     | 317      | 333      | 359      | 16.68  | cps   |
| Lead       | 208-1 | 1822    | 1556     | 1689     | 1689     | 7.89   | cps   |
| Lithium    | 6-1   | 2877929 | 2868078  | 2887152  | 2877720  | 0.33   | cps   |
| Magnesium  | 24-2  | 367     | 342      | 450      | 386      | 14.69  | cps   |

LB Number : LB103076 Operator : Jaswal  
 Lab Sample ID : CCB17 Instrumnet Name : P7  
 Client Sample ID : CCB17 Dilution Factor : 1  
 Date & Time Acquired :: 2019-05-29 13:41:26 DataFile Name : 020CCBE.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 50       | 50       | 47       | 49       | 3.93   | cps   |
| Molybdenum | 94-1  | 408      | 333      | 458      | 400      | 15.73  | cps   |
| Molybdenum | 95-1  | 383      | 275      | 358      | 339      | 16.74  | cps   |
| Molybdenum | 96-1  | 333      | 408      | 283      | 342      | 18.41  | cps   |
| Molybdenum | 97-1  | 150      | 167      | 200      | 172      | 14.78  | cps   |
| Molybdenum | 98-1  | 500      | 508      | 400      | 469      | 12.84  | cps   |
| Neodymium  | 150-1 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Nickel     | 60-2  | 57       | 63       | 43       | 54       | 18.71  | cps   |
| Phosphorus | 31-2  | 125      | 92       | 200      | 139      | 39.95  | cps   |
| Potassium  | 39-2  | 16844    | 16193    | 17094    | 16710    | 2.78   | cps   |
| Rhodium    | 103-1 | 6609248  | 6577628  | 6636468  | 6607781  | 0.45   | cps   |
| Rhodium    | 103-2 | 3377944  | 3366102  | 3372924  | 3372323  | 0.18   | cps   |
| Scandium   | 45-1  | 5019612  | 5015899  | 5058777  | 5031430  | 0.47   | cps   |
| Scandium   | 45-2  | 238187   | 238858   | 239660   | 238901   | 0.31   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 56       | 54       | 39       | 49       | 18.50  | cps   |
| Selenium   | 82-1  | 160      | 236      | 191      | 196      | 19.42  | cps   |
| Silicon    | 28-1  | 167409   | 167638   | 167537   | 167528   | 0.07   | cps   |
| Silver     | 109-1 | 83       | 108      | 108      | 100      | 14.43  | cps   |
| Silver     | 107-1 | 150      | 183      | 183      | 172      | 11.17  | cps   |
| Sodium     | 23-2  | 10712    | 10587    | 10821    | 10707    | 1.09   | cps   |
| Strontium  | 86-1  | 458      | 575      | 417      | 483      | 16.98  | cps   |
| Strontium  | 88-1  | 233      | 275      | 267      | 258      | 8.54   | cps   |
| Sulfur     | 34-1  | 319226   | 318062   | 321782   | 319690   | 0.60   | cps   |
| Terbium    | 159-1 | 10276596 | 10378290 | 10425830 | 10360239 | 0.74   | cps   |
| Terbium    | 159-2 | 5992327  | 5994147  | 5992151  | 5992875  | 0.02   | cps   |
| Thallium   | 203-1 | 292      | 325      | 292      | 303      | 6.36   | cps   |
| Thallium   | 205-1 | 975      | 733      | 817      | 842      | 14.58  | cps   |
| Thorium    | 232-1 | 567      | 450      | 583      | 533      | 13.62  | cps   |
| Tin        | 118-1 | 592      | 533      | 600      | 575      | 6.32   | cps   |
| Titanium   | 47-1  | 100      | 100      | 158      | 119      | 28.20  | cps   |
| Uranium    | 238-1 | 108      | 83       | 58       | 83       | 30.00  | cps   |
| Vanadium   | 51-2  | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Yttrium    | 89-1  | 7686554  | 7708385  | 7732746  | 7709228  | 0.30   | cps   |
| Yttrium    | 89-2  | 1287599  | 1294127  | 1296051  | 1292592  | 0.34   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB17               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB17               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 13:41:26 | DataFile Name :   | 020CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zinc      | 66-2 | 277  | 350  | 253  | 293     | 17.20  | cps   |
| Zirconium | 90-1 | 700  | 708  | 850  | 753     | 11.20  | cps   |
| Zirconium | 91-1 | 133  | 142  | 150  | 142     | 5.88   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P7        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 13:45:01 | DataFile Name :   | 021LLIC.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3    | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|---------|----------|--------|-------|
| Aluminium  | 27-2  | 2009     | 2025     | 1817    | 1950     | 5.94   | cps   |
| Antimony   | 121-1 | 14858    | 14341    | 14258   | 14486    | 2.25   | cps   |
| Arsenic    | 75-2  | 278      | 298      | 276     | 284      | 4.34   | cps   |
| Barium     | 135-1 | 20808    | 20049    | 19756   | 20204    | 2.69   | cps   |
| Barium     | 137-1 | 36306    | 36081    | 34552   | 35646    | 2.68   | cps   |
| Beryllium  | 9-1   | 2117     | 2024     | 2330    | 2157     | 7.29   | cps   |
| Bismuth    | 209-1 | 6956116  | 6897831  | 6901844 | 6918597  | 0.47   | cps   |
| Bismuth    | 209-2 | 4702312  | 4736898  | 4746555 | 4728589  | 0.49   | cps   |
| Boron      | 10-1  | 8895     | 9036     | 9328    | 9086     | 2.43   | cps   |
| Boron      | 11-1  | 40864    | 41073    | 39018   | 40319    | 2.81   | cps   |
| Cadmium    | 111-1 | 4379     | 4243     | 4148    | 4256     | 2.73   | cps   |
| Cadmium    | 106-1 | 3701     | 3401     | 3409    | 3503     | 4.88   | cps   |
| Cadmium    | 108-1 | 196      | 179      | 163     | 179      | 9.30   | cps   |
| Calcium    | 43-1  | 13215    | 13223    | 13657   | 13365    | 1.89   | cps   |
| Calcium    | 44-1  | 216647   | 217680   | 213266  | 215864   | 1.07   | cps   |
| Chromium   | 52-2  | 5454     | 5695     | 5691    | 5613     | 2.45   | cps   |
| Cobalt     | 59-2  | 3997     | 3824     | 3814    | 3878     | 2.66   | cps   |
| Copper     | 63-2  | 5685     | 5484     | 5531    | 5567     | 1.88   | cps   |
| Dysprosium | 156-1 | 17       | 8        | 17      | 14       | 34.67  | cps   |
| Dysprosium | 156-2 | 0        | 0        | 3       | 1        | 173.21 | cps   |
| Erbium     | 164-1 | 42       | 67       | 67      | 58       | 24.74  | cps   |
| Erbium     | 164-2 | 20       | 23       | 17      | 20       | 16.65  | cps   |
| Gadolinium | 160-1 | 50       | 42       | 58      | 50       | 16.67  | cps   |
| Gadolinium | 160-2 | 160      | 127      | 133     | 140      | 12.60  | cps   |
| Holmium    | 165-1 | 10138813 | 10086250 | 9923669 | 10049577 | 1.12   | cps   |
| Holmium    | 165-2 | 6033928  | 6116542  | 6083166 | 6077879  | 0.68   | cps   |
| Indium     | 115-1 | 7293492  | 7304107  | 7200473 | 7266024  | 0.78   | cps   |
| Indium     | 115-2 | 1717307  | 1730653  | 1716730 | 1721563  | 0.46   | cps   |
| Iron       | 56-2  | 117707   | 117835   | 119236  | 118259   | 0.72   | cps   |
| Iron       | 57-2  | 3084     | 2973     | 2945    | 3000     | 2.45   | cps   |
| Krypton    | 83-1  | 293      | 273      | 290     | 286      | 3.75   | cps   |
| Lead       | 206-1 | 7552     | 7497     | 7369    | 7473     | 1.26   | cps   |
| Lead       | 207-1 | 6530     | 6246     | 6391    | 6389     | 2.22   | cps   |
| Lead       | 208-1 | 29552    | 29419    | 29575   | 29516    | 0.28   | cps   |
| Lithium    | 6-1   | 2905482  | 2897723  | 2889751 | 2897652  | 0.27   | cps   |
| Magnesium  | 24-2  | 104707   | 105982   | 105856  | 105515   | 0.67   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P7        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 13:45:01 | DataFile Name :   | 021LLIC.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 1763     | 1713     | 1667     | 1715     | 2.82   | cps   |
| Molybdenum | 94-1  | 16352    | 16151    | 16268    | 16257    | 0.62   | cps   |
| Molybdenum | 95-1  | 19572    | 20290    | 19439    | 19767    | 2.32   | cps   |
| Molybdenum | 96-1  | 22711    | 21283    | 21818    | 21937    | 3.29   | cps   |
| Molybdenum | 97-1  | 12081    | 12172    | 12298    | 12183    | 0.89   | cps   |
| Molybdenum | 98-1  | 31194    | 30968    | 32054    | 31405    | 1.82   | cps   |
| Neodymium  | 150-1 | 0        | 7        | 13       | 7        | 99.98  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 1037     | 1050     | 1057     | 1048     | 0.97   | cps   |
| Phosphorus | 31-2  | 383      | 283      | 400      | 356      | 17.75  | cps   |
| Potassium  | 39-2  | 117723   | 119368   | 116791   | 117961   | 1.11   | cps   |
| Rhodium    | 103-1 | 6642840  | 6605902  | 6632181  | 6626975  | 0.29   | cps   |
| Rhodium    | 103-2 | 3370183  | 3401768  | 3403357  | 3391769  | 0.55   | cps   |
| Scandium   | 45-1  | 5071075  | 5063307  | 5067640  | 5067341  | 0.08   | cps   |
| Scandium   | 45-2  | 239945   | 242607   | 241828   | 241460   | 0.57   | cps   |
| Selenium   | 77-2  | 33       | 40       | 37       | 37       | 9.10   | cps   |
| Selenium   | 78-2  | 222      | 161      | 193      | 192      | 15.92  | cps   |
| Selenium   | 82-1  | 962      | 1007     | 990      | 986      | 2.28   | cps   |
| Silicon    | 28-1  | 221094   | 222583   | 219334   | 221004   | 0.74   | cps   |
| Silver     | 109-1 | 9787     | 10146    | 9779     | 9904     | 2.12   | cps   |
| Silver     | 107-1 | 9245     | 9137     | 10429    | 9604     | 7.47   | cps   |
| Sodium     | 23-2  | 203039   | 202632   | 204695   | 203456   | 0.54   | cps   |
| Strontium  | 86-1  | 3084     | 2909     | 3125     | 3039     | 3.78   | cps   |
| Strontium  | 88-1  | 22368    | 22527    | 21967    | 22287    | 1.29   | cps   |
| Sulfur     | 34-1  | 321068   | 327606   | 327886   | 325520   | 1.19   | cps   |
| Terbium    | 159-1 | 10385097 | 10368881 | 10368333 | 10374104 | 0.09   | cps   |
| Terbium    | 159-2 | 6007424  | 6048718  | 6003880  | 6020007  | 0.41   | cps   |
| Thallium   | 203-1 | 8595     | 8595     | 8345     | 8511     | 1.70   | cps   |
| Thallium   | 205-1 | 20633    | 20458    | 19932    | 20341    | 1.79   | cps   |
| Thorium    | 232-1 | 31494    | 30943    | 31978    | 31472    | 1.65   | cps   |
| Tin        | 118-1 | 33290    | 33524    | 33708    | 33508    | 0.62   | cps   |
| Titanium   | 47-1  | 6185     | 6302     | 6026     | 6171     | 2.24   | cps   |
| Uranium    | 238-1 | 31982    | 31865    | 30612    | 31486    | 2.41   | cps   |
| Vanadium   | 51-2  | 10531    | 10637    | 10451    | 10539    | 0.89   | cps   |
| Yttrium    | 89-1  | 7754692  | 7760557  | 7696074  | 7737108  | 0.46   | cps   |
| Yttrium    | 89-2  | 1303805  | 1307331  | 1307840  | 1306326  | 0.17   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P7        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 13:45:01 | DataFile Name :   | 021LLIC.d |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zinc      | 66-2 | 1213  | 1187  | 1157  | 1186    | 2.39   | cps   |
| Zirconium | 90-1 | 13031 | 13173 | 13140 | 13115   | 0.57   | cps   |
| Zirconium | 91-1 | 3017  | 3042  | 2992  | 3017    | 0.83   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | PB120042BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB120042BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 13:48:37 | DataFile Name :   | 022CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 42      | 67      | 83      | 64      | 32.83  | cps   |
| Antimony   | 121-1 | 200     | 350     | 275     | 275     | 27.27  | cps   |
| Arsenic    | 75-2  | 4       | 0       | 7       | 4       | 100.05 | cps   |
| Barium     | 135-1 | 33      | 25      | 33      | 31      | 15.75  | cps   |
| Barium     | 137-1 | 50      | 58      | 50      | 53      | 9.12   | cps   |
| Beryllium  | 9-1   | 100     | 113     | 110     | 108     | 6.44   | cps   |
| Bismuth    | 209-1 | 6463907 | 6901290 | 6783582 | 6716259 | 3.37   | cps   |
| Bismuth    | 209-2 | 4682217 | 4646101 | 4737994 | 4688771 | 0.99   | cps   |
| Boron      | 10-1  | 1450    | 1483    | 1458    | 1464    | 1.19   | cps   |
| Boron      | 11-1  | 7002    | 7127    | 6752    | 6960    | 2.74   | cps   |
| Cadmium    | 111-1 | 2350    | 2225    | 2091    | 2222    | 5.83   | cps   |
| Cadmium    | 106-1 | 3334    | 3175    | 2984    | 3164    | 5.54   | cps   |
| Cadmium    | 108-1 | 0       | 8       | 8       | 6       | 86.60  | cps   |
| Calcium    | 43-1  | 142     | 167     | 92      | 133     | 28.64  | cps   |
| Calcium    | 44-1  | 7219    | 6969    | 6835    | 7008    | 2.78   | cps   |
| Chromium   | 52-2  | 500     | 570     | 597     | 556     | 8.99   | cps   |
| Cobalt     | 59-2  | 43      | 63      | 70      | 59      | 23.57  | cps   |
| Copper     | 63-2  | 390     | 490     | 437     | 439     | 11.40  | cps   |
| Dysprosium | 156-1 | 0       | 17      | 8       | 8       | 100.02 | cps   |
| Dysprosium | 156-2 | 0       | 3       | 7       | 3       | 100.05 | cps   |
| Erbium     | 164-1 | 33      | 25      | 33      | 31      | 15.74  | cps   |
| Erbium     | 164-2 | 17      | 30      | 7       | 18      | 65.83  | cps   |
| Gadolinium | 160-1 | 58      | 50      | 33      | 47      | 26.97  | cps   |
| Gadolinium | 160-2 | 137     | 167     | 153     | 152     | 9.87   | cps   |
| Holmium    | 165-1 | 9358253 | 9982437 | 9896376 | 9745689 | 3.47   | cps   |
| Holmium    | 165-2 | 6014995 | 6033083 | 6124288 | 6057455 | 0.97   | cps   |
| Indium     | 115-1 | 6722810 | 7190862 | 7134425 | 7016032 | 3.64   | cps   |
| Indium     | 115-2 | 1719304 | 1710052 | 1738052 | 1722469 | 0.83   | cps   |
| Iron       | 56-2  | 4073    | 4112    | 3878    | 4021    | 3.11   | cps   |
| Iron       | 57-2  | 156     | 100     | 111     | 122     | 24.05  | cps   |
| Krypton    | 83-1  | 300     | 293     | 263     | 286     | 6.84   | cps   |
| Lead       | 206-1 | 272     | 289     | 333     | 298     | 10.60  | cps   |
| Lead       | 207-1 | 344     | 311     | 272     | 309     | 11.69  | cps   |
| Lead       | 208-1 | 1333    | 1339    | 1428    | 1367    | 3.88   | cps   |
| Lithium    | 6-1   | 2728469 | 2910282 | 2875257 | 2838003 | 3.40   | cps   |
| Magnesium  | 24-2  | 350     | 358     | 383     | 364     | 4.77   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | PB120042BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB120042BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 13:48:37 | DataFile Name :   | 022CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|---------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 83      | 63       | 37       | 61       | 38.31  | cps   |
| Molybdenum | 94-1  | 300     | 292      | 333      | 308      | 7.15   | cps   |
| Molybdenum | 95-1  | 225     | 183      | 167      | 192      | 15.68  | cps   |
| Molybdenum | 96-1  | 200     | 150      | 108      | 153      | 30.04  | cps   |
| Molybdenum | 97-1  | 67      | 133      | 75       | 92       | 39.63  | cps   |
| Molybdenum | 98-1  | 300     | 217      | 292      | 269      | 17.03  | cps   |
| Neodymium  | 150-1 | 0       | 0        | 0        | 0        | 0.00   | cps   |
| Neodymium  | 150-2 | 0       | 3        | 0        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 73      | 67       | 50       | 63       | 18.98  | cps   |
| Phosphorus | 31-2  | 158     | 175      | 108      | 147      | 23.57  | cps   |
| Potassium  | 39-2  | 16276   | 16301    | 16293    | 16290    | 0.08   | cps   |
| Rhodium    | 103-1 | 6183036 | 6684847  | 6525684  | 6464522  | 3.97   | cps   |
| Rhodium    | 103-2 | 3357471 | 3348782  | 3410909  | 3372387  | 1.00   | cps   |
| Scandium   | 45-1  | 4639060 | 5041527  | 4996396  | 4892327  | 4.51   | cps   |
| Scandium   | 45-2  | 240251  | 239595   | 242812   | 240886   | 0.71   | cps   |
| Selenium   | 77-2  | 0       | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 50      | 57       | 43       | 50       | 14.82  | cps   |
| Selenium   | 82-1  | 211     | 163      | 188      | 187      | 12.63  | cps   |
| Silicon    | 28-1  | 169465  | 170537   | 171218   | 170407   | 0.52   | cps   |
| Silver     | 109-1 | 33      | 67       | 75       | 58       | 37.80  | cps   |
| Silver     | 107-1 | 125     | 83       | 158      | 122      | 30.74  | cps   |
| Sodium     | 23-2  | 8161    | 7969     | 8128     | 8086     | 1.27   | cps   |
| Strontium  | 86-1  | 417     | 600      | 525      | 514      | 17.94  | cps   |
| Strontium  | 88-1  | 225     | 225      | 250      | 233      | 6.19   | cps   |
| Sulfur     | 34-1  | 323162  | 325049   | 322256   | 323489   | 0.44   | cps   |
| Terbium    | 159-1 | 9601769 | 10389278 | 10311966 | 10101004 | 4.30   | cps   |
| Terbium    | 159-2 | 6005508 | 5965264  | 6080674  | 6017149  | 0.97   | cps   |
| Thallium   | 203-1 | 350     | 208      | 292      | 283      | 25.13  | cps   |
| Thallium   | 205-1 | 575     | 525      | 633      | 578      | 9.39   | cps   |
| Thorium    | 232-1 | 450     | 550      | 478      | 493      | 10.48  | cps   |
| Tin        | 118-1 | 525     | 517      | 475      | 506      | 5.30   | cps   |
| Titanium   | 47-1  | 117     | 117      | 142      | 125      | 11.55  | cps   |
| Uranium    | 238-1 | 33      | 33       | 58       | 42       | 34.65  | cps   |
| Vanadium   | 51-2  | 7       | 3        | 3        | 4        | 43.40  | cps   |
| Yttrium    | 89-1  | 7185625 | 7721539  | 7666447  | 7524537  | 3.92   | cps   |
| Yttrium    | 89-2  | 1297435 | 1301643  | 1316581  | 1305220  | 0.77   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | PB120042BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB120042BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 13:48:37 | DataFile Name :   | 022CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zinc      | 66-2 | 277  | 323  | 293  | 298     | 7.94   | cps   |
| Zirconium | 90-1 | 575  | 675  | 592  | 614     | 8.73   | cps   |
| Zirconium | 91-1 | 142  | 142  | 117  | 133     | 10.83  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | PB120042BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB120042BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 13:52:13 | DataFile Name :   | 023LCSS.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 837464   | 833586   | 831155   | 834068   | 0.38   | cps   |
| Antimony   | 121-1 | 3623114  | 3639081  | 3596306  | 3619500  | 0.60   | cps   |
| Arsenic    | 75-2  | 121341   | 120862   | 120486   | 120897   | 0.35   | cps   |
| Barium     | 135-1 | 4911586  | 4914455  | 4876154  | 4900732  | 0.44   | cps   |
| Barium     | 137-1 | 8577847  | 8599412  | 8560873  | 8579377  | 0.23   | cps   |
| Beryllium  | 9-1   | 974878   | 957687   | 952797   | 961787   | 1.21   | cps   |
| Bismuth    | 209-1 | 6563325  | 6675116  | 6604457  | 6614299  | 0.85   | cps   |
| Bismuth    | 209-2 | 4395308  | 4385166  | 4402935  | 4394470  | 0.20   | cps   |
| Boron      | 10-1  | 146673   | 148902   | 146547   | 147374   | 0.90   | cps   |
| Boron      | 11-1  | 633069   | 649172   | 651183   | 644475   | 1.54   | cps   |
| Cadmium    | 111-1 | 986299   | 981915   | 976732   | 981649   | 0.49   | cps   |
| Cadmium    | 106-1 | 116300   | 115308   | 113870   | 115159   | 1.06   | cps   |
| Cadmium    | 108-1 | 78223    | 76979    | 76316    | 77173    | 1.25   | cps   |
| Calcium    | 43-1  | 1227819  | 1214686  | 1201197  | 1214567  | 1.10   | cps   |
| Calcium    | 44-1  | 19674309 | 19535474 | 19393698 | 19534494 | 0.72   | cps   |
| Chromium   | 52-2  | 1116889  | 1120423  | 1114747  | 1117353  | 0.26   | cps   |
| Cobalt     | 59-2  | 1701125  | 1706534  | 1697030  | 1701563  | 0.28   | cps   |
| Copper     | 63-2  | 2230979  | 2239165  | 2235913  | 2235352  | 0.18   | cps   |
| Dysprosium | 156-1 | 117      | 108      | 117      | 114      | 4.22   | cps   |
| Dysprosium | 156-2 | 103      | 97       | 97       | 99       | 3.89   | cps   |
| Erbium     | 164-1 | 8        | 17       | 33       | 19       | 65.47  | cps   |
| Erbium     | 164-2 | 10       | 27       | 17       | 18       | 47.19  | cps   |
| Gadolinium | 160-1 | 75       | 83       | 58       | 72       | 17.62  | cps   |
| Gadolinium | 160-2 | 237      | 127      | 160      | 174      | 32.33  | cps   |
| Holmium    | 165-1 | 9846272  | 9933177  | 9843838  | 9874429  | 0.52   | cps   |
| Holmium    | 165-2 | 5811648  | 5816120  | 5773246  | 5800338  | 0.41   | cps   |
| Indium     | 115-1 | 6633696  | 6615981  | 6601059  | 6616912  | 0.25   | cps   |
| Indium     | 115-2 | 1529522  | 1537920  | 1528086  | 1531842  | 0.35   | cps   |
| Iron       | 56-2  | 48329012 | 48486069 | 48410927 | 48408670 | 0.16   | cps   |
| Iron       | 57-2  | 1205259  | 1210804  | 1210310  | 1208791  | 0.25   | cps   |
| Krypton    | 83-1  | 273      | 213      | 240      | 242      | 12.41  | cps   |
| Lead       | 206-1 | 3492549  | 3520956  | 3480982  | 3498162  | 0.59   | cps   |
| Lead       | 207-1 | 3225733  | 3256138  | 3222244  | 3234705  | 0.58   | cps   |
| Lead       | 208-1 | 14478141 | 14598796 | 14430894 | 14502610 | 0.60   | cps   |
| Lithium    | 6-1   | 2663256  | 2642679  | 2633943  | 2646626  | 0.57   | cps   |
| Magnesium  | 24-2  | 9447812  | 9373675  | 9381929  | 9401139  | 0.43   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | PB120042BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB120042BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 13:52:13 | DataFile Name :   | 023LCSS.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 1463313  | 1457241  | 1453257  | 1457937  | 0.35   | cps   |
| Molybdenum | 94-1  | 7528925  | 7565358  | 7514315  | 7536199  | 0.35   | cps   |
| Molybdenum | 95-1  | 9188617  | 9110332  | 9118497  | 9139149  | 0.47   | cps   |
| Molybdenum | 96-1  | 10189123 | 10184223 | 10141140 | 10171495 | 0.26   | cps   |
| Molybdenum | 97-1  | 5757423  | 5734582  | 5711598  | 5734534  | 0.40   | cps   |
| Molybdenum | 98-1  | 14698890 | 14694515 | 14552840 | 14648748 | 0.57   | cps   |
| Neodymium  | 150-1 | 480      | 513      | 533      | 509      | 5.29   | cps   |
| Neodymium  | 150-2 | 57       | 33       | 30       | 40       | 36.33  | cps   |
| Nickel     | 60-2  | 425475   | 423660   | 426130   | 425088   | 0.30   | cps   |
| Phosphorus | 31-2  | 43130    | 43623    | 42695    | 43149    | 1.08   | cps   |
| Potassium  | 39-2  | 4722866  | 4703877  | 4703674  | 4710139  | 0.23   | cps   |
| Rhodium    | 103-1 | 5861543  | 5864372  | 5809511  | 5845142  | 0.53   | cps   |
| Rhodium    | 103-2 | 2964193  | 2945850  | 2950519  | 2953521  | 0.32   | cps   |
| Scandium   | 45-1  | 4588985  | 4535827  | 4545537  | 4556783  | 0.62   | cps   |
| Scandium   | 45-2  | 213366   | 211000   | 211494   | 211953   | 0.59   | cps   |
| Selenium   | 77-2  | 3697     | 3827     | 3857     | 3794     | 2.24   | cps   |
| Selenium   | 78-2  | 12704    | 12800    | 12754    | 12753    | 0.38   | cps   |
| Selenium   | 82-1  | 72838    | 72499    | 71450    | 72263    | 1.00   | cps   |
| Silicon    | 28-1  | 2720060  | 2710514  | 2718023  | 2716199  | 0.19   | cps   |
| Silver     | 109-1 | 4246992  | 4230407  | 4217580  | 4231660  | 0.35   | cps   |
| Silver     | 107-1 | 4449991  | 4431868  | 4353994  | 4411951  | 1.16   | cps   |
| Sodium     | 23-2  | 18028937 | 17819450 | 17852781 | 17900389 | 0.63   | cps   |
| Strontium  | 86-1  | 1220554  | 1213984  | 1198066  | 1210868  | 0.95   | cps   |
| Strontium  | 88-1  | 10679128 | 10679550 | 10614946 | 10657874 | 0.35   | cps   |
| Sulfur     | 34-1  | 725940   | 708787   | 705929   | 713552   | 1.52   | cps   |
| Terbium    | 159-1 | 10155718 | 10129309 | 10150063 | 10145030 | 0.14   | cps   |
| Terbium    | 159-2 | 5732441  | 5713043  | 5702281  | 5715922  | 0.27   | cps   |
| Thallium   | 203-1 | 4326994  | 4326864  | 4286163  | 4313340  | 0.55   | cps   |
| Thallium   | 205-1 | 10422832 | 10510175 | 10453912 | 10462307 | 0.42   | cps   |
| Thorium    | 232-1 | 17195467 | 17403639 | 17361121 | 17320076 | 0.64   | cps   |
| Tin        | 118-1 | 3101930  | 3104630  | 3074277  | 3093613  | 0.54   | cps   |
| Titanium   | 47-1  | 2670464  | 2653147  | 2631936  | 2651849  | 0.73   | cps   |
| Uranium    | 238-1 | 17070951 | 17104220 | 17098798 | 17091323 | 0.10   | cps   |
| Vanadium   | 51-2  | 927484   | 929206   | 925835   | 927508   | 0.18   | cps   |
| Yttrium    | 89-1  | 7156141  | 7144174  | 7118952  | 7139755  | 0.27   | cps   |
| Yttrium    | 89-2  | 1173668  | 1174996  | 1169384  | 1172683  | 0.25   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | PB120042BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB120042BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 13:52:13 | DataFile Name :   | 023LCSS.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zinc      | 66-2 | 378762  | 378516  | 378611  | 378630  | 0.03   | cps   |
| Zirconium | 90-1 | 6453774 | 6464506 | 6419633 | 6445971 | 0.36   | cps   |
| Zirconium | 91-1 | 1416118 | 1426193 | 1409760 | 1417357 | 0.58   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-01            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-11(7-7.5)      | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 13:55:50 | DataFile Name :   | 024SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 6385338   | 6412282   | 6450746   | 6416122   | 0.51   | cps   |
| Antimony   | 121-1 | 2825      | 3509      | 3876      | 3403      | 15.66  | cps   |
| Arsenic    | 75-2  | 6552      | 6805      | 6848      | 6735      | 2.38   | cps   |
| Barium     | 135-1 | 588272    | 585728    | 591141    | 588381    | 0.46   | cps   |
| Barium     | 137-1 | 1030379   | 1021946   | 1025913   | 1026079   | 0.41   | cps   |
| Beryllium  | 9-1   | 7479      | 7205      | 7482      | 7389      | 2.15   | cps   |
| Bismuth    | 209-1 | 6863343   | 6829983   | 6836073   | 6843133   | 0.26   | cps   |
| Bismuth    | 209-2 | 4573403   | 4603022   | 4629466   | 4601964   | 0.61   | cps   |
| Boron      | 10-1  | 8286      | 9270      | 7777      | 8444      | 8.99   | cps   |
| Boron      | 11-1  | 37723     | 36704     | 33663     | 36030     | 5.86   | cps   |
| Cadmium    | 111-1 | 4410      | 4408      | 3948      | 4255      | 6.26   | cps   |
| Cadmium    | 106-1 | 6118      | 5851      | 5360      | 5776      | 6.66   | cps   |
| Cadmium    | 108-1 | 967       | 888       | 821       | 892       | 8.19   | cps   |
| Calcium    | 43-1  | 105969    | 107372    | 107271    | 106871    | 0.73   | cps   |
| Calcium    | 44-1  | 1738719   | 1734996   | 1743297   | 1739004   | 0.24   | cps   |
| Chromium   | 52-2  | 404886    | 405103    | 408255    | 406081    | 0.46   | cps   |
| Cobalt     | 59-2  | 146294    | 146270    | 146509    | 146358    | 0.09   | cps   |
| Copper     | 63-2  | 123318    | 124944    | 125193    | 124485    | 0.82   | cps   |
| Dysprosium | 156-1 | 133722    | 134287    | 133865    | 133958    | 0.22   | cps   |
| Dysprosium | 156-2 | 75647     | 77584     | 76836     | 76689     | 1.27   | cps   |
| Erbium     | 164-1 | 107807    | 106438    | 107521    | 107255    | 0.67   | cps   |
| Erbium     | 164-2 | 63336     | 63171     | 63450     | 63319     | 0.22   | cps   |
| Gadolinium | 160-1 | 118031    | 115947    | 116064    | 116681    | 1.00   | cps   |
| Gadolinium | 160-2 | 74658     | 75862     | 75587     | 75369     | 0.84   | cps   |
| Holmium    | 165-1 | 10382784  | 10332539  | 10395777  | 10370366  | 0.32   | cps   |
| Holmium    | 165-2 | 6161119   | 6185470   | 6217630   | 6188073   | 0.46   | cps   |
| Indium     | 115-1 | 7026958   | 7035696   | 7080617   | 7047757   | 0.41   | cps   |
| Indium     | 115-2 | 1669902   | 1662960   | 1673139   | 1668667   | 0.31   | cps   |
| Iron       | 56-2  | 279423495 | 281824017 | 281371751 | 280873088 | 0.45   | cps   |
| Iron       | 57-2  | 6995113   | 7019748   | 7012218   | 7009026   | 0.18   | cps   |
| Krypton    | 83-1  | 433       | 430       | 427       | 430       | 0.78   | cps   |
| Lead       | 206-1 | 498085    | 498981    | 499150    | 498739    | 0.11   | cps   |
| Lead       | 207-1 | 416557    | 420713    | 417125    | 418132    | 0.54   | cps   |
| Lead       | 208-1 | 1961142   | 1950872   | 1955664   | 1955893   | 0.26   | cps   |
| Lithium    | 6-1   | 2855116   | 2871661   | 2873903   | 2866893   | 0.36   | cps   |
| Magnesium  | 24-2  | 4320213   | 4357513   | 4373553   | 4350426   | 0.63   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-01            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-11(7-7.5)      | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 13:55:50 | DataFile Name :   | 024SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 854518   | 856363   | 857578   | 856153   | 0.18   | cps   |
| Molybdenum | 94-1  | 218819   | 219275   | 218261   | 218785   | 0.23   | cps   |
| Molybdenum | 95-1  | 8803     | 8219     | 8545     | 8522     | 3.43   | cps   |
| Molybdenum | 96-1  | 48090    | 47095    | 47689    | 47625    | 1.05   | cps   |
| Molybdenum | 97-1  | 5318     | 5601     | 5076     | 5332     | 4.93   | cps   |
| Molybdenum | 98-1  | 13640    | 14324    | 13499    | 13821    | 3.20   | cps   |
| Neodymium  | 150-1 | 197008   | 196204   | 194236   | 195816   | 0.73   | cps   |
| Neodymium  | 150-2 | 91927    | 91903    | 92481    | 92103    | 0.35   | cps   |
| Nickel     | 60-2  | 103381   | 102830   | 103301   | 103171   | 0.29   | cps   |
| Phosphorus | 31-2  | 15375    | 15601    | 15592    | 15523    | 0.82   | cps   |
| Potassium  | 39-2  | 700859   | 702294   | 708814   | 703989   | 0.60   | cps   |
| Rhodium    | 103-1 | 6265330  | 6294721  | 6296814  | 6285622  | 0.28   | cps   |
| Rhodium    | 103-2 | 3188077  | 3230303  | 3233816  | 3217399  | 0.79   | cps   |
| Scandium   | 45-1  | 5159938  | 5163699  | 5207265  | 5176968  | 0.51   | cps   |
| Scandium   | 45-2  | 244077   | 244842   | 247296   | 245405   | 0.69   | cps   |
| Selenium   | 77-2  | 227      | 273      | 297      | 266      | 13.42  | cps   |
| Selenium   | 78-2  | 213      | 198      | 239      | 217      | 9.52   | cps   |
| Selenium   | 82-1  | 411      | 426      | 421      | 419      | 1.87   | cps   |
| Silicon    | 28-1  | 54928174 | 55330882 | 55626053 | 55295037 | 0.63   | cps   |
| Silver     | 109-1 | 1092     | 858      | 833      | 928      | 15.36  | cps   |
| Silver     | 107-1 | 1675     | 1492     | 1242     | 1470     | 14.80  | cps   |
| Sodium     | 23-2  | 132448   | 133186   | 132245   | 132627   | 0.37   | cps   |
| Strontium  | 86-1  | 90493    | 90661    | 88664    | 89939    | 1.23   | cps   |
| Strontium  | 88-1  | 789649   | 784951   | 784908   | 786503   | 0.35   | cps   |
| Sulfur     | 34-1  | 259286   | 248964   | 240171   | 249474   | 3.84   | cps   |
| Terbium    | 159-1 | 10524870 | 10522069 | 10594695 | 10547211 | 0.39   | cps   |
| Terbium    | 159-2 | 6054244  | 6120766  | 6110940  | 6095317  | 0.59   | cps   |
| Thallium   | 203-1 | 4701     | 4784     | 4334     | 4607     | 5.20   | cps   |
| Thallium   | 205-1 | 12281    | 11063    | 10947    | 11430    | 6.47   | cps   |
| Thorium    | 232-1 | 958586   | 961035   | 955842   | 958488   | 0.27   | cps   |
| Tin        | 118-1 | 3384     | 3651     | 3576     | 3537     | 3.89   | cps   |
| Titanium   | 47-1  | 598908   | 602022   | 607891   | 602940   | 0.76   | cps   |
| Uranium    | 238-1 | 181000   | 182225   | 179648   | 180958   | 0.71   | cps   |
| Vanadium   | 51-2  | 444382   | 441632   | 449873   | 445296   | 0.94   | cps   |
| Yttrium    | 89-1  | 8736179  | 8754810  | 8762304  | 8751098  | 0.15   | cps   |
| Yttrium    | 89-2  | 1470996  | 1475952  | 1480844  | 1475931  | 0.33   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-01            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-11(7-7.5)      | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 13:55:50 | DataFile Name :   | 024SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zinc      | 66-2 | 94295  | 95976  | 94993  | 95088   | 0.89   | cps   |
| Zirconium | 90-1 | 581593 | 583395 | 582110 | 582366  | 0.16   | cps   |
| Zirconium | 91-1 | 131727 | 129247 | 130842 | 130605  | 0.96   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-02            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-12(9.5-10)     | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 13:59:29 | DataFile Name :   | 025SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 7648438   | 7596252   | 7620370   | 7621687   | 0.34   | cps   |
| Antimony   | 121-1 | 2559      | 2767      | 2867      | 2731      | 5.76   | cps   |
| Arsenic    | 75-2  | 11935     | 11851     | 11749     | 11845     | 0.78   | cps   |
| Barium     | 135-1 | 597840    | 599655    | 589208    | 595568    | 0.94   | cps   |
| Barium     | 137-1 | 1045642   | 1036882   | 1023986   | 1035503   | 1.05   | cps   |
| Beryllium  | 9-1   | 10661     | 10894     | 10731     | 10762     | 1.11   | cps   |
| Bismuth    | 209-1 | 6680743   | 6774656   | 6729961   | 6728454   | 0.70   | cps   |
| Bismuth    | 209-2 | 4455188   | 4536105   | 4509300   | 4500198   | 0.92   | cps   |
| Boron      | 10-1  | 5593      | 5743      | 5410      | 5582      | 2.99   | cps   |
| Boron      | 11-1  | 26207     | 25798     | 25380     | 25795     | 1.60   | cps   |
| Cadmium    | 111-1 | 6202      | 6284      | 5782      | 6089      | 4.42   | cps   |
| Cadmium    | 106-1 | 7044      | 7394      | 6593      | 7010      | 5.72   | cps   |
| Cadmium    | 108-1 | 1321      | 1208      | 1250      | 1260      | 4.52   | cps   |
| Calcium    | 43-1  | 97328     | 95850     | 97193     | 96790     | 0.84   | cps   |
| Calcium    | 44-1  | 1594057   | 1582425   | 1568970   | 1581817   | 0.79   | cps   |
| Chromium   | 52-2  | 374408    | 376011    | 375039    | 375153    | 0.22   | cps   |
| Cobalt     | 59-2  | 322298    | 326594    | 326448    | 325114    | 0.75   | cps   |
| Copper     | 63-2  | 448167    | 445450    | 447994    | 447204    | 0.34   | cps   |
| Dysprosium | 156-1 | 258096    | 259690    | 256051    | 257946    | 0.71   | cps   |
| Dysprosium | 156-2 | 150194    | 148551    | 151760    | 150169    | 1.07   | cps   |
| Erbium     | 164-1 | 213023    | 212056    | 211049    | 212043    | 0.47   | cps   |
| Erbium     | 164-2 | 123643    | 125836    | 125301    | 124926    | 0.92   | cps   |
| Gadolinium | 160-1 | 238165    | 237857    | 234953    | 236991    | 0.75   | cps   |
| Gadolinium | 160-2 | 151311    | 151196    | 151587    | 151365    | 0.13   | cps   |
| Holmium    | 165-1 | 10210183  | 10354568  | 10196984  | 10253912  | 0.85   | cps   |
| Holmium    | 165-2 | 6106580   | 6140814   | 6138068   | 6128488   | 0.31   | cps   |
| Indium     | 115-1 | 7018580   | 7024220   | 6944550   | 6995783   | 0.64   | cps   |
| Indium     | 115-2 | 1619989   | 1636286   | 1652693   | 1636322   | 1.00   | cps   |
| Iron       | 56-2  | 423592487 | 425806643 | 423495765 | 424298298 | 0.31   | cps   |
| Iron       | 57-2  | 10622264  | 10591588  | 10634691  | 10616181  | 0.21   | cps   |
| Krypton    | 83-1  | 543       | 527       | 570       | 547       | 4.00   | cps   |
| Lead       | 206-1 | 697768    | 702716    | 692025    | 697503    | 0.77   | cps   |
| Lead       | 207-1 | 580717    | 586425    | 580208    | 582450    | 0.59   | cps   |
| Lead       | 208-1 | 2719998   | 2739315   | 2712230   | 2723848   | 0.51   | cps   |
| Lithium    | 6-1   | 2876802   | 2866493   | 2842988   | 2862094   | 0.61   | cps   |
| Magnesium  | 24-2  | 7531468   | 7515294   | 7573353   | 7540038   | 0.40   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-02            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-12(9.5-10)     | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 13:59:29 | DataFile Name :   | 025SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 8432398  | 8401558  | 8406633  | 8413530  | 0.20   | cps   |
| Molybdenum | 94-1  | 307174   | 308942   | 306403   | 307506   | 0.42   | cps   |
| Molybdenum | 95-1  | 29130    | 29999    | 29999    | 29709    | 1.69   | cps   |
| Molybdenum | 96-1  | 83284    | 84341    | 82429    | 83351    | 1.15   | cps   |
| Molybdenum | 97-1  | 19055    | 18429    | 18429    | 18638    | 1.94   | cps   |
| Molybdenum | 98-1  | 47940    | 47647    | 47154    | 47580    | 0.83   | cps   |
| Neodymium  | 150-1 | 346649   | 344668   | 344794   | 345370   | 0.32   | cps   |
| Neodymium  | 150-2 | 160969   | 159614   | 162018   | 160867   | 0.75   | cps   |
| Nickel     | 60-2  | 185939   | 186712   | 186891   | 186514   | 0.27   | cps   |
| Phosphorus | 31-2  | 12255    | 11905    | 11697    | 11952    | 2.36   | cps   |
| Potassium  | 39-2  | 1076445  | 1083302  | 1086338  | 1082028  | 0.47   | cps   |
| Rhodium    | 103-1 | 6214408  | 6201416  | 6148096  | 6187973  | 0.57   | cps   |
| Rhodium    | 103-2 | 3108879  | 3134623  | 3167056  | 3136853  | 0.93   | cps   |
| Scandium   | 45-1  | 5268819  | 5253016  | 5251692  | 5257842  | 0.18   | cps   |
| Scandium   | 45-2  | 244297   | 245734   | 245312   | 245114   | 0.30   | cps   |
| Selenium   | 77-2  | 593      | 537      | 480      | 537      | 10.56  | cps   |
| Selenium   | 78-2  | 407      | 385      | 419      | 404      | 4.21   | cps   |
| Selenium   | 82-1  | 664      | 684      | 578      | 642      | 8.76   | cps   |
| Silicon    | 28-1  | 82814166 | 83664087 | 82980756 | 83153003 | 0.54   | cps   |
| Silver     | 109-1 | 1258     | 1200     | 1283     | 1247     | 3.43   | cps   |
| Silver     | 107-1 | 1884     | 2092     | 1934     | 1970     | 5.52   | cps   |
| Sodium     | 23-2  | 91462    | 91723    | 91286    | 91490    | 0.24   | cps   |
| Strontium  | 86-1  | 117536   | 116082   | 116947   | 116855   | 0.63   | cps   |
| Strontium  | 88-1  | 1033659  | 1014616  | 1024622  | 1024299  | 0.93   | cps   |
| Sulfur     | 34-1  | 200844   | 199054   | 196927   | 198942   | 0.99   | cps   |
| Terbium    | 159-1 | 10532035 | 10686456 | 10529048 | 10582513 | 0.85   | cps   |
| Terbium    | 159-2 | 6034564  | 6078890  | 6065075  | 6059509  | 0.37   | cps   |
| Thallium   | 203-1 | 6077     | 6035     | 5860     | 5990     | 1.92   | cps   |
| Thallium   | 205-1 | 14767    | 14617    | 14942    | 14775    | 1.10   | cps   |
| Thorium    | 232-1 | 1280727  | 1280299  | 1281038  | 1280688  | 0.03   | cps   |
| Tin        | 118-1 | 2309     | 2675     | 2484     | 2489     | 7.37   | cps   |
| Titanium   | 47-1  | 417576   | 420604   | 412911   | 417030   | 0.93   | cps   |
| Uranium    | 238-1 | 165861   | 165565   | 167051   | 166159   | 0.47   | cps   |
| Vanadium   | 51-2  | 259849   | 260478   | 261046   | 260458   | 0.23   | cps   |
| Yttrium    | 89-1  | 10090216 | 10046298 | 10000262 | 10045592 | 0.45   | cps   |
| Yttrium    | 89-2  | 1643665  | 1662738  | 1670640  | 1659014  | 0.84   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-02            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-12(9.5-10)     | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 13:59:29 | DataFile Name :   | 025SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zinc      | 66-2 | 198745 | 200432 | 200789 | 199989  | 0.55   | cps   |
| Zirconium | 90-1 | 797383 | 791165 | 785891 | 791479  | 0.73   | cps   |
| Zirconium | 91-1 | 178180 | 177605 | 176930 | 177572  | 0.35   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-02DUP         | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-12(9.5-10)DUP  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 14:03:07 | DataFile Name :   | 026SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 7614785   | 7637893   | 7669632   | 7640770   | 0.36   | cps   |
| Antimony   | 121-1 | 2509      | 2725      | 2625      | 2620      | 4.14   | cps   |
| Arsenic    | 75-2  | 12120     | 12025     | 12009     | 12051     | 0.50   | cps   |
| Barium     | 135-1 | 586235    | 585407    | 589277    | 586973    | 0.35   | cps   |
| Barium     | 137-1 | 1020742   | 1018689   | 1014650   | 1018027   | 0.30   | cps   |
| Beryllium  | 9-1   | 10697     | 10500     | 10234     | 10477     | 2.22   | cps   |
| Bismuth    | 209-1 | 6623531   | 6681162   | 6678154   | 6660949   | 0.49   | cps   |
| Bismuth    | 209-2 | 4566729   | 4488140   | 4541941   | 4532270   | 0.89   | cps   |
| Boron      | 10-1  | 4759      | 4584      | 4959      | 4768      | 3.94   | cps   |
| Boron      | 11-1  | 21307     | 22125     | 22534     | 21989     | 2.84   | cps   |
| Cadmium    | 111-1 | 6137      | 5983      | 6109      | 6077      | 1.36   | cps   |
| Cadmium    | 106-1 | 7044      | 6727      | 7085      | 6952      | 2.82   | cps   |
| Cadmium    | 108-1 | 1258      | 1163      | 1221      | 1214      | 3.98   | cps   |
| Calcium    | 43-1  | 95801     | 93964     | 95113     | 94959     | 0.98   | cps   |
| Calcium    | 44-1  | 1571145   | 1554852   | 1559297   | 1561764   | 0.54   | cps   |
| Chromium   | 52-2  | 373915    | 375238    | 377949    | 375701    | 0.55   | cps   |
| Cobalt     | 59-2  | 323497    | 325841    | 326582    | 325307    | 0.50   | cps   |
| Copper     | 63-2  | 448204    | 448708    | 449634    | 448849    | 0.16   | cps   |
| Dysprosium | 156-1 | 253293    | 253308    | 257012    | 254538    | 0.84   | cps   |
| Dysprosium | 156-2 | 149985    | 150550    | 150516    | 150350    | 0.21   | cps   |
| Erbium     | 164-1 | 209082    | 211448    | 213959    | 211496    | 1.15   | cps   |
| Erbium     | 164-2 | 124500    | 124184    | 125193    | 124626    | 0.41   | cps   |
| Gadolinium | 160-1 | 234892    | 237894    | 237549    | 236778    | 0.69   | cps   |
| Gadolinium | 160-2 | 151968    | 151152    | 153849    | 152323    | 0.91   | cps   |
| Holmium    | 165-1 | 10075472  | 10135569  | 10238510  | 10149850  | 0.81   | cps   |
| Holmium    | 165-2 | 6271055   | 6090152   | 6176676   | 6179294   | 1.46   | cps   |
| Indium     | 115-1 | 6939809   | 6854910   | 6869861   | 6888193   | 0.66   | cps   |
| Indium     | 115-2 | 1641694   | 1620322   | 1655417   | 1639144   | 1.08   | cps   |
| Iron       | 56-2  | 423694887 | 425763032 | 428678398 | 426045439 | 0.59   | cps   |
| Iron       | 57-2  | 10620633  | 10625051  | 10675991  | 10640558  | 0.29   | cps   |
| Krypton    | 83-1  | 610       | 683       | 547       | 613       | 11.15  | cps   |
| Lead       | 206-1 | 690318    | 692304    | 699098    | 693907    | 0.66   | cps   |
| Lead       | 207-1 | 578746    | 583610    | 585149    | 582502    | 0.57   | cps   |
| Lead       | 208-1 | 2702811   | 2715160   | 2720823   | 2712932   | 0.34   | cps   |
| Lithium    | 6-1   | 2830627   | 2819273   | 2832152   | 2827351   | 0.25   | cps   |
| Magnesium  | 24-2  | 7544116   | 7523881   | 7578400   | 7548799   | 0.37   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-02DUP         | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-12(9.5-10)DUP  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 14:03:07 | DataFile Name :   | 026SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 8264731  | 8275936  | 8307447  | 8282705  | 0.27   | cps   |
| Molybdenum | 94-1  | 312792   | 311077   | 314310   | 312726   | 0.52   | cps   |
| Molybdenum | 95-1  | 30826    | 30809    | 30475    | 30703    | 0.64   | cps   |
| Molybdenum | 96-1  | 85632    | 83360    | 83276    | 84090    | 1.59   | cps   |
| Molybdenum | 97-1  | 18947    | 19381    | 18796    | 19041    | 1.59   | cps   |
| Molybdenum | 98-1  | 49002    | 47907    | 48492    | 48467    | 1.13   | cps   |
| Neodymium  | 150-1 | 339811   | 341343   | 343297   | 341484   | 0.51   | cps   |
| Neodymium  | 150-2 | 159991   | 158942   | 161786   | 160240   | 0.90   | cps   |
| Nickel     | 60-2  | 186614   | 185733   | 186628   | 186325   | 0.28   | cps   |
| Phosphorus | 31-2  | 12472    | 11755    | 11939    | 12055    | 3.09   | cps   |
| Potassium  | 39-2  | 1105581  | 1091585  | 1096583  | 1097916  | 0.65   | cps   |
| Rhodium    | 103-1 | 6099724  | 6110609  | 6130143  | 6113492  | 0.25   | cps   |
| Rhodium    | 103-2 | 3184849  | 3107915  | 3164013  | 3152259  | 1.26   | cps   |
| Scandium   | 45-1  | 5209363  | 5166236  | 5167758  | 5181119  | 0.47   | cps   |
| Scandium   | 45-2  | 251218   | 242177   | 247906   | 247100   | 1.85   | cps   |
| Selenium   | 77-2  | 520      | 467      | 477      | 488      | 5.81   | cps   |
| Selenium   | 78-2  | 376      | 344      | 400      | 373      | 7.46   | cps   |
| Selenium   | 82-1  | 537      | 607      | 613      | 586      | 7.20   | cps   |
| Silicon    | 28-1  | 82078664 | 82255177 | 82542891 | 82292244 | 0.28   | cps   |
| Silver     | 109-1 | 1317     | 1242     | 1208     | 1256     | 4.42   | cps   |
| Silver     | 107-1 | 2209     | 1950     | 1892     | 2017     | 8.36   | cps   |
| Sodium     | 23-2  | 91128    | 90749    | 91697    | 91191    | 0.52   | cps   |
| Strontium  | 86-1  | 114831   | 113991   | 114957   | 114593   | 0.46   | cps   |
| Strontium  | 88-1  | 1005597  | 1004653  | 1003247  | 1004499  | 0.12   | cps   |
| Sulfur     | 34-1  | 199323   | 198353   | 200692   | 199456   | 0.59   | cps   |
| Terbium    | 159-1 | 10434898 | 10370538 | 10531553 | 10445663 | 0.78   | cps   |
| Terbium    | 159-2 | 6163249  | 5997693  | 6109773  | 6090238  | 1.39   | cps   |
| Thallium   | 203-1 | 5985     | 6010     | 5760     | 5918     | 2.33   | cps   |
| Thallium   | 205-1 | 14250    | 14025    | 14241    | 14172    | 0.90   | cps   |
| Thorium    | 232-1 | 1263864  | 1258609  | 1275592  | 1266021  | 0.69   | cps   |
| Tin        | 118-1 | 2334     | 2584     | 2459     | 2459     | 5.08   | cps   |
| Titanium   | 47-1  | 425271   | 420397   | 418978   | 421549   | 0.78   | cps   |
| Uranium    | 238-1 | 162619   | 163456   | 166562   | 164212   | 1.27   | cps   |
| Vanadium   | 51-2  | 260920   | 259337   | 261542   | 260599   | 0.44   | cps   |
| Yttrium    | 89-1  | 9901144  | 9859055  | 9903968  | 9888056  | 0.25   | cps   |
| Yttrium    | 89-2  | 1681888  | 1658190  | 1683122  | 1674400  | 0.84   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-02DUP         | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-12(9.5-10)DUP  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 14:03:07 | DataFile Name :   | 026SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zinc      | 66-2 | 197523 | 197249 | 201183 | 198652  | 1.11   | cps   |
| Zirconium | 90-1 | 796245 | 792159 | 790028 | 792811  | 0.40   | cps   |
| Zirconium | 91-1 | 179249 | 177867 | 179899 | 179005  | 0.58   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-02LX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-12(9.5-10)L    | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 14:06:46 | DataFile Name :   | 027SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1500581  | 1528987  | 1520643  | 1516737  | 0.96   | cps   |
| Antimony   | 121-1 | 600      | 608      | 758      | 656      | 13.59  | cps   |
| Arsenic    | 75-2  | 2324     | 2308     | 2411     | 2348     | 2.37   | cps   |
| Barium     | 135-1 | 118047   | 114410   | 117106   | 116521   | 1.62   | cps   |
| Barium     | 137-1 | 206310   | 201872   | 203977   | 204053   | 1.09   | cps   |
| Beryllium  | 9-1   | 2140     | 2297     | 2220     | 2219     | 3.53   | cps   |
| Bismuth    | 209-1 | 6980893  | 6788483  | 6955634  | 6908337  | 1.51   | cps   |
| Bismuth    | 209-2 | 4629385  | 4647176  | 4653342  | 4643301  | 0.27   | cps   |
| Boron      | 10-1  | 2284     | 2275     | 2034     | 2197     | 6.46   | cps   |
| Boron      | 11-1  | 9228     | 10037    | 9045     | 9437     | 5.60   | cps   |
| Cadmium    | 111-1 | 2828     | 2836     | 2926     | 2864     | 1.90   | cps   |
| Cadmium    | 106-1 | 3651     | 3676     | 3709     | 3678     | 0.80   | cps   |
| Cadmium    | 108-1 | 229      | 238      | 183      | 217      | 13.46  | cps   |
| Calcium    | 43-1  | 19397    | 18729    | 19197    | 19108    | 1.79   | cps   |
| Calcium    | 44-1  | 314554   | 315889   | 316991   | 315812   | 0.39   | cps   |
| Chromium   | 52-2  | 76290    | 77127    | 75914    | 76444    | 0.81   | cps   |
| Cobalt     | 59-2  | 65733    | 65891    | 67086    | 66237    | 1.12   | cps   |
| Copper     | 63-2  | 92195    | 92610    | 94137    | 92981    | 1.10   | cps   |
| Dysprosium | 156-1 | 50829    | 49741    | 50703    | 50424    | 1.18   | cps   |
| Dysprosium | 156-2 | 29398    | 29699    | 30350    | 29816    | 1.63   | cps   |
| Erbium     | 164-1 | 42250    | 41858    | 40929    | 41679    | 1.63   | cps   |
| Erbium     | 164-2 | 24886    | 24843    | 24592    | 24774    | 0.64   | cps   |
| Gadolinium | 160-1 | 47425    | 45511    | 46455    | 46464    | 2.06   | cps   |
| Gadolinium | 160-2 | 29859    | 30110    | 29766    | 29912    | 0.59   | cps   |
| Holmium    | 165-1 | 10243958 | 10110148 | 10160229 | 10171445 | 0.66   | cps   |
| Holmium    | 165-2 | 6087880  | 6143449  | 6130373  | 6120567  | 0.47   | cps   |
| Indium     | 115-1 | 7134912  | 6987057  | 7109982  | 7077317  | 1.12   | cps   |
| Indium     | 115-2 | 1671101  | 1695700  | 1684078  | 1683626  | 0.73   | cps   |
| Iron       | 56-2  | 85131032 | 85553388 | 85791677 | 85492032 | 0.39   | cps   |
| Iron       | 57-2  | 2093641  | 2103640  | 2101279  | 2099520  | 0.25   | cps   |
| Krypton    | 83-1  | 280      | 353      | 307      | 313      | 11.85  | cps   |
| Lead       | 206-1 | 139355   | 138153   | 139214   | 138907   | 0.47   | cps   |
| Lead       | 207-1 | 117200   | 116019   | 115918   | 116379   | 0.61   | cps   |
| Lead       | 208-1 | 544809   | 538193   | 541034   | 541345   | 0.61   | cps   |
| Lithium    | 6-1   | 2792304  | 2735397  | 2768362  | 2765355  | 1.03   | cps   |
| Magnesium  | 24-2  | 1494701  | 1496361  | 1500166  | 1497076  | 0.19   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-02LX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-12(9.5-10)L    | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 14:06:46 | DataFile Name :   | 027SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 1658574  | 1664257  | 1672863  | 1665231  | 0.43   | cps   |
| Molybdenum | 94-1  | 60479    | 59391    | 60336    | 60069    | 0.98   | cps   |
| Molybdenum | 95-1  | 5810     | 5685     | 6093     | 5863     | 3.57   | cps   |
| Molybdenum | 96-1  | 17194    | 16527    | 16210    | 16644    | 3.02   | cps   |
| Molybdenum | 97-1  | 3434     | 3776     | 3626     | 3612     | 4.74   | cps   |
| Molybdenum | 98-1  | 9387     | 9370     | 9395     | 9384     | 0.14   | cps   |
| Neodymium  | 150-1 | 67579    | 67271    | 66882    | 67244    | 0.52   | cps   |
| Neodymium  | 150-2 | 31720    | 31626    | 32081    | 31809    | 0.75   | cps   |
| Nickel     | 60-2  | 37338    | 38083    | 37802    | 37741    | 1.00   | cps   |
| Phosphorus | 31-2  | 2517     | 2659     | 2625     | 2600     | 2.85   | cps   |
| Potassium  | 39-2  | 232333   | 231191   | 230333   | 231286   | 0.43   | cps   |
| Rhodium    | 103-1 | 6410697  | 6222883  | 6384432  | 6339337  | 1.60   | cps   |
| Rhodium    | 103-2 | 3233912  | 3278748  | 3291977  | 3268212  | 0.93   | cps   |
| Scandium   | 45-1  | 4955359  | 4839661  | 4902018  | 4899013  | 1.18   | cps   |
| Scandium   | 45-2  | 233442   | 236552   | 236073   | 235356   | 0.71   | cps   |
| Selenium   | 77-2  | 137      | 110      | 137      | 128      | 12.05  | cps   |
| Selenium   | 78-2  | 137      | 139      | 133      | 136      | 2.07   | cps   |
| Selenium   | 82-1  | 264      | 242      | 253      | 253      | 4.32   | cps   |
| Silicon    | 28-1  | 16657106 | 16484958 | 16701674 | 16614579 | 0.69   | cps   |
| Silver     | 109-1 | 258      | 308      | 242      | 269      | 12.88  | cps   |
| Silver     | 107-1 | 575      | 450      | 592      | 539      | 14.37  | cps   |
| Sodium     | 23-2  | 23168    | 23786    | 22960    | 23305    | 1.84   | cps   |
| Strontium  | 86-1  | 23086    | 23236    | 22727    | 23016    | 1.14   | cps   |
| Strontium  | 88-1  | 198563   | 195953   | 199723   | 198080   | 0.97   | cps   |
| Sulfur     | 34-1  | 211631   | 210507   | 207146   | 209761   | 1.11   | cps   |
| Terbium    | 159-1 | 10501479 | 10355118 | 10483763 | 10446786 | 0.76   | cps   |
| Terbium    | 159-2 | 6025033  | 6096338  | 6064181  | 6061851  | 0.59   | cps   |
| Thallium   | 203-1 | 1367     | 1350     | 1500     | 1406     | 5.85   | cps   |
| Thallium   | 205-1 | 3142     | 2900     | 3126     | 3056     | 4.42   | cps   |
| Thorium    | 232-1 | 248127   | 247196   | 248861   | 248061   | 0.34   | cps   |
| Tin        | 118-1 | 717      | 1042     | 1033     | 931      | 19.91  | cps   |
| Titanium   | 47-1  | 82708    | 83875    | 80026    | 82203    | 2.40   | cps   |
| Uranium    | 238-1 | 32726    | 31815    | 31598    | 32046    | 1.87   | cps   |
| Vanadium   | 51-2  | 51506    | 51988    | 52450    | 51981    | 0.91   | cps   |
| Yttrium    | 89-1  | 8097739  | 7935499  | 8064645  | 8032628  | 1.07   | cps   |
| Yttrium    | 89-2  | 1337793  | 1358297  | 1352508  | 1349532  | 0.78   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-02LX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-12(9.5-10)L    | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 14:06:46 | DataFile Name :   | 027SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zinc      | 66-2 | 42358  | 42402  | 42117  | 42292   | 0.36   | cps   |
| Zirconium | 90-1 | 154088 | 151879 | 153270 | 153079  | 0.73   | cps   |
| Zirconium | 91-1 | 35236  | 33690  | 35194  | 34707   | 2.54   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-02MS          | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-12(9.5-10)MS   | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 14:10:23 | DataFile Name :   | 028SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 8712984   | 8840664   | 8818015   | 8790554   | 0.77   | cps   |
| Antimony   | 121-1 | 1178361   | 1192458   | 1209134   | 1193318   | 1.29   | cps   |
| Arsenic    | 75-2  | 121550    | 122770    | 123367    | 122563    | 0.76   | cps   |
| Barium     | 135-1 | 5366354   | 5466430   | 5536153   | 5456312   | 1.56   | cps   |
| Barium     | 137-1 | 9354682   | 9531918   | 9623686   | 9503429   | 1.44   | cps   |
| Beryllium  | 9-1   | 938594    | 946686    | 961417    | 948899    | 1.22   | cps   |
| Bismuth    | 209-1 | 6042829   | 6153941   | 6209445   | 6135405   | 1.38   | cps   |
| Bismuth    | 209-2 | 4163717   | 4177679   | 4198023   | 4179806   | 0.41   | cps   |
| Boron      | 10-1  | 139539    | 143659    | 145773    | 142990    | 2.22   | cps   |
| Boron      | 11-1  | 611229    | 622739    | 637845    | 623938    | 2.14   | cps   |
| Cadmium    | 111-1 | 949646    | 949584    | 961442    | 953557    | 0.72   | cps   |
| Cadmium    | 106-1 | 114846    | 117577    | 116526    | 116316    | 1.18   | cps   |
| Cadmium    | 108-1 | 75320     | 75307     | 76128     | 75585     | 0.62   | cps   |
| Calcium    | 43-1  | 1287979   | 1308745   | 1310692   | 1302472   | 0.97   | cps   |
| Calcium    | 44-1  | 20871768  | 21144918  | 21299241  | 21105309  | 1.03   | cps   |
| Chromium   | 52-2  | 1514982   | 1528294   | 1517929   | 1520402   | 0.46   | cps   |
| Cobalt     | 59-2  | 2125945   | 2130541   | 2124084   | 2126857   | 0.16   | cps   |
| Copper     | 63-2  | 2668090   | 2687095   | 2688656   | 2681280   | 0.43   | cps   |
| Dysprosium | 156-1 | 248468    | 248380    | 255229    | 250692    | 1.57   | cps   |
| Dysprosium | 156-2 | 144975    | 148475    | 148087    | 147179    | 1.30   | cps   |
| Erbium     | 164-1 | 204286    | 204823    | 206159    | 205089    | 0.47   | cps   |
| Erbium     | 164-2 | 120279    | 119991    | 121574    | 120615    | 0.70   | cps   |
| Gadolinium | 160-1 | 226829    | 227413    | 232029    | 228757    | 1.25   | cps   |
| Gadolinium | 160-2 | 148099    | 151223    | 149524    | 149615    | 1.05   | cps   |
| Holmium    | 165-1 | 9405177   | 9493812   | 9648129   | 9515706   | 1.29   | cps   |
| Holmium    | 165-2 | 5794501   | 5833954   | 5847481   | 5825312   | 0.47   | cps   |
| Indium     | 115-1 | 6194754   | 6298918   | 6422391   | 6305354   | 1.81   | cps   |
| Indium     | 115-2 | 1505070   | 1526344   | 1535412   | 1522275   | 1.02   | cps   |
| Iron       | 56-2  | 435334188 | 436453899 | 439012599 | 436933562 | 0.43   | cps   |
| Iron       | 57-2  | 10880350  | 10920071  | 10892638  | 10897686  | 0.19   | cps   |
| Krypton    | 83-1  | 557       | 517       | 483       | 519       | 7.08   | cps   |
| Lead       | 206-1 | 4140556   | 4169727   | 4234594   | 4181626   | 1.15   | cps   |
| Lead       | 207-1 | 3668409   | 3711589   | 3729342   | 3703113   | 0.85   | cps   |
| Lead       | 208-1 | 16812908  | 17015486  | 17087195  | 16971863  | 0.84   | cps   |
| Lithium    | 6-1   | 2552084   | 2603912   | 2639750   | 2598582   | 1.70   | cps   |
| Magnesium  | 24-2  | 17398575  | 17688810  | 17649410  | 17578932  | 0.90   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-02MS          | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-12(9.5-10)MS   | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 14:10:23 | DataFile Name :   | 028SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 8877765  | 8946017  | 8908103  | 8910628  | 0.38   | cps   |
| Molybdenum | 94-1  | 8125833  | 8107827  | 8246224  | 8159961  | 0.92   | cps   |
| Molybdenum | 95-1  | 9248717  | 9297250  | 9446359  | 9330775  | 1.10   | cps   |
| Molybdenum | 96-1  | 10309916 | 10379341 | 10568440 | 10419232 | 1.28   | cps   |
| Molybdenum | 97-1  | 5748606  | 5826529  | 5926679  | 5833938  | 1.53   | cps   |
| Molybdenum | 98-1  | 14791074 | 14852722 | 15151794 | 14931864 | 1.29   | cps   |
| Neodymium  | 150-1 | 330959   | 335830   | 343180   | 336657   | 1.83   | cps   |
| Neodymium  | 150-2 | 159772   | 161542   | 160038   | 160451   | 0.59   | cps   |
| Nickel     | 60-2  | 622737   | 625631   | 626586   | 624985   | 0.32   | cps   |
| Phosphorus | 31-2  | 11588    | 11196    | 11497    | 11427    | 1.79   | cps   |
| Potassium  | 39-2  | 5679033  | 5808734  | 5787368  | 5758379  | 1.21   | cps   |
| Rhodium    | 103-1 | 5416205  | 5472880  | 5553516  | 5480867  | 1.26   | cps   |
| Rhodium    | 103-2 | 2845612  | 2870766  | 2887779  | 2868052  | 0.74   | cps   |
| Scandium   | 45-1  | 4697317  | 4780841  | 4832369  | 4770175  | 1.43   | cps   |
| Scandium   | 45-2  | 230592   | 235291   | 233253   | 233045   | 1.01   | cps   |
| Selenium   | 77-2  | 3484     | 3637     | 3474     | 3532     | 2.59   | cps   |
| Selenium   | 78-2  | 10113    | 10663    | 10563    | 10446    | 2.81   | cps   |
| Selenium   | 82-1  | 56114    | 55729    | 56273    | 56039    | 0.50   | cps   |
| Silicon    | 28-1  | 84291764 | 85666331 | 86621158 | 85526418 | 1.37   | cps   |
| Silver     | 109-1 | 4032886  | 4096837  | 4094178  | 4074634  | 0.89   | cps   |
| Silver     | 107-1 | 4220394  | 4254584  | 4305324  | 4260101  | 1.00   | cps   |
| Sodium     | 23-2  | 20267065 | 20596504 | 20606128 | 20489899 | 0.94   | cps   |
| Strontium  | 86-1  | 1347734  | 1356102  | 1393761  | 1365866  | 1.80   | cps   |
| Strontium  | 88-1  | 11946817 | 12019333 | 12211323 | 12059158 | 1.13   | cps   |
| Sulfur     | 34-1  | 217957   | 211337   | 213485   | 214260   | 1.58   | cps   |
| Terbium    | 159-1 | 9636477  | 9826431  | 10035027 | 9832645  | 2.03   | cps   |
| Terbium    | 159-2 | 5697993  | 5740622  | 5781934  | 5740183  | 0.73   | cps   |
| Thallium   | 203-1 | 4211051  | 4209116  | 4301427  | 4240531  | 1.24   | cps   |
| Thallium   | 205-1 | 10193871 | 10232096 | 10434237 | 10286735 | 1.26   | cps   |
| Thorium    | 232-1 | 1241248  | 1239867  | 1254369  | 1245161  | 0.64   | cps   |
| Tin        | 118-1 | 1582649  | 1595046  | 1612064  | 1596586  | 0.92   | cps   |
| Titanium   | 47-1  | 2803107  | 2815063  | 2865584  | 2827918  | 1.17   | cps   |
| Uranium    | 238-1 | 17035579 | 17401105 | 17672947 | 17369877 | 1.84   | cps   |
| Vanadium   | 51-2  | 1219357  | 1234993  | 1224943  | 1226431  | 0.65   | cps   |
| Yttrium    | 89-1  | 9053410  | 9161175  | 9268008  | 9160864  | 1.17   | cps   |
| Yttrium    | 89-2  | 1554639  | 1578972  | 1575938  | 1569850  | 0.84   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-02MS          | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-12(9.5-10)MS   | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 14:10:23 | DataFile Name :   | 028SMPL.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zinc      | 66-2 | 545293  | 557887  | 552944  | 552041  | 1.15   | cps   |
| Zirconium | 90-1 | 7751858 | 7819573 | 7928942 | 7833458 | 1.14   | cps   |
| Zirconium | 91-1 | 1702983 | 1711414 | 1723819 | 1712739 | 0.61   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-02MSD         | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-12(9.5-10)MSD  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 14:14:03 | DataFile Name :   | 029SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 9070988   | 9089382   | 9080205   | 9080192   | 0.10   | cps   |
| Antimony   | 121-1 | 1160141   | 1160837   | 1165858   | 1162279   | 0.27   | cps   |
| Arsenic    | 75-2  | 124391    | 124197    | 124258    | 124282    | 0.08   | cps   |
| Barium     | 135-1 | 5626468   | 5675407   | 5656701   | 5652859   | 0.44   | cps   |
| Barium     | 137-1 | 9824196   | 9901892   | 9906080   | 9877389   | 0.47   | cps   |
| Beryllium  | 9-1   | 976360    | 976695    | 979403    | 977486    | 0.17   | cps   |
| Bismuth    | 209-1 | 6095750   | 6145473   | 6122903   | 6121375   | 0.41   | cps   |
| Bismuth    | 209-2 | 4095371   | 4112882   | 4136268   | 4114840   | 0.50   | cps   |
| Boron      | 10-1  | 149945    | 152026    | 154575    | 152182    | 1.52   | cps   |
| Boron      | 11-1  | 655103    | 667541    | 667370    | 663338    | 1.08   | cps   |
| Cadmium    | 111-1 | 977537    | 969267    | 975273    | 974026    | 0.44   | cps   |
| Cadmium    | 106-1 | 119594    | 118391    | 120157    | 119381    | 0.76   | cps   |
| Cadmium    | 108-1 | 77976     | 77448     | 78130     | 77851     | 0.46   | cps   |
| Calcium    | 43-1  | 1347131   | 1353913   | 1350037   | 1350360   | 0.25   | cps   |
| Calcium    | 44-1  | 21893886  | 21973415  | 21869425  | 21912242  | 0.25   | cps   |
| Chromium   | 52-2  | 1524415   | 1530098   | 1542391   | 1532301   | 0.60   | cps   |
| Cobalt     | 59-2  | 2114912   | 2124877   | 2133364   | 2124384   | 0.43   | cps   |
| Copper     | 63-2  | 2719622   | 2727751   | 2743457   | 2730277   | 0.44   | cps   |
| Dysprosium | 156-1 | 255862    | 255667    | 254792    | 255440    | 0.22   | cps   |
| Dysprosium | 156-2 | 148061    | 150847    | 150725    | 149878    | 1.05   | cps   |
| Erbium     | 164-1 | 205587    | 209392    | 209265    | 208081    | 1.04   | cps   |
| Erbium     | 164-2 | 122711    | 122267    | 123730    | 122903    | 0.61   | cps   |
| Gadolinium | 160-1 | 230765    | 233130    | 232402    | 232099    | 0.52   | cps   |
| Gadolinium | 160-2 | 152035    | 150255    | 152106    | 151465    | 0.69   | cps   |
| Holmium    | 165-1 | 9476480   | 9555160   | 9534758   | 9522133   | 0.43   | cps   |
| Holmium    | 165-2 | 5725310   | 5742420   | 5756513   | 5741415   | 0.27   | cps   |
| Indium     | 115-1 | 6326243   | 6308042   | 6316524   | 6316936   | 0.14   | cps   |
| Indium     | 115-2 | 1483910   | 1487240   | 1495503   | 1488884   | 0.40   | cps   |
| Iron       | 56-2  | 445020821 | 445177543 | 445992677 | 445397014 | 0.12   | cps   |
| Iron       | 57-2  | 11068406  | 11157405  | 11141666  | 11122492  | 0.43   | cps   |
| Krypton    | 83-1  | 567       | 540       | 520       | 542       | 4.32   | cps   |
| Lead       | 206-1 | 4247756   | 4267059   | 4235055   | 4249956   | 0.38   | cps   |
| Lead       | 207-1 | 3743481   | 3772920   | 3750758   | 3755720   | 0.41   | cps   |
| Lead       | 208-1 | 17212167  | 17428369  | 17266182  | 17302239  | 0.65   | cps   |
| Lithium    | 6-1   | 2614676   | 2618330   | 2609840   | 2614282   | 0.16   | cps   |
| Magnesium  | 24-2  | 17355188  | 17324360  | 17347755  | 17342434  | 0.09   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-02MSD         | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-12(9.5-10)MSD  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 14:14:03 | DataFile Name :   | 029SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 9057702  | 9078970  | 9111790  | 9082821  | 0.30   | cps   |
| Molybdenum | 94-1  | 8404438  | 8464528  | 8445849  | 8438272  | 0.36   | cps   |
| Molybdenum | 95-1  | 9549754  | 9604094  | 9620184  | 9591344  | 0.38   | cps   |
| Molybdenum | 96-1  | 10714937 | 10825328 | 10804349 | 10781538 | 0.54   | cps   |
| Molybdenum | 97-1  | 6005368  | 6057104  | 6014188  | 6025554  | 0.46   | cps   |
| Molybdenum | 98-1  | 15367046 | 15487800 | 15434456 | 15429767 | 0.39   | cps   |
| Neodymium  | 150-1 | 345038   | 345392   | 347221   | 345884   | 0.34   | cps   |
| Neodymium  | 150-2 | 159860   | 164247   | 163380   | 162496   | 1.43   | cps   |
| Nickel     | 60-2  | 623336   | 628920   | 627843   | 626700   | 0.47   | cps   |
| Phosphorus | 31-2  | 11997    | 12214    | 11747    | 11986    | 1.95   | cps   |
| Potassium  | 39-2  | 5989954  | 5972536  | 5959748  | 5974079  | 0.25   | cps   |
| Rhodium    | 103-1 | 5460248  | 5552730  | 5520322  | 5511100  | 0.85   | cps   |
| Rhodium    | 103-2 | 2804278  | 2830187  | 2833602  | 2822689  | 0.57   | cps   |
| Scandium   | 45-1  | 4810739  | 4832564  | 4818643  | 4820649  | 0.23   | cps   |
| Scandium   | 45-2  | 228664   | 229991   | 230609   | 229755   | 0.43   | cps   |
| Selenium   | 77-2  | 3527     | 3420     | 3444     | 3464     | 1.62   | cps   |
| Selenium   | 78-2  | 10526    | 10806    | 10595    | 10642    | 1.37   | cps   |
| Selenium   | 82-1  | 57738    | 57619    | 57993    | 57784    | 0.33   | cps   |
| Silicon    | 28-1  | 71377139 | 71387114 | 71408695 | 71390983 | 0.02   | cps   |
| Silver     | 109-1 | 4186990  | 4147515  | 4188201  | 4174235  | 0.55   | cps   |
| Silver     | 107-1 | 4335267  | 4335811  | 4386974  | 4352684  | 0.68   | cps   |
| Sodium     | 23-2  | 20738843 | 20679241 | 20801464 | 20739849 | 0.29   | cps   |
| Strontium  | 86-1  | 1404310  | 1420136  | 1414946  | 1413131  | 0.57   | cps   |
| Strontium  | 88-1  | 12453301 | 12555116 | 12415667 | 12474695 | 0.58   | cps   |
| Sulfur     | 34-1  | 224439   | 223088   | 226217   | 224581   | 0.70   | cps   |
| Terbium    | 159-1 | 9729651  | 9813279  | 9754866  | 9765932  | 0.44   | cps   |
| Terbium    | 159-2 | 5639066  | 5612821  | 5670527  | 5640805  | 0.51   | cps   |
| Thallium   | 203-1 | 4335335  | 4332875  | 4319111  | 4329107  | 0.20   | cps   |
| Thallium   | 205-1 | 10590230 | 10622394 | 10525057 | 10579227 | 0.47   | cps   |
| Thorium    | 232-1 | 1834890  | 1826942  | 1843834  | 1835222  | 0.46   | cps   |
| Tin        | 118-1 | 1736353  | 1725296  | 1746200  | 1735950  | 0.60   | cps   |
| Titanium   | 47-1  | 2973118  | 2967083  | 2965704  | 2968635  | 0.13   | cps   |
| Uranium    | 238-1 | 17610661 | 17778553 | 17672299 | 17687171 | 0.48   | cps   |
| Vanadium   | 51-2  | 1255409  | 1250251  | 1258635  | 1254765  | 0.34   | cps   |
| Yttrium    | 89-1  | 9215816  | 9227412  | 9276977  | 9240068  | 0.35   | cps   |
| Yttrium    | 89-2  | 1541606  | 1543343  | 1554363  | 1546437  | 0.45   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-02MSD         | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-12(9.5-10)MSD  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 14:14:03 | DataFile Name :   | 029SMPL.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zinc      | 66-2 | 553816  | 557965  | 554086  | 555289  | 0.42   | cps   |
| Zirconium | 90-1 | 8107232 | 8174441 | 8222525 | 8168066 | 0.71   | cps   |
| Zirconium | 91-1 | 1764784 | 1785211 | 1789660 | 1779885 | 0.75   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-02A           | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-12(9.5-10)A    | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 14:17:40 | DataFile Name :   | 030SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 8853299   | 8845187   | 8938655   | 8879047   | 0.58   | cps   |
| Antimony   | 121-1 | 1185829   | 1189537   | 1200266   | 1191877   | 0.63   | cps   |
| Arsenic    | 75-2  | 122619    | 121067    | 123369    | 122352    | 0.96   | cps   |
| Barium     | 135-1 | 5492997   | 5562713   | 5610532   | 5555414   | 1.06   | cps   |
| Barium     | 137-1 | 9527960   | 9710678   | 9829021   | 9689220   | 1.57   | cps   |
| Beryllium  | 9-1   | 964355    | 968426    | 965526    | 966103    | 0.22   | cps   |
| Bismuth    | 209-1 | 6445901   | 5502549   | 6179771   | 6042740   | 8.05   | cps   |
| Bismuth    | 209-2 | 4122537   | 4164236   | 4265682   | 4184152   | 1.76   | cps   |
| Boron      | 10-1  | 147236    | 150747    | 151898    | 149960    | 1.62   | cps   |
| Boron      | 11-1  | 646284    | 662502    | 672827    | 660538    | 2.03   | cps   |
| Cadmium    | 111-1 | 957656    | 956661    | 959862    | 958060    | 0.17   | cps   |
| Cadmium    | 106-1 | 118005    | 116796    | 119341    | 118047    | 1.08   | cps   |
| Cadmium    | 108-1 | 76660     | 76819     | 77498     | 76992     | 0.58   | cps   |
| Calcium    | 43-1  | 1319287   | 1331897   | 1320498   | 1323894   | 0.53   | cps   |
| Calcium    | 44-1  | 21415505  | 21549270  | 21537898  | 21500891  | 0.34   | cps   |
| Chromium   | 52-2  | 1513976   | 1525586   | 1525871   | 1521811   | 0.45   | cps   |
| Cobalt     | 59-2  | 2116328   | 2113072   | 2121140   | 2116847   | 0.19   | cps   |
| Copper     | 63-2  | 2678372   | 2686549   | 2690106   | 2685009   | 0.22   | cps   |
| Dysprosium | 156-1 | 250795    | 250341    | 251628    | 250922    | 0.26   | cps   |
| Dysprosium | 156-2 | 146591    | 148768    | 148282    | 147881    | 0.77   | cps   |
| Erbium     | 164-1 | 205383    | 207511    | 208250    | 207048    | 0.72   | cps   |
| Erbium     | 164-2 | 121736    | 121121    | 121494    | 121450    | 0.26   | cps   |
| Gadolinium | 160-1 | 231322    | 233047    | 232267    | 232212    | 0.37   | cps   |
| Gadolinium | 160-2 | 149516    | 149505    | 149396    | 149472    | 0.04   | cps   |
| Holmium    | 165-1 | 10056079  | 8604778   | 9670405   | 9443754   | 7.96   | cps   |
| Holmium    | 165-2 | 5778560   | 5813102   | 5952279   | 5847980   | 1.57   | cps   |
| Indium     | 115-1 | 6637714   | 5621921   | 6308875   | 6189503   | 8.37   | cps   |
| Indium     | 115-2 | 1499150   | 1508891   | 1551383   | 1519808   | 1.83   | cps   |
| Iron       | 56-2  | 439461299 | 438182032 | 439883843 | 439175725 | 0.20   | cps   |
| Iron       | 57-2  | 10973987  | 10928331  | 10935374  | 10945897  | 0.22   | cps   |
| Krypton    | 83-1  | 540       | 560       | 523       | 541       | 3.39   | cps   |
| Lead       | 206-1 | 4185954   | 4230392   | 4240445   | 4218930   | 0.69   | cps   |
| Lead       | 207-1 | 3704493   | 3750759   | 3752186   | 3735813   | 0.73   | cps   |
| Lead       | 208-1 | 17000679  | 17177297  | 17238047  | 17138674  | 0.72   | cps   |
| Lithium    | 6-1   | 2735082   | 2418739   | 2628452   | 2594091   | 6.20   | cps   |
| Magnesium  | 24-2  | 17544947  | 17550457  | 17599171  | 17564858  | 0.17   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-02A           | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-12(9.5-10)A    | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 14:17:40 | DataFile Name :   | 030SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 8959908  | 8941356  | 8992939  | 8964735  | 0.29   | cps   |
| Molybdenum | 94-1  | 8206214  | 8309061  | 8346614  | 8287296  | 0.88   | cps   |
| Molybdenum | 95-1  | 9415421  | 9454591  | 9512236  | 9460749  | 0.51   | cps   |
| Molybdenum | 96-1  | 10540948 | 10621896 | 10685553 | 10616133 | 0.68   | cps   |
| Molybdenum | 97-1  | 5892796  | 5935695  | 5952868  | 5927120  | 0.52   | cps   |
| Molybdenum | 98-1  | 15093532 | 15204252 | 15220932 | 15172905 | 0.46   | cps   |
| Neodymium  | 150-1 | 336126   | 337473   | 342635   | 338745   | 1.01   | cps   |
| Neodymium  | 150-2 | 159343   | 161340   | 161067   | 160583   | 0.67   | cps   |
| Nickel     | 60-2  | 622054   | 621110   | 624588   | 622584   | 0.29   | cps   |
| Phosphorus | 31-2  | 11263    | 11472    | 11080    | 11271    | 1.74   | cps   |
| Potassium  | 39-2  | 5816185  | 5832208  | 5836294  | 5828229  | 0.18   | cps   |
| Rhodium    | 103-1 | 5761780  | 4917299  | 5496233  | 5391771  | 8.01   | cps   |
| Rhodium    | 103-2 | 2831856  | 2857255  | 2911756  | 2866956  | 1.42   | cps   |
| Scandium   | 45-1  | 5035341  | 4356268  | 4804135  | 4731915  | 7.30   | cps   |
| Scandium   | 45-2  | 227647   | 232366   | 237960   | 232658   | 2.22   | cps   |
| Selenium   | 77-2  | 3357     | 3530     | 3384     | 3424     | 2.73   | cps   |
| Selenium   | 78-2  | 10554    | 10576    | 10706    | 10612    | 0.77   | cps   |
| Selenium   | 82-1  | 56140    | 56132    | 56905    | 56392    | 0.79   | cps   |
| Silicon    | 28-1  | 82830216 | 84063379 | 83969585 | 83621060 | 0.82   | cps   |
| Silver     | 109-1 | 4139456  | 4109296  | 4137628  | 4128793  | 0.41   | cps   |
| Silver     | 107-1 | 4279146  | 4317458  | 4340222  | 4312275  | 0.72   | cps   |
| Sodium     | 23-2  | 20551522 | 20590147 | 20651739 | 20597803 | 0.25   | cps   |
| Strontium  | 86-1  | 1381668  | 1385020  | 1399493  | 1388727  | 0.68   | cps   |
| Strontium  | 88-1  | 12198175 | 12257433 | 12280914 | 12245507 | 0.35   | cps   |
| Sulfur     | 34-1  | 222970   | 225482   | 225735   | 224729   | 0.68   | cps   |
| Terbium    | 159-1 | 10285337 | 8755436  | 9855900  | 9632224  | 8.19   | cps   |
| Terbium    | 159-2 | 5670983  | 5732648  | 5846064  | 5749899  | 1.54   | cps   |
| Thallium   | 203-1 | 4222566  | 4305046  | 4341184  | 4289598  | 1.42   | cps   |
| Thallium   | 205-1 | 10322571 | 10447302 | 10500905 | 10423593 | 0.88   | cps   |
| Thorium    | 232-1 | 1404341  | 1426969  | 1428291  | 1419867  | 0.95   | cps   |
| Tin        | 118-1 | 1632583  | 1636506  | 1650575  | 1639888  | 0.58   | cps   |
| Titanium   | 47-1  | 2866252  | 2923701  | 2921537  | 2903830  | 1.12   | cps   |
| Uranium    | 238-1 | 17264818 | 17541132 | 17648983 | 17484977 | 1.13   | cps   |
| Vanadium   | 51-2  | 1228183  | 1236912  | 1232623  | 1232573  | 0.35   | cps   |
| Yttrium    | 89-1  | 9551188  | 8530369  | 9203759  | 9095106  | 5.71   | cps   |
| Yttrium    | 89-2  | 1560857  | 1566393  | 1596711  | 1574654  | 1.23   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-02A           | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-12(9.5-10)A    | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 14:17:40 | DataFile Name :   | 030SMPL.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zinc      | 66-2 | 547308  | 551449  | 549063  | 549273  | 0.38   | cps   |
| Zirconium | 90-1 | 7853028 | 7971301 | 7972944 | 7932424 | 0.87   | cps   |
| Zirconium | 91-1 | 1734427 | 1749406 | 1750262 | 1744698 | 0.51   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB103076            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV18               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV18               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2019-05-29 14:29:29 | DataFile Name :   | 031CCV.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 4447114   | 4463484   | 4434456   | 4448351   | 0.33   | cps   |
| Antimony   | 121-1 | 3328178   | 3314709   | 3317696   | 3320194   | 0.21   | cps   |
| Arsenic    | 75-2  | 118791    | 118390    | 117559    | 118247    | 0.53   | cps   |
| Barium     | 135-1 | 4621764   | 4579047   | 4622340   | 4607717   | 0.54   | cps   |
| Barium     | 137-1 | 8100110   | 8120322   | 8105851   | 8108761   | 0.13   | cps   |
| Beryllium  | 9-1   | 896081    | 895891    | 893067    | 895013    | 0.19   | cps   |
| Bismuth    | 209-1 | 5774386   | 6031602   | 5983208   | 5929732   | 2.31   | cps   |
| Bismuth    | 209-2 | 3933687   | 3976288   | 3938970   | 3949648   | 0.59   | cps   |
| Boron      | 10-1  | 137455    | 138168    | 141540    | 139054    | 1.57   | cps   |
| Boron      | 11-1  | 603353    | 607031    | 619143    | 609842    | 1.35   | cps   |
| Cadmium    | 111-1 | 1018630   | 1007593   | 1005915   | 1010713   | 0.68   | cps   |
| Cadmium    | 106-1 | 117173    | 118559    | 117567    | 117766    | 0.61   | cps   |
| Cadmium    | 108-1 | 79233     | 79257     | 78939     | 79143     | 0.22   | cps   |
| Calcium    | 43-1  | 5538999   | 5479957   | 5502199   | 5507052   | 0.54   | cps   |
| Calcium    | 44-1  | 89657767  | 89036631  | 89341802  | 89345400  | 0.35   | cps   |
| Chromium   | 52-2  | 1065465   | 1070349   | 1071201   | 1069005   | 0.29   | cps   |
| Cobalt     | 59-2  | 1599452   | 1606697   | 1601168   | 1602439   | 0.24   | cps   |
| Copper     | 63-2  | 2342473   | 2352520   | 2346211   | 2347068   | 0.22   | cps   |
| Dysprosium | 156-1 | 83        | 133       | 92        | 103       | 26.06  | cps   |
| Dysprosium | 156-2 | 137       | 140       | 133       | 137       | 2.44   | cps   |
| Erbium     | 164-1 | 50        | 50        | 50        | 50        | 0.00   | cps   |
| Erbium     | 164-2 | 23        | 20        | 23        | 22        | 8.65   | cps   |
| Gadolinium | 160-1 | 33        | 25        | 42        | 33        | 25.01  | cps   |
| Gadolinium | 160-2 | 157       | 173       | 203       | 178       | 13.30  | cps   |
| Holmium    | 165-1 | 9278287   | 9530623   | 9421197   | 9410036   | 1.34   | cps   |
| Holmium    | 165-2 | 5592228   | 5613005   | 5558314   | 5587849   | 0.49   | cps   |
| Indium     | 115-1 | 5998164   | 6210374   | 6119493   | 6109344   | 1.74   | cps   |
| Indium     | 115-2 | 1441992   | 1453960   | 1442187   | 1446047   | 0.47   | cps   |
| Iron       | 56-2  | 224751277 | 223729655 | 223134022 | 223871651 | 0.37   | cps   |
| Iron       | 57-2  | 5596159   | 5623236   | 5631693   | 5617029   | 0.33   | cps   |
| Krypton    | 83-1  | 287       | 220       | 210       | 239       | 17.44  | cps   |
| Lead       | 206-1 | 3228153   | 3229277   | 3231871   | 3229767   | 0.06   | cps   |
| Lead       | 207-1 | 2967978   | 2995844   | 2979988   | 2981270   | 0.47   | cps   |
| Lead       | 208-1 | 13368820  | 13437523  | 13403069  | 13403138  | 0.26   | cps   |
| Lithium    | 6-1   | 2403290   | 2466651   | 2449912   | 2439951   | 1.35   | cps   |
| Magnesium  | 24-2  | 43772401  | 44220746  | 43768440  | 43920529  | 0.59   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB103076            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV18               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV18               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2019-05-29 14:29:29 | DataFile Name :   | 031CCV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 1396160  | 1393166  | 1392235  | 1393854  | 0.15   | cps   |
| Molybdenum | 94-1  | 7243908  | 7188100  | 7214561  | 7215523  | 0.39   | cps   |
| Molybdenum | 95-1  | 8742260  | 8637208  | 8688530  | 8689332  | 0.60   | cps   |
| Molybdenum | 96-1  | 9711713  | 9607792  | 9640697  | 9653401  | 0.55   | cps   |
| Molybdenum | 97-1  | 5485813  | 5418436  | 5473456  | 5459235  | 0.66   | cps   |
| Molybdenum | 98-1  | 13965217 | 13959977 | 13970280 | 13965158 | 0.04   | cps   |
| Neodymium  | 150-1 | 540      | 473      | 547      | 520      | 7.80   | cps   |
| Neodymium  | 150-2 | 67       | 63       | 53       | 61       | 11.36  | cps   |
| Nickel     | 60-2  | 392353   | 393977   | 393459   | 393263   | 0.21   | cps   |
| Phosphorus | 31-2  | 40330    | 41977    | 40890    | 41066    | 2.04   | cps   |
| Potassium  | 39-2  | 22753078 | 22694222 | 22510432 | 22652577 | 0.56   | cps   |
| Rhodium    | 103-1 | 5126970  | 5320071  | 5264461  | 5237167  | 1.90   | cps   |
| Rhodium    | 103-2 | 2694501  | 2706687  | 2704575  | 2701921  | 0.24   | cps   |
| Scandium   | 45-1  | 4146652  | 4280898  | 4228861  | 4218803  | 1.60   | cps   |
| Scandium   | 45-2  | 207008   | 207393   | 206068   | 206823   | 0.33   | cps   |
| Selenium   | 77-2  | 3584     | 3737     | 3674     | 3665     | 2.10   | cps   |
| Selenium   | 78-2  | 11998    | 12290    | 12253    | 12181    | 1.31   | cps   |
| Selenium   | 82-1  | 69107    | 68384    | 68575    | 68689    | 0.55   | cps   |
| Silicon    | 28-1  | 2654287  | 2661624  | 2669791  | 2661901  | 0.29   | cps   |
| Silver     | 109-1 | 4285233  | 4265563  | 4274652  | 4275149  | 0.23   | cps   |
| Silver     | 107-1 | 4461558  | 4469290  | 4444989  | 4458612  | 0.28   | cps   |
| Sodium     | 23-2  | 84554669 | 85125333 | 83929719 | 84536573 | 0.71   | cps   |
| Strontium  | 86-1  | 1147761  | 1136065  | 1153866  | 1145897  | 0.79   | cps   |
| Strontium  | 88-1  | 10112494 | 10082275 | 10070195 | 10088321 | 0.22   | cps   |
| Sulfur     | 34-1  | 701561   | 699349   | 689390   | 696767   | 0.93   | cps   |
| Terbium    | 159-1 | 9443879  | 9776134  | 9568452  | 9596155  | 1.75   | cps   |
| Terbium    | 159-2 | 5481428  | 5510925  | 5468727  | 5487027  | 0.39   | cps   |
| Thallium   | 203-1 | 4023046  | 4000797  | 3990394  | 4004745  | 0.42   | cps   |
| Thallium   | 205-1 | 9790683  | 9654546  | 9731523  | 9725584  | 0.70   | cps   |
| Thorium    | 232-1 | 16730599 | 16742859 | 16807016 | 16760158 | 0.24   | cps   |
| Tin        | 118-1 | 2891806  | 2879161  | 2893763  | 2888243  | 0.27   | cps   |
| Titanium   | 47-1  | 2512050  | 2518939  | 2521673  | 2517554  | 0.20   | cps   |
| Uranium    | 238-1 | 16502752 | 16447374 | 16492054 | 16480727 | 0.18   | cps   |
| Vanadium   | 51-2  | 895973   | 901004   | 898555   | 898511   | 0.28   | cps   |
| Yttrium    | 89-1  | 6548781  | 6762176  | 6741604  | 6684187  | 1.76   | cps   |
| Yttrium    | 89-2  | 1123874  | 1134795  | 1123482  | 1127383  | 0.57   | cps   |



|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB103076            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV18               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV18               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2019-05-29 14:29:29 | DataFile Name :   | 031CCV.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zinc      | 66-2 | 402977  | 399721  | 400098  | 400932  | 0.44   | cps   |
| Zirconium | 90-1 | 6147951 | 6130069 | 6212648 | 6163556 | 0.70   | cps   |
| Zirconium | 91-1 | 1356921 | 1343778 | 1350791 | 1350497 | 0.49   | cps   |

LB Number : LB103076 Operator : Jaswal  
 Lab Sample ID : CCB18 Instrumnet Name : P7  
 Client Sample ID : CCB18 Dilution Factor : 1  
 Date & Time Acquired :: 2019-05-29 14:33:24 DataFile Name : 032CCBE.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 650      | 600      | 667      | 639      | 5.43   | cps   |
| Antimony   | 121-1 | 2642     | 2617     | 2984     | 2748     | 7.46   | cps   |
| Arsenic    | 75-2  | 19       | 30       | 35       | 28       | 30.55  | cps   |
| Barium     | 135-1 | 650      | 608      | 633      | 631      | 3.33   | cps   |
| Barium     | 137-1 | 1283     | 825      | 933      | 1014     | 23.63  | cps   |
| Beryllium  | 9-1   | 350      | 327      | 327      | 334      | 4.03   | cps   |
| Bismuth    | 209-1 | 7064269  | 6940732  | 7012954  | 7005985  | 0.89   | cps   |
| Bismuth    | 209-2 | 4643369  | 4643620  | 4605867  | 4630952  | 0.47   | cps   |
| Boron      | 10-1  | 6051     | 5501     | 5268     | 5607     | 7.18   | cps   |
| Boron      | 11-1  | 26124    | 24896    | 23152    | 24724    | 6.04   | cps   |
| Cadmium    | 111-1 | 2465     | 2445     | 2567     | 2492     | 2.63   | cps   |
| Cadmium    | 106-1 | 3301     | 3276     | 3492     | 3356     | 3.53   | cps   |
| Cadmium    | 108-1 | 42       | 21       | 33       | 32       | 32.84  | cps   |
| Calcium    | 43-1  | 708      | 725      | 783      | 739      | 5.33   | cps   |
| Calcium    | 44-1  | 16744    | 16326    | 16018    | 16363    | 2.23   | cps   |
| Chromium   | 52-2  | 710      | 647      | 707      | 688      | 5.18   | cps   |
| Cobalt     | 59-2  | 290      | 240      | 240      | 257      | 11.25  | cps   |
| Copper     | 63-2  | 820      | 773      | 843      | 812      | 4.39   | cps   |
| Dysprosium | 156-1 | 17       | 33       | 8        | 19       | 65.47  | cps   |
| Dysprosium | 156-2 | 0        | 10       | 7        | 6        | 91.64  | cps   |
| Erbium     | 164-1 | 42       | 58       | 17       | 39       | 53.93  | cps   |
| Erbium     | 164-2 | 20       | 23       | 20       | 21       | 9.11   | cps   |
| Gadolinium | 160-1 | 33       | 17       | 42       | 31       | 41.66  | cps   |
| Gadolinium | 160-2 | 127      | 147      | 147      | 140      | 8.25   | cps   |
| Holmium    | 165-1 | 10131039 | 10025245 | 10110329 | 10088871 | 0.56   | cps   |
| Holmium    | 165-2 | 6012640  | 6001364  | 5945933  | 5986646  | 0.60   | cps   |
| Indium     | 115-1 | 7226750  | 7075858  | 7118043  | 7140217  | 1.09   | cps   |
| Indium     | 115-2 | 1668082  | 1677862  | 1663893  | 1669946  | 0.43   | cps   |
| Iron       | 56-2  | 33895    | 33116    | 33277    | 33429    | 1.23   | cps   |
| Iron       | 57-2  | 750      | 900      | 1000     | 883      | 14.25  | cps   |
| Krypton    | 83-1  | 227      | 253      | 273      | 251      | 9.32   | cps   |
| Lead       | 206-1 | 1011     | 878      | 800      | 896      | 11.91  | cps   |
| Lead       | 207-1 | 900      | 878      | 822      | 867      | 4.62   | cps   |
| Lead       | 208-1 | 3823     | 3684     | 3439     | 3648     | 5.32   | cps   |
| Lithium    | 6-1   | 2810558  | 2750703  | 2779780  | 2780347  | 1.08   | cps   |
| Magnesium  | 24-2  | 4276     | 4459     | 4509     | 4415     | 2.78   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB18               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB18               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 14:33:24 | DataFile Name :   | 032CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 317      | 333      | 373      | 341      | 8.54   | cps   |
| Molybdenum | 94-1  | 1992     | 1884     | 1759     | 1878     | 6.22   | cps   |
| Molybdenum | 95-1  | 2750     | 2125     | 2175     | 2350     | 14.78  | cps   |
| Molybdenum | 96-1  | 2634     | 2742     | 2309     | 2561     | 8.81   | cps   |
| Molybdenum | 97-1  | 1658     | 1392     | 1433     | 1495     | 9.60   | cps   |
| Molybdenum | 98-1  | 4184     | 3584     | 3025     | 3598     | 16.11  | cps   |
| Neodymium  | 150-1 | 7        | 13       | 0        | 7        | 99.98  | cps   |
| Neodymium  | 150-2 | 10       | 7        | 3        | 7        | 50.03  | cps   |
| Nickel     | 60-2  | 147      | 137      | 160      | 148      | 7.92   | cps   |
| Phosphorus | 31-2  | 142      | 92       | 117      | 117      | 21.43  | cps   |
| Potassium  | 39-2  | 18938    | 17453    | 18270    | 18220    | 4.08   | cps   |
| Rhodium    | 103-1 | 6477126  | 6427346  | 6461690  | 6455387  | 0.39   | cps   |
| Rhodium    | 103-2 | 3256986  | 3255346  | 3269367  | 3260566  | 0.24   | cps   |
| Scandium   | 45-1  | 4903952  | 4841589  | 4851978  | 4865840  | 0.69   | cps   |
| Scandium   | 45-2  | 230112   | 227167   | 229204   | 228828   | 0.66   | cps   |
| Selenium   | 77-2  | 3        | 0        | 3        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 52       | 52       | 67       | 57       | 15.07  | cps   |
| Selenium   | 82-1  | 158      | 199      | 205      | 188      | 13.64  | cps   |
| Silicon    | 28-1  | 171647   | 170789   | 172558   | 171665   | 0.52   | cps   |
| Silver     | 109-1 | 758      | 750      | 692      | 733      | 4.95   | cps   |
| Silver     | 107-1 | 808      | 850      | 700      | 786      | 9.85   | cps   |
| Sodium     | 23-2  | 31066    | 30799    | 30181    | 30682    | 1.48   | cps   |
| Strontium  | 86-1  | 525      | 658      | 683      | 622      | 13.68  | cps   |
| Strontium  | 88-1  | 1367     | 1383     | 1442     | 1397     | 2.82   | cps   |
| Sulfur     | 34-1  | 294322   | 294361   | 301305   | 296663   | 1.36   | cps   |
| Terbium    | 159-1 | 10418886 | 10232192 | 10326426 | 10325835 | 0.90   | cps   |
| Terbium    | 159-2 | 5909561  | 5920551  | 5891713  | 5907275  | 0.25   | cps   |
| Thallium   | 203-1 | 1375     | 1150     | 1375     | 1300     | 9.99   | cps   |
| Thallium   | 205-1 | 2950     | 2784     | 2609     | 2781     | 6.15   | cps   |
| Thorium    | 232-1 | 2989     | 3106     | 2784     | 2960     | 5.51   | cps   |
| Tin        | 118-1 | 1400     | 1483     | 1225     | 1370     | 9.63   | cps   |
| Titanium   | 47-1  | 458      | 367      | 517      | 447      | 16.91  | cps   |
| Uranium    | 238-1 | 1842     | 1750     | 1850     | 1814     | 3.06   | cps   |
| Vanadium   | 51-2  | 127      | 80       | 137      | 114      | 26.43  | cps   |
| Yttrium    | 89-1  | 7566866  | 7490643  | 7531190  | 7529566  | 0.51   | cps   |
| Yttrium    | 89-2  | 1246569  | 1253280  | 1254169  | 1251339  | 0.33   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB18               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB18               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 14:33:24 | DataFile Name :   | 032CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zinc      | 66-2 | 420  | 400  | 447  | 422     | 5.55   | cps   |
| Zirconium | 90-1 | 1617 | 1508 | 1525 | 1550    | 3.76   | cps   |
| Zirconium | 91-1 | 500  | 292  | 300  | 364     | 32.41  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-03            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-09(4-4.5)      | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 14:37:00 | DataFile Name :   | 033SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 7891106   | 7884322   | 7879231   | 7884886   | 0.08   | cps   |
| Antimony   | 121-1 | 1517      | 1425      | 1333      | 1425      | 6.43   | cps   |
| Arsenic    | 75-2  | 4601      | 4614      | 4571      | 4595      | 0.48   | cps   |
| Barium     | 135-1 | 676782    | 673924    | 664973    | 671893    | 0.92   | cps   |
| Barium     | 137-1 | 1166030   | 1159731   | 1145746   | 1157169   | 0.90   | cps   |
| Beryllium  | 9-1   | 8389      | 8052      | 8462      | 8301      | 2.64   | cps   |
| Bismuth    | 209-1 | 6658599   | 6669710   | 6567454   | 6631921   | 0.85   | cps   |
| Bismuth    | 209-2 | 4427784   | 4439430   | 4425615   | 4430943   | 0.17   | cps   |
| Boron      | 10-1  | 8553      | 8044      | 8161      | 8253      | 3.23   | cps   |
| Boron      | 11-1  | 37347     | 37798     | 36887     | 37344     | 1.22   | cps   |
| Cadmium    | 111-1 | 5434      | 5488      | 5045      | 5322      | 4.54   | cps   |
| Cadmium    | 106-1 | 6477      | 6468      | 5985      | 6310      | 4.46   | cps   |
| Cadmium    | 108-1 | 1042      | 896       | 1004      | 981       | 7.72   | cps   |
| Calcium    | 43-1  | 82312     | 81659     | 82656     | 82209     | 0.62   | cps   |
| Calcium    | 44-1  | 1344724   | 1338810   | 1336638   | 1340057   | 0.31   | cps   |
| Chromium   | 52-2  | 303522    | 306184    | 303203    | 304303    | 0.54   | cps   |
| Cobalt     | 59-2  | 484190    | 489051    | 481829    | 485023    | 0.76   | cps   |
| Copper     | 63-2  | 403506    | 402615    | 403497    | 403206    | 0.13   | cps   |
| Dysprosium | 156-1 | 225975    | 221501    | 219413    | 222296    | 1.51   | cps   |
| Dysprosium | 156-2 | 125597    | 127781    | 125793    | 126390    | 0.96   | cps   |
| Erbium     | 164-1 | 175809    | 176452    | 177845    | 176702    | 0.59   | cps   |
| Erbium     | 164-2 | 104072    | 104636    | 102547    | 103752    | 1.04   | cps   |
| Gadolinium | 160-1 | 190061    | 193087    | 188440    | 190530    | 1.24   | cps   |
| Gadolinium | 160-2 | 123581    | 123026    | 122622    | 123077    | 0.39   | cps   |
| Holmium    | 165-1 | 10025377  | 10065646  | 10029895  | 10040306  | 0.22   | cps   |
| Holmium    | 165-2 | 6012830   | 6092071   | 6007278   | 6037393   | 0.79   | cps   |
| Indium     | 115-1 | 6826573   | 6845426   | 6836421   | 6836140   | 0.14   | cps   |
| Indium     | 115-2 | 1622096   | 1640443   | 1614913   | 1625817   | 0.81   | cps   |
| Iron       | 56-2  | 228154455 | 228565200 | 227660677 | 228126777 | 0.20   | cps   |
| Iron       | 57-2  | 5666085   | 5689055   | 5660899   | 5672013   | 0.26   | cps   |
| Krypton    | 83-1  | 460       | 483       | 537       | 493       | 7.97   | cps   |
| Lead       | 206-1 | 318830    | 317586    | 312402    | 316273    | 1.08   | cps   |
| Lead       | 207-1 | 263323    | 261689    | 261114    | 262042    | 0.44   | cps   |
| Lead       | 208-1 | 1240803   | 1235484   | 1224087   | 1233458   | 0.69   | cps   |
| Lithium    | 6-1   | 2812494   | 2803875   | 2801467   | 2805945   | 0.21   | cps   |
| Magnesium  | 24-2  | 5913396   | 5913385   | 5869138   | 5898639   | 0.43   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-03            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-09(4-4.5)      | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 14:37:00 | DataFile Name :   | 033SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 8712171  | 8713553  | 8651376  | 8692367  | 0.41   | cps   |
| Molybdenum | 94-1  | 217481   | 215120   | 214395   | 215665   | 0.75   | cps   |
| Molybdenum | 95-1  | 10638    | 10746    | 10379    | 10588    | 1.78   | cps   |
| Molybdenum | 96-1  | 47463    | 47195    | 48157    | 47605    | 1.04   | cps   |
| Molybdenum | 97-1  | 6635     | 6435     | 6744     | 6605     | 2.37   | cps   |
| Molybdenum | 98-1  | 16627    | 17678    | 17536    | 17280    | 3.30   | cps   |
| Neodymium  | 150-1 | 289549   | 288664   | 286849   | 288354   | 0.48   | cps   |
| Neodymium  | 150-2 | 135214   | 134548   | 135379   | 135047   | 0.33   | cps   |
| Nickel     | 60-2  | 139906   | 139257   | 138406   | 139190   | 0.54   | cps   |
| Phosphorus | 31-2  | 9503     | 9670     | 9628     | 9601     | 0.90   | cps   |
| Potassium  | 39-2  | 1287526  | 1281001  | 1290757  | 1286428  | 0.39   | cps   |
| Rhodium    | 103-1 | 6089879  | 6075350  | 6079570  | 6081600  | 0.12   | cps   |
| Rhodium    | 103-2 | 3111392  | 3137838  | 3092432  | 3113887  | 0.73   | cps   |
| Scandium   | 45-1  | 5236881  | 5189613  | 5169391  | 5198628  | 0.67   | cps   |
| Scandium   | 45-2  | 244957   | 246649   | 247249   | 246285   | 0.48   | cps   |
| Selenium   | 77-2  | 383      | 427      | 493      | 434      | 12.75  | cps   |
| Selenium   | 78-2  | 344      | 374      | 333      | 351      | 6.01   | cps   |
| Selenium   | 82-1  | 616      | 576      | 476      | 556      | 12.93  | cps   |
| Silicon    | 28-1  | 67365356 | 67410416 | 67019481 | 67265084 | 0.32   | cps   |
| Silver     | 109-1 | 1483     | 1200     | 1292     | 1325     | 10.91  | cps   |
| Silver     | 107-1 | 2109     | 2067     | 2009     | 2061     | 2.44   | cps   |
| Sodium     | 23-2  | 193102   | 191821   | 191413   | 192112   | 0.46   | cps   |
| Strontium  | 86-1  | 68657    | 68195    | 67987    | 68280    | 0.50   | cps   |
| Strontium  | 88-1  | 601400   | 592817   | 591757   | 595325   | 0.89   | cps   |
| Sulfur     | 34-1  | 255707   | 247786   | 238800   | 247431   | 3.42   | cps   |
| Terbium    | 159-1 | 10352321 | 10330356 | 10248550 | 10310409 | 0.53   | cps   |
| Terbium    | 159-2 | 5948720  | 6039527  | 5940832  | 5976360  | 0.92   | cps   |
| Thallium   | 203-1 | 7119     | 7261     | 7036     | 7138     | 1.59   | cps   |
| Thallium   | 205-1 | 17003    | 16469    | 16311    | 16594    | 2.19   | cps   |
| Thorium    | 232-1 | 860248   | 858539   | 851780   | 856856   | 0.52   | cps   |
| Tin        | 118-1 | 2967     | 3134     | 2942     | 3014     | 3.46   | cps   |
| Titanium   | 47-1  | 659059   | 648640   | 656107   | 654602   | 0.82   | cps   |
| Uranium    | 238-1 | 153488   | 154623   | 152187   | 153433   | 0.79   | cps   |
| Vanadium   | 51-2  | 271778   | 271246   | 270215   | 271079   | 0.29   | cps   |
| Yttrium    | 89-1  | 9343669  | 9305742  | 9236101  | 9295171  | 0.59   | cps   |
| Yttrium    | 89-2  | 1567879  | 1567270  | 1547475  | 1560874  | 0.74   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-03            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-09(4-4.5)      | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 14:37:00 | DataFile Name :   | 033SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zinc      | 66-2 | 182734 | 183442 | 183270 | 183149  | 0.20   | cps   |
| Zirconium | 90-1 | 571541 | 566811 | 571229 | 569860  | 0.46   | cps   |
| Zirconium | 91-1 | 126556 | 128851 | 126638 | 127348  | 1.02   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-04            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-10(8-8.5)      | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 14:40:37 | DataFile Name :   | 034SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 9500011   | 9587122   | 9427606   | 9504913   | 0.84   | cps   |
| Antimony   | 121-1 | 1567      | 1367      | 1575      | 1503      | 7.85   | cps   |
| Arsenic    | 75-2  | 2652      | 2715      | 2661      | 2676      | 1.27   | cps   |
| Barium     | 135-1 | 1180998   | 1171408   | 1169090   | 1173832   | 0.54   | cps   |
| Barium     | 137-1 | 2042921   | 2038347   | 2025572   | 2035613   | 0.44   | cps   |
| Beryllium  | 9-1   | 12642     | 12579     | 12959     | 12727     | 1.60   | cps   |
| Bismuth    | 209-1 | 6512068   | 6551563   | 6543352   | 6535661   | 0.32   | cps   |
| Bismuth    | 209-2 | 4367656   | 4543367   | 4791432   | 4567485   | 4.66   | cps   |
| Boron      | 10-1  | 8403      | 8820      | 8945      | 8722      | 3.25   | cps   |
| Boron      | 11-1  | 38592     | 37665     | 39385     | 38547     | 2.23   | cps   |
| Cadmium    | 111-1 | 6412      | 6711      | 6533      | 6552      | 2.29   | cps   |
| Cadmium    | 106-1 | 8444      | 8861      | 8553      | 8620      | 2.51   | cps   |
| Cadmium    | 108-1 | 1588      | 1442      | 1375      | 1468      | 7.40   | cps   |
| Calcium    | 43-1  | 180623    | 179695    | 179645    | 179987    | 0.31   | cps   |
| Calcium    | 44-1  | 2946697   | 2932534   | 2941233   | 2940155   | 0.24   | cps   |
| Chromium   | 52-2  | 503122    | 508049    | 505828    | 505666    | 0.49   | cps   |
| Cobalt     | 59-2  | 257327    | 260010    | 255881    | 257739    | 0.81   | cps   |
| Copper     | 63-2  | 435942    | 438786    | 435027    | 436585    | 0.45   | cps   |
| Dysprosium | 156-1 | 461264    | 459055    | 455847    | 458722    | 0.59   | cps   |
| Dysprosium | 156-2 | 266716    | 269785    | 267459    | 267987    | 0.60   | cps   |
| Erbium     | 164-1 | 367005    | 367301    | 366540    | 366949    | 0.10   | cps   |
| Erbium     | 164-2 | 211942    | 215726    | 211055    | 212908    | 1.17   | cps   |
| Gadolinium | 160-1 | 430464    | 431273    | 425914    | 429217    | 0.67   | cps   |
| Gadolinium | 160-2 | 275140    | 276219    | 274255    | 275205    | 0.36   | cps   |
| Holmium    | 165-1 | 10085504  | 10015277  | 10049053  | 10049945  | 0.35   | cps   |
| Holmium    | 165-2 | 6010148   | 6285190   | 6545036   | 6280125   | 4.26   | cps   |
| Indium     | 115-1 | 6754701   | 6700542   | 6700054   | 6718432   | 0.47   | cps   |
| Indium     | 115-2 | 1587774   | 1657633   | 1745961   | 1663789   | 4.76   | cps   |
| Iron       | 56-2  | 245461211 | 246136794 | 243339172 | 244979059 | 0.60   | cps   |
| Iron       | 57-2  | 6072069   | 6144521   | 6062757   | 6093116   | 0.73   | cps   |
| Krypton    | 83-1  | 727       | 660       | 757       | 714       | 6.93   | cps   |
| Lead       | 206-1 | 834332    | 833835    | 828398    | 832188    | 0.40   | cps   |
| Lead       | 207-1 | 702821    | 696243    | 696826    | 698630    | 0.52   | cps   |
| Lead       | 208-1 | 3282074   | 3258898   | 3254906   | 3265293   | 0.45   | cps   |
| Lithium    | 6-1   | 2831416   | 2815189   | 2813717   | 2820107   | 0.35   | cps   |
| Magnesium  | 24-2  | 7351300   | 7384441   | 7287300   | 7341014   | 0.67   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-04            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-10(8-8.5)      | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 14:40:37 | DataFile Name :   | 034SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 1994893  | 2004748  | 1982049  | 1993897  | 0.57   | cps   |
| Molybdenum | 94-1  | 379168   | 377669   | 374547   | 377128   | 0.63   | cps   |
| Molybdenum | 95-1  | 6293     | 6660     | 6810     | 6588     | 4.04   | cps   |
| Molybdenum | 96-1  | 72442    | 69469    | 72216    | 71376    | 2.32   | cps   |
| Molybdenum | 97-1  | 4017     | 4126     | 4217     | 4120     | 2.43   | cps   |
| Molybdenum | 98-1  | 10513    | 10262    | 11046    | 10607    | 3.77   | cps   |
| Neodymium  | 150-1 | 637640   | 643530   | 634009   | 638393   | 0.75   | cps   |
| Neodymium  | 150-2 | 295175   | 295793   | 295538   | 295502   | 0.11   | cps   |
| Nickel     | 60-2  | 176092   | 177482   | 175287   | 176287   | 0.63   | cps   |
| Phosphorus | 31-2  | 8878     | 8561     | 8628     | 8689     | 1.92   | cps   |
| Potassium  | 39-2  | 1539557  | 1547588  | 1533532  | 1540225  | 0.46   | cps   |
| Rhodium    | 103-1 | 5975370  | 5971621  | 5954902  | 5967297  | 0.18   | cps   |
| Rhodium    | 103-2 | 3019694  | 3144026  | 3345104  | 3169608  | 5.18   | cps   |
| Scandium   | 45-1  | 5219013  | 5192596  | 5201247  | 5204285  | 0.26   | cps   |
| Scandium   | 45-2  | 244483   | 257801   | 264546   | 255610   | 3.99   | cps   |
| Selenium   | 77-2  | 847      | 967      | 873      | 896      | 7.04   | cps   |
| Selenium   | 78-2  | 607      | 563      | 682      | 617      | 9.70   | cps   |
| Selenium   | 82-1  | 849      | 973      | 972      | 931      | 7.65   | cps   |
| Silicon    | 28-1  | 83264048 | 82340971 | 82662731 | 82755916 | 0.57   | cps   |
| Silver     | 109-1 | 1450     | 1467     | 1300     | 1406     | 6.53   | cps   |
| Silver     | 107-1 | 2400     | 2509     | 2559     | 2489     | 3.25   | cps   |
| Sodium     | 23-2  | 306407   | 308930   | 303081   | 306140   | 0.96   | cps   |
| Strontium  | 86-1  | 146879   | 146776   | 145557   | 146404   | 0.50   | cps   |
| Strontium  | 88-1  | 1287485  | 1287697  | 1280679  | 1285287  | 0.31   | cps   |
| Sulfur     | 34-1  | 217557   | 211919   | 208700   | 212725   | 2.11   | cps   |
| Terbium    | 159-1 | 10416247 | 10345922 | 10368303 | 10376824 | 0.35   | cps   |
| Terbium    | 159-2 | 5945923  | 6190077  | 6526489  | 6220830  | 4.69   | cps   |
| Thallium   | 203-1 | 8628     | 8545     | 8203     | 8459     | 2.66   | cps   |
| Thallium   | 205-1 | 19598    | 20099    | 19757    | 19818    | 1.29   | cps   |
| Thorium    | 232-1 | 2454424  | 2474846  | 2461704  | 2463658  | 0.42   | cps   |
| Tin        | 118-1 | 3967     | 4334     | 3934     | 4079     | 5.44   | cps   |
| Titanium   | 47-1  | 1521721  | 1504564  | 1497688  | 1507991  | 0.82   | cps   |
| Uranium    | 238-1 | 264238   | 265433   | 263496   | 264389   | 0.37   | cps   |
| Vanadium   | 51-2  | 549483   | 555593   | 548674   | 551250   | 0.69   | cps   |
| Yttrium    | 89-1  | 11341121 | 11428524 | 11355747 | 11375130 | 0.41   | cps   |
| Yttrium    | 89-2  | 1892338  | 1951617  | 2010562  | 1951506  | 3.03   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-04            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-10(8-8.5)      | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 14:40:37 | DataFile Name :   | 034SMPL.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zinc      | 66-2 | 194381  | 198696  | 195847  | 196308  | 1.12   | cps   |
| Zirconium | 90-1 | 1014949 | 1019487 | 1004747 | 1013061 | 0.75   | cps   |
| Zirconium | 91-1 | 228799  | 230384  | 227674  | 228952  | 0.59   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2944-01            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-1(14.5-15)     | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 14:44:15 | DataFile Name :   | 035SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 10566033  | 10655359  | 10622867  | 10614753  | 0.43   | cps   |
| Antimony   | 121-1 | 1150      | 1158      | 1192      | 1167      | 1.89   | cps   |
| Arsenic    | 75-2  | 4147      | 3999      | 4130      | 4092      | 1.98   | cps   |
| Barium     | 135-1 | 1099268   | 1088397   | 1091372   | 1093012   | 0.51   | cps   |
| Barium     | 137-1 | 1891568   | 1867496   | 1885045   | 1881370   | 0.66   | cps   |
| Beryllium  | 9-1   | 14844     | 15064     | 14667     | 14859     | 1.34   | cps   |
| Bismuth    | 209-1 | 6509773   | 6510146   | 6580436   | 6533452   | 0.62   | cps   |
| Bismuth    | 209-2 | 4314048   | 4388908   | 4366504   | 4356487   | 0.88   | cps   |
| Boron      | 10-1  | 15116     | 15550     | 15058     | 15242     | 1.76   | cps   |
| Boron      | 11-1  | 68707     | 67720     | 68857     | 68428     | 0.90   | cps   |
| Cadmium    | 111-1 | 6919      | 6533      | 6660      | 6704      | 2.94   | cps   |
| Cadmium    | 106-1 | 8920      | 8369      | 8545      | 8611      | 3.27   | cps   |
| Cadmium    | 108-1 | 1696      | 1929      | 1846      | 1824      | 6.48   | cps   |
| Calcium    | 43-1  | 365288    | 363023    | 365035    | 364449    | 0.34   | cps   |
| Calcium    | 44-1  | 5980588   | 5949907   | 5966591   | 5965695   | 0.26   | cps   |
| Chromium   | 52-2  | 578090    | 579654    | 575986    | 577910    | 0.32   | cps   |
| Cobalt     | 59-2  | 584950    | 589027    | 586198    | 586725    | 0.36   | cps   |
| Copper     | 63-2  | 560840    | 563533    | 560646    | 561673    | 0.29   | cps   |
| Dysprosium | 156-1 | 394421    | 390298    | 395583    | 393434    | 0.71   | cps   |
| Dysprosium | 156-2 | 232539    | 233590    | 232496    | 232875    | 0.27   | cps   |
| Erbium     | 164-1 | 333061    | 327716    | 332109    | 330962    | 0.86   | cps   |
| Erbium     | 164-2 | 196254    | 195774    | 196625    | 196218    | 0.22   | cps   |
| Gadolinium | 160-1 | 369289    | 368384    | 366440    | 368037    | 0.40   | cps   |
| Gadolinium | 160-2 | 234575    | 236034    | 237451    | 236020    | 0.61   | cps   |
| Holmium    | 165-1 | 10018641  | 9946833   | 10130750  | 10032075  | 0.92   | cps   |
| Holmium    | 165-2 | 6008402   | 6094322   | 6116196   | 6072973   | 0.94   | cps   |
| Indium     | 115-1 | 6702040   | 6709935   | 6712415   | 6708130   | 0.08   | cps   |
| Indium     | 115-2 | 1571508   | 1609595   | 1606553   | 1595885   | 1.33   | cps   |
| Iron       | 56-2  | 474462266 | 476866955 | 473881611 | 475070277 | 0.33   | cps   |
| Iron       | 57-2  | 11900873  | 11918341  | 11933151  | 11917455  | 0.14   | cps   |
| Krypton    | 83-1  | 780       | 620       | 760       | 720       | 12.11  | cps   |
| Lead       | 206-1 | 851613    | 845242    | 857894    | 851583    | 0.74   | cps   |
| Lead       | 207-1 | 712701    | 712589    | 713831    | 713040    | 0.10   | cps   |
| Lead       | 208-1 | 3332531   | 3313623   | 3355658   | 3333937   | 0.63   | cps   |
| Lithium    | 6-1   | 2862154   | 2832218   | 2845550   | 2846641   | 0.53   | cps   |
| Magnesium  | 24-2  | 11031541  | 11090182  | 11014659  | 11045461  | 0.36   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2944-01            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-1(14.5-15)     | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 14:44:15 | DataFile Name :   | 035SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 6371501  | 6416581  | 6378021  | 6388701  | 0.38   | cps   |
| Molybdenum | 94-1  | 421399   | 414790   | 418671   | 418286   | 0.79   | cps   |
| Molybdenum | 95-1  | 8403     | 8453     | 8578     | 8478     | 1.06   | cps   |
| Molybdenum | 96-1  | 81701    | 81944    | 82446    | 82030    | 0.46   | cps   |
| Molybdenum | 97-1  | 5568     | 4876     | 5143     | 5196     | 6.72   | cps   |
| Molybdenum | 98-1  | 13407    | 12823    | 13515    | 13248    | 2.81   | cps   |
| Neodymium  | 150-1 | 555010   | 549332   | 552675   | 552339   | 0.52   | cps   |
| Neodymium  | 150-2 | 257659   | 259819   | 258641   | 258707   | 0.42   | cps   |
| Nickel     | 60-2  | 234544   | 234351   | 230976   | 233290   | 0.86   | cps   |
| Phosphorus | 31-2  | 18329    | 19806    | 19071    | 19069    | 3.87   | cps   |
| Potassium  | 39-2  | 2966590  | 2996167  | 3007032  | 2989930  | 0.70   | cps   |
| Rhodium    | 103-1 | 5914379  | 5896730  | 5897515  | 5902875  | 0.17   | cps   |
| Rhodium    | 103-2 | 3002772  | 3029862  | 3045223  | 3025952  | 0.71   | cps   |
| Scandium   | 45-1  | 5406821  | 5348267  | 5382214  | 5379101  | 0.55   | cps   |
| Scandium   | 45-2  | 253123   | 256310   | 256261   | 255231   | 0.72   | cps   |
| Selenium   | 77-2  | 773      | 760      | 780      | 771      | 1.32   | cps   |
| Selenium   | 78-2  | 619      | 639      | 661      | 640      | 3.33   | cps   |
| Selenium   | 82-1  | 989      | 1058     | 984      | 1010     | 4.08   | cps   |
| Silicon    | 28-1  | 94993598 | 94166950 | 93877871 | 94346140 | 0.61   | cps   |
| Silver     | 109-1 | 1200     | 1383     | 1508     | 1364     | 11.37  | cps   |
| Silver     | 107-1 | 2442     | 2400     | 2692     | 2511     | 6.28   | cps   |
| Sodium     | 23-2  | 577217   | 581013   | 578641   | 578957   | 0.33   | cps   |
| Strontium  | 86-1  | 241673   | 239069   | 240516   | 240419   | 0.54   | cps   |
| Strontium  | 88-1  | 2118628  | 2106780  | 2119105  | 2114838  | 0.33   | cps   |
| Sulfur     | 34-1  | 204483   | 205219   | 207102   | 205601   | 0.66   | cps   |
| Terbium    | 159-1 | 10357179 | 10259368 | 10311180 | 10309242 | 0.47   | cps   |
| Terbium    | 159-2 | 5926793  | 6030146  | 6017616  | 5991518  | 0.94   | cps   |
| Thallium   | 203-1 | 10671    | 11088    | 10888    | 10883    | 1.92   | cps   |
| Thallium   | 205-1 | 26627    | 26377    | 27412    | 26806    | 2.02   | cps   |
| Thorium    | 232-1 | 2147586  | 2133038  | 2162956  | 2147860  | 0.70   | cps   |
| Tin        | 118-1 | 3901     | 3934     | 4209     | 4015     | 4.22   | cps   |
| Titanium   | 47-1  | 1132697  | 1125303  | 1121923  | 1126641  | 0.49   | cps   |
| Uranium    | 238-1 | 595700   | 586018   | 598720   | 593479   | 1.12   | cps   |
| Vanadium   | 51-2  | 462601   | 464123   | 464572   | 463765   | 0.22   | cps   |
| Yttrium    | 89-1  | 11092464 | 11136263 | 11082248 | 11103658 | 0.26   | cps   |
| Yttrium    | 89-2  | 1856796  | 1876136  | 1891868  | 1874933  | 0.94   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2944-01            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-1(14.5-15)     | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 14:44:15 | DataFile Name :   | 035SMPL.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zinc      | 66-2 | 252611  | 253330  | 255907  | 253949  | 0.68   | cps   |
| Zirconium | 90-1 | 1129097 | 1124270 | 1120422 | 1124596 | 0.39   | cps   |
| Zirconium | 91-1 | 254787  | 251813  | 251986  | 252862  | 0.66   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2944-02            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-2(14.5-15)     | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 14:47:53 | DataFile Name :   | 036SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 7005895   | 6958371   | 6954689   | 6972985   | 0.41   | cps   |
| Antimony   | 121-1 | 1383      | 1275      | 1383      | 1347      | 4.64   | cps   |
| Arsenic    | 75-2  | 9398      | 9273      | 9123      | 9265      | 1.48   | cps   |
| Barium     | 135-1 | 768989    | 769891    | 772327    | 770402    | 0.22   | cps   |
| Barium     | 137-1 | 1334400   | 1327954   | 1338420   | 1333591   | 0.40   | cps   |
| Beryllium  | 9-1   | 10657     | 10440     | 10540     | 10546     | 1.03   | cps   |
| Bismuth    | 209-1 | 6743840   | 6687557   | 6801496   | 6744298   | 0.84   | cps   |
| Bismuth    | 209-2 | 4470521   | 4491681   | 4471718   | 4477974   | 0.27   | cps   |
| Boron      | 10-1  | 6243      | 5776      | 6201      | 6074      | 4.25   | cps   |
| Boron      | 11-1  | 26833     | 27033     | 26048     | 26638     | 1.95   | cps   |
| Cadmium    | 111-1 | 5770      | 5927      | 5666      | 5788      | 2.27   | cps   |
| Cadmium    | 106-1 | 6460      | 6527      | 6635      | 6541      | 1.35   | cps   |
| Cadmium    | 108-1 | 1063      | 875       | 1113      | 1017      | 12.32  | cps   |
| Calcium    | 43-1  | 117523    | 117076    | 118630    | 117743    | 0.68   | cps   |
| Calcium    | 44-1  | 1958112   | 1946064   | 1945237   | 1949804   | 0.37   | cps   |
| Chromium   | 52-2  | 416053    | 412385    | 410523    | 412987    | 0.68   | cps   |
| Cobalt     | 59-2  | 270761    | 268296    | 265141    | 268066    | 1.05   | cps   |
| Copper     | 63-2  | 384916    | 379511    | 380636    | 381688    | 0.75   | cps   |
| Dysprosium | 156-1 | 248650    | 252019    | 251119    | 250596    | 0.70   | cps   |
| Dysprosium | 156-2 | 149209    | 150391    | 149938    | 149846    | 0.40   | cps   |
| Erbium     | 164-1 | 206193    | 207498    | 209898    | 207863    | 0.90   | cps   |
| Erbium     | 164-2 | 124282    | 121904    | 122002    | 122729    | 1.10   | cps   |
| Gadolinium | 160-1 | 242897    | 240599    | 240858    | 241452    | 0.52   | cps   |
| Gadolinium | 160-2 | 155339    | 154635    | 153620    | 154531    | 0.56   | cps   |
| Holmium    | 165-1 | 10156747  | 10258347  | 10243770  | 10219621  | 0.54   | cps   |
| Holmium    | 165-2 | 6166802   | 6137576   | 6125873   | 6143417   | 0.34   | cps   |
| Indium     | 115-1 | 6989266   | 6981300   | 6956554   | 6975707   | 0.24   | cps   |
| Indium     | 115-2 | 1651519   | 1649787   | 1633762   | 1645022   | 0.60   | cps   |
| Iron       | 56-2  | 353738475 | 352418652 | 350130997 | 352096041 | 0.52   | cps   |
| Iron       | 57-2  | 8863367   | 8835442   | 8743427   | 8814079   | 0.71   | cps   |
| Krypton    | 83-1  | 567       | 480       | 610       | 552       | 11.99  | cps   |
| Lead       | 206-1 | 635611    | 624713    | 636150    | 632158    | 1.02   | cps   |
| Lead       | 207-1 | 525696    | 519977    | 530537    | 525403    | 1.01   | cps   |
| Lead       | 208-1 | 2478748   | 2445309   | 2482810   | 2468956   | 0.83   | cps   |
| Lithium    | 6-1   | 2913682   | 2883428   | 2893223   | 2896778   | 0.53   | cps   |
| Magnesium  | 24-2  | 7742530   | 7652910   | 7595281   | 7663574   | 0.97   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2944-02            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-2(14.5-15)     | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 14:47:53 | DataFile Name :   | 036SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 6392031  | 6355626  | 6308137  | 6351931  | 0.66   | cps   |
| Molybdenum | 94-1  | 262307   | 259354   | 259493   | 260385   | 0.64   | cps   |
| Molybdenum | 95-1  | 35319    | 34868    | 35394    | 35194    | 0.81   | cps   |
| Molybdenum | 96-1  | 80099    | 81165    | 81742    | 81002    | 1.03   | cps   |
| Molybdenum | 97-1  | 21634    | 22151    | 22443    | 22076    | 1.86   | cps   |
| Molybdenum | 98-1  | 55768    | 56773    | 57642    | 56728    | 1.65   | cps   |
| Neodymium  | 150-1 | 340320   | 340768   | 339890   | 340326   | 0.13   | cps   |
| Neodymium  | 150-2 | 159762   | 158825   | 157770   | 158786   | 0.63   | cps   |
| Nickel     | 60-2  | 177661   | 176838   | 176633   | 177044   | 0.31   | cps   |
| Phosphorus | 31-2  | 16410    | 15484    | 15367    | 15753    | 3.63   | cps   |
| Potassium  | 39-2  | 966964   | 967279   | 953138   | 962460   | 0.84   | cps   |
| Rhodium    | 103-1 | 6167658  | 6162503  | 6207237  | 6179133  | 0.40   | cps   |
| Rhodium    | 103-2 | 3142517  | 3149256  | 3117211  | 3136328  | 0.54   | cps   |
| Scandium   | 45-1  | 5228817  | 5229763  | 5258267  | 5238949  | 0.32   | cps   |
| Scandium   | 45-2  | 248222   | 247138   | 244911   | 246757   | 0.68   | cps   |
| Selenium   | 77-2  | 547      | 523      | 437      | 502      | 11.54  | cps   |
| Selenium   | 78-2  | 387      | 383      | 370      | 380      | 2.30   | cps   |
| Selenium   | 82-1  | 576      | 648      | 580      | 601      | 6.69   | cps   |
| Silicon    | 28-1  | 56420747 | 56220774 | 56708699 | 56450073 | 0.43   | cps   |
| Silver     | 109-1 | 1425     | 1617     | 1492     | 1511     | 6.44   | cps   |
| Silver     | 107-1 | 2184     | 2342     | 2034     | 2186     | 7.05   | cps   |
| Sodium     | 23-2  | 224118   | 221825   | 223966   | 223303   | 0.57   | cps   |
| Strontium  | 86-1  | 109716   | 107768   | 110145   | 109210   | 1.16   | cps   |
| Strontium  | 88-1  | 957550   | 952672   | 957201   | 955808   | 0.28   | cps   |
| Sulfur     | 34-1  | 209621   | 209724   | 208026   | 209124   | 0.46   | cps   |
| Terbium    | 159-1 | 10530773 | 10529888 | 10558343 | 10539668 | 0.15   | cps   |
| Terbium    | 159-2 | 6103385  | 6080550  | 6068460  | 6084132  | 0.29   | cps   |
| Thallium   | 203-1 | 4693     | 4993     | 4693     | 4793     | 3.62   | cps   |
| Thallium   | 205-1 | 11531    | 11439    | 11030    | 11333    | 2.35   | cps   |
| Thorium    | 232-1 | 1050381  | 1033257  | 1045511  | 1043050  | 0.85   | cps   |
| Tin        | 118-1 | 5776     | 5685     | 6077     | 5846     | 3.51   | cps   |
| Titanium   | 47-1  | 599990   | 593672   | 595251   | 596304   | 0.55   | cps   |
| Uranium    | 238-1 | 131172   | 130204   | 133462   | 131612   | 1.27   | cps   |
| Vanadium   | 51-2  | 270087   | 266337   | 267408   | 267944   | 0.72   | cps   |
| Yttrium    | 89-1  | 10055164 | 9968515  | 10043323 | 10022334 | 0.47   | cps   |
| Yttrium    | 89-2  | 1686414  | 1679623  | 1681657  | 1682565  | 0.21   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2944-02            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-2(14.5-15)     | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 14:47:53 | DataFile Name :   | 036SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zinc      | 66-2 | 192523 | 190138 | 190367 | 191009  | 0.69   | cps   |
| Zirconium | 90-1 | 653027 | 651931 | 654933 | 653297  | 0.23   | cps   |
| Zirconium | 91-1 | 145711 | 146264 | 145843 | 145939  | 0.20   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2944-03            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-3(4.5-5)       | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 14:51:32 | DataFile Name :   | 037SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 11302876  | 11480073  | 11549897  | 11444282  | 1.11   | cps   |
| Antimony   | 121-1 | 417       | 450       | 367       | 411       | 10.20  | cps   |
| Arsenic    | 75-2  | 3578      | 3452      | 3689      | 3573      | 3.32   | cps   |
| Barium     | 135-1 | 1466874   | 1459752   | 1489636   | 1472087   | 1.06   | cps   |
| Barium     | 137-1 | 2560051   | 2547330   | 2558622   | 2555334   | 0.27   | cps   |
| Beryllium  | 9-1   | 8042      | 7832      | 8012      | 7962      | 1.43   | cps   |
| Bismuth    | 209-1 | 6478439   | 6656278   | 6474505   | 6536407   | 1.59   | cps   |
| Bismuth    | 209-2 | 4303288   | 4348225   | 4368431   | 4339981   | 0.77   | cps   |
| Boron      | 10-1  | 4017      | 3959      | 3467      | 3815      | 7.92   | cps   |
| Boron      | 11-1  | 16318     | 17035     | 16101     | 16485     | 2.97   | cps   |
| Cadmium    | 111-1 | 4142      | 3920      | 4351      | 4138      | 5.21   | cps   |
| Cadmium    | 106-1 | 6443      | 6185      | 6719      | 6449      | 4.14   | cps   |
| Cadmium    | 108-1 | 813       | 829       | 842       | 828       | 1.77   | cps   |
| Calcium    | 43-1  | 103921    | 102848    | 105323    | 104031    | 1.19   | cps   |
| Calcium    | 44-1  | 1715123   | 1712636   | 1716963   | 1714907   | 0.13   | cps   |
| Chromium   | 52-2  | 803264    | 815344    | 810776    | 809795    | 0.75   | cps   |
| Cobalt     | 59-2  | 196338    | 198381    | 199365    | 198028    | 0.78   | cps   |
| Copper     | 63-2  | 158383    | 159047    | 160260    | 159230    | 0.60   | cps   |
| Dysprosium | 156-1 | 348825    | 347953    | 350912    | 349230    | 0.44   | cps   |
| Dysprosium | 156-2 | 203668    | 204043    | 207590    | 205100    | 1.06   | cps   |
| Erbium     | 164-1 | 302137    | 305977    | 300706    | 302940    | 0.90   | cps   |
| Erbium     | 164-2 | 174881    | 177379    | 177059    | 176440    | 0.77   | cps   |
| Gadolinium | 160-1 | 316505    | 319151    | 320314    | 318657    | 0.61   | cps   |
| Gadolinium | 160-2 | 206399    | 207715    | 207457    | 207190    | 0.34   | cps   |
| Holmium    | 165-1 | 10046226  | 10281606  | 9931856   | 10086563  | 1.77   | cps   |
| Holmium    | 165-2 | 5959828   | 6015446   | 6028107   | 6001127   | 0.61   | cps   |
| Indium     | 115-1 | 6730587   | 6869838   | 6650886   | 6750437   | 1.64   | cps   |
| Indium     | 115-2 | 1586783   | 1598634   | 1608336   | 1597917   | 0.68   | cps   |
| Iron       | 56-2  | 271938956 | 273176939 | 275233417 | 273449771 | 0.61   | cps   |
| Iron       | 57-2  | 6776360   | 6807812   | 6858836   | 6814336   | 0.61   | cps   |
| Krypton    | 83-1  | 583       | 630       | 727       | 647       | 11.31  | cps   |
| Lead       | 206-1 | 692886    | 696489    | 689353    | 692910    | 0.51   | cps   |
| Lead       | 207-1 | 578837    | 573437    | 571579    | 574618    | 0.66   | cps   |
| Lead       | 208-1 | 2704980   | 2699559   | 2703219   | 2702586   | 0.10   | cps   |
| Lithium    | 6-1   | 2757623   | 2814642   | 2716961   | 2763076   | 1.78   | cps   |
| Magnesium  | 24-2  | 3340314   | 3369081   | 3403757   | 3371051   | 0.94   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2944-03            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-3(4.5-5)       | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 14:51:32 | DataFile Name :   | 037SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Manganese  | 55-2  | 671066    | 676832    | 681998    | 676632    | 0.81   | cps   |
| Molybdenum | 94-1  | 229692    | 227688    | 233276    | 230219    | 1.23   | cps   |
| Molybdenum | 95-1  | 2017      | 2109      | 2292      | 2139      | 6.55   | cps   |
| Molybdenum | 96-1  | 42255     | 42615     | 44420     | 43097     | 2.69   | cps   |
| Molybdenum | 97-1  | 1400      | 1425      | 1250      | 1358      | 6.97   | cps   |
| Molybdenum | 98-1  | 3484      | 3459      | 3526      | 3489      | 0.97   | cps   |
| Neodymium  | 150-1 | 494979    | 498247    | 497509    | 496912    | 0.34   | cps   |
| Neodymium  | 150-2 | 229699    | 232118    | 233899    | 231905    | 0.91   | cps   |
| Nickel     | 60-2  | 82303     | 82380     | 82873     | 82518     | 0.37   | cps   |
| Phosphorus | 31-2  | 1483      | 1575      | 1692      | 1583      | 6.59   | cps   |
| Potassium  | 39-2  | 321371    | 325363    | 326582    | 324439    | 0.84   | cps   |
| Rhodium    | 103-1 | 6017091   | 6125638   | 5877791   | 6006840   | 2.07   | cps   |
| Rhodium    | 103-2 | 3032181   | 3056432   | 3067008   | 3051874   | 0.59   | cps   |
| Scandium   | 45-1  | 5822107   | 5933352   | 5765570   | 5840343   | 1.46   | cps   |
| Scandium   | 45-2  | 272902    | 276426    | 276609    | 275312    | 0.76   | cps   |
| Selenium   | 77-2  | 827       | 740       | 733       | 767       | 6.79   | cps   |
| Selenium   | 78-2  | 607       | 556       | 570       | 578       | 4.62   | cps   |
| Selenium   | 82-1  | 1216      | 1139      | 1094      | 1150      | 5.37   | cps   |
| Silicon    | 28-1  | 107741048 | 108490302 | 108053711 | 108095020 | 0.35   | cps   |
| Silver     | 109-1 | 625       | 708       | 800       | 711       | 12.31  | cps   |
| Silver     | 107-1 | 1492      | 1067      | 1400      | 1320      | 16.95  | cps   |
| Sodium     | 23-2  | 182175    | 187643    | 188224    | 186014    | 1.79   | cps   |
| Strontium  | 86-1  | 109416    | 108600    | 111110    | 109709    | 1.17   | cps   |
| Strontium  | 88-1  | 946560    | 948511    | 949584    | 948218    | 0.16   | cps   |
| Sulfur     | 34-1  | 198200    | 197525    | 195627    | 197117    | 0.68   | cps   |
| Terbium    | 159-1 | 10324580  | 10501649  | 10251605  | 10359278  | 1.24   | cps   |
| Terbium    | 159-2 | 5856862   | 5912506   | 5982340   | 5917236   | 1.06   | cps   |
| Thallium   | 203-1 | 6961      | 6635      | 6869      | 6822      | 2.46   | cps   |
| Thallium   | 205-1 | 16978     | 16811     | 17028     | 16939     | 0.67   | cps   |
| Thorium    | 232-1 | 1683079   | 1695729   | 1692963   | 1690590   | 0.39   | cps   |
| Tin        | 118-1 | 1550      | 1342      | 1367      | 1420      | 8.01   | cps   |
| Titanium   | 47-1  | 430058    | 425957    | 428585    | 428200    | 0.49   | cps   |
| Uranium    | 238-1 | 757516    | 752610    | 753998    | 754708    | 0.34   | cps   |
| Vanadium   | 51-2  | 853250    | 861090    | 864514    | 859618    | 0.67   | cps   |
| Yttrium    | 89-1  | 10849415  | 10948387  | 10713720  | 10837174  | 1.09   | cps   |
| Yttrium    | 89-2  | 1800238   | 1819185   | 1829245   | 1816223   | 0.81   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2944-03            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-3(4.5-5)       | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 14:51:32 | DataFile Name :   | 037SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zinc      | 66-2 | 77072  | 77484  | 78134  | 77563   | 0.69   | cps   |
| Zirconium | 90-1 | 622535 | 627025 | 625143 | 624901  | 0.36   | cps   |
| Zirconium | 91-1 | 139363 | 140071 | 140213 | 139882  | 0.33   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2944-04            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-4(5-5.5)       | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 14:55:12 | DataFile Name :   | 038SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 13566097  | 13615112  | 13797569  | 13659593  | 0.89   | cps   |
| Antimony   | 121-1 | 392       | 325       | 325       | 347       | 11.09  | cps   |
| Arsenic    | 75-2  | 6477      | 6646      | 6489      | 6537      | 1.44   | cps   |
| Barium     | 135-1 | 2540826   | 2551565   | 2562606   | 2551666   | 0.43   | cps   |
| Barium     | 137-1 | 4426690   | 4438660   | 4433256   | 4432869   | 0.14   | cps   |
| Beryllium  | 9-1   | 13429     | 13296     | 13793     | 13506     | 1.91   | cps   |
| Bismuth    | 209-1 | 6179054   | 6238983   | 6284351   | 6234129   | 0.85   | cps   |
| Bismuth    | 209-2 | 4165968   | 4219670   | 4237518   | 4207719   | 0.89   | cps   |
| Boron      | 10-1  | 3484      | 3200      | 3426      | 3370      | 4.44   | cps   |
| Boron      | 11-1  | 14049     | 13490     | 14591     | 14043     | 3.92   | cps   |
| Cadmium    | 111-1 | 4924      | 5062      | 5294      | 5093      | 3.67   | cps   |
| Cadmium    | 106-1 | 8111      | 8161      | 8494      | 8256      | 2.52   | cps   |
| Cadmium    | 108-1 | 1417      | 1275      | 1283      | 1325      | 6.00   | cps   |
| Calcium    | 43-1  | 372563    | 371118    | 377638    | 373773    | 0.92   | cps   |
| Calcium    | 44-1  | 6053297   | 6073257   | 6111822   | 6079459   | 0.49   | cps   |
| Chromium   | 52-2  | 958067    | 967720    | 967945    | 964577    | 0.58   | cps   |
| Cobalt     | 59-2  | 232611    | 234848    | 237250    | 234903    | 0.99   | cps   |
| Copper     | 63-2  | 128726    | 129607    | 130525    | 129620    | 0.69   | cps   |
| Dysprosium | 156-1 | 451831    | 451229    | 459133    | 454064    | 0.97   | cps   |
| Dysprosium | 156-2 | 266842    | 270152    | 273006    | 270000    | 1.14   | cps   |
| Erbium     | 164-1 | 396352    | 394494    | 395647    | 395498    | 0.24   | cps   |
| Erbium     | 164-2 | 232652    | 235846    | 238492    | 235663    | 1.24   | cps   |
| Gadolinium | 160-1 | 415474    | 421314    | 419156    | 418648    | 0.71   | cps   |
| Gadolinium | 160-2 | 271754    | 271010    | 274869    | 272545    | 0.75   | cps   |
| Holmium    | 165-1 | 9684746   | 9747146   | 9780907   | 9737600   | 0.50   | cps   |
| Holmium    | 165-2 | 5915002   | 5927268   | 5981069   | 5941113   | 0.59   | cps   |
| Indium     | 115-1 | 6441672   | 6553369   | 6548797   | 6514613   | 0.97   | cps   |
| Indium     | 115-2 | 1554460   | 1567313   | 1582441   | 1568072   | 0.89   | cps   |
| Iron       | 56-2  | 461513021 | 462310021 | 467455477 | 463759507 | 0.70   | cps   |
| Iron       | 57-2  | 11446364  | 11555542  | 11665988  | 11555965  | 0.95   | cps   |
| Krypton    | 83-1  | 823       | 857       | 890       | 857       | 3.89   | cps   |
| Lead       | 206-1 | 821607    | 817967    | 817318    | 818964    | 0.28   | cps   |
| Lead       | 207-1 | 684652    | 687906    | 684417    | 685658    | 0.28   | cps   |
| Lead       | 208-1 | 3196075   | 3195420   | 3207077   | 3199524   | 0.20   | cps   |
| Lithium    | 6-1   | 2712441   | 2714501   | 2726567   | 2717836   | 0.28   | cps   |
| Magnesium  | 24-2  | 5462596   | 5462962   | 5546008   | 5490522   | 0.88   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2944-04            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-4(5-5.5)       | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 14:55:12 | DataFile Name :   | 038SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 1306993  | 1308043  | 1323536  | 1312857  | 0.71   | cps   |
| Molybdenum | 94-1  | 345260   | 340999   | 352637   | 346299   | 1.70   | cps   |
| Molybdenum | 95-1  | 4576     | 4543     | 4851     | 4656     | 3.64   | cps   |
| Molybdenum | 96-1  | 65718    | 66171    | 68206    | 66698    | 1.99   | cps   |
| Molybdenum | 97-1  | 2725     | 3100     | 3017     | 2948     | 6.68   | cps   |
| Molybdenum | 98-1  | 7586     | 7953     | 7494     | 7677     | 3.16   | cps   |
| Neodymium  | 150-1 | 624916   | 624411   | 627355   | 625561   | 0.25   | cps   |
| Neodymium  | 150-2 | 293766   | 297304   | 300982   | 297350   | 1.21   | cps   |
| Nickel     | 60-2  | 120718   | 119734   | 122543   | 120998   | 1.18   | cps   |
| Phosphorus | 31-2  | 2842     | 2892     | 2692     | 2809     | 3.71   | cps   |
| Potassium  | 39-2  | 495427   | 502142   | 503408   | 500326   | 0.86   | cps   |
| Rhodium    | 103-1 | 5725050  | 5732046  | 5780818  | 5745971  | 0.53   | cps   |
| Rhodium    | 103-2 | 2949280  | 2971844  | 2991981  | 2971035  | 0.72   | cps   |
| Scandium   | 45-1  | 5971588  | 6017167  | 6052688  | 6013814  | 0.68   | cps   |
| Scandium   | 45-2  | 287671   | 288167   | 288110   | 287983   | 0.09   | cps   |
| Selenium   | 77-2  | 943      | 957      | 977      | 959      | 1.75   | cps   |
| Selenium   | 78-2  | 815      | 843      | 739      | 799      | 6.72   | cps   |
| Selenium   | 82-1  | 1818     | 1763     | 1796     | 1792     | 1.54   | cps   |
| Silicon    | 28-1  | 66963524 | 67528197 | 67731827 | 67407849 | 0.59   | cps   |
| Silver     | 109-1 | 3417     | 3334     | 3659     | 3470     | 4.87   | cps   |
| Silver     | 107-1 | 4651     | 4651     | 4976     | 4759     | 3.94   | cps   |
| Sodium     | 23-2  | 413809   | 412041   | 412265   | 412705   | 0.23   | cps   |
| Strontium  | 86-1  | 203580   | 205862   | 207078   | 205507   | 0.86   | cps   |
| Strontium  | 88-1  | 1790070  | 1797699  | 1807928  | 1798565  | 0.50   | cps   |
| Sulfur     | 34-1  | 233925   | 234787   | 237877   | 235530   | 0.88   | cps   |
| Terbium    | 159-1 | 9987003  | 9992480  | 10119280 | 10032921 | 0.75   | cps   |
| Terbium    | 159-2 | 5816816  | 5878621  | 5901057  | 5865498  | 0.74   | cps   |
| Thallium   | 203-1 | 10438    | 9904     | 9437     | 9926     | 5.04   | cps   |
| Thallium   | 205-1 | 24006    | 23848    | 23914    | 23922    | 0.33   | cps   |
| Thorium    | 232-1 | 2015683  | 2037400  | 2048647  | 2033910  | 0.82   | cps   |
| Tin        | 118-1 | 2609     | 2350     | 2309     | 2423     | 6.71   | cps   |
| Titanium   | 47-1  | 673912   | 677470   | 678772   | 676718   | 0.37   | cps   |
| Uranium    | 238-1 | 973731   | 984602   | 988473   | 982268   | 0.78   | cps   |
| Vanadium   | 51-2  | 1191697  | 1208575  | 1216521  | 1205598  | 1.05   | cps   |
| Yttrium    | 89-1  | 11888574 | 11919091 | 12055167 | 11954277 | 0.74   | cps   |
| Yttrium    | 89-2  | 2002959  | 2024139  | 2048084  | 2025061  | 1.11   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2944-04            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-4(5-5.5)       | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 14:55:12 | DataFile Name :   | 038SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zinc      | 66-2 | 130960 | 132656 | 134092 | 132569  | 1.18   | cps   |
| Zirconium | 90-1 | 936449 | 939206 | 944109 | 939921  | 0.41   | cps   |
| Zirconium | 91-1 | 208320 | 209916 | 212639 | 210292  | 1.04   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2944-05            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-5(4.5-5)       | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 14:58:51 | DataFile Name :   | 039SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 8003855   | 7999923   | 7984275   | 7996018   | 0.13   | cps   |
| Antimony   | 121-1 | 8219      | 7836      | 8236      | 8097      | 2.80   | cps   |
| Arsenic    | 75-2  | 10556     | 10741     | 10761     | 10686     | 1.06   | cps   |
| Barium     | 135-1 | 1972723   | 1954094   | 1967145   | 1964654   | 0.49   | cps   |
| Barium     | 137-1 | 3421666   | 3396297   | 3400181   | 3406048   | 0.40   | cps   |
| Beryllium  | 9-1   | 10270     | 10290     | 10574     | 10378     | 1.64   | cps   |
| Bismuth    | 209-1 | 6411688   | 6652045   | 6707598   | 6590444   | 2.39   | cps   |
| Bismuth    | 209-2 | 4409556   | 4413958   | 4442121   | 4421878   | 0.40   | cps   |
| Boron      | 10-1  | 6118      | 6343      | 6268      | 6243      | 1.84   | cps   |
| Boron      | 11-1  | 27843     | 28244     | 29154     | 28414     | 2.36   | cps   |
| Cadmium    | 111-1 | 16993     | 16526     | 17024     | 16848     | 1.66   | cps   |
| Cadmium    | 106-1 | 8411      | 8403      | 8311      | 8375      | 0.66   | cps   |
| Cadmium    | 108-1 | 2042      | 1963      | 1934      | 1979      | 2.83   | cps   |
| Calcium    | 43-1  | 426325    | 418619    | 420348    | 421764    | 0.96   | cps   |
| Calcium    | 44-1  | 6933079   | 6895486   | 6936235   | 6921600   | 0.33   | cps   |
| Chromium   | 52-2  | 708623    | 710913    | 716725    | 712087    | 0.59   | cps   |
| Cobalt     | 59-2  | 384485    | 384099    | 385382    | 384655    | 0.17   | cps   |
| Copper     | 63-2  | 1379376   | 1382632   | 1381534   | 1381180   | 0.12   | cps   |
| Dysprosium | 156-1 | 254206    | 251095    | 249313    | 251538    | 0.98   | cps   |
| Dysprosium | 156-2 | 147511    | 148208    | 148371    | 148030    | 0.31   | cps   |
| Erbium     | 164-1 | 228820    | 228154    | 226538    | 227837    | 0.52   | cps   |
| Erbium     | 164-2 | 131747    | 132474    | 133745    | 132655    | 0.76   | cps   |
| Gadolinium | 160-1 | 233658    | 230284    | 232654    | 232199    | 0.75   | cps   |
| Gadolinium | 160-2 | 148555    | 148349    | 150946    | 149283    | 0.97   | cps   |
| Holmium    | 165-1 | 9845094   | 10208338  | 10212085  | 10088506  | 2.09   | cps   |
| Holmium    | 165-2 | 6058947   | 6092091   | 6109768   | 6086936   | 0.42   | cps   |
| Indium     | 115-1 | 6653156   | 6859419   | 6915541   | 6809372   | 2.03   | cps   |
| Indium     | 115-2 | 1603511   | 1633139   | 1631531   | 1622727   | 1.03   | cps   |
| Iron       | 56-2  | 328348296 | 327755085 | 329358174 | 328487185 | 0.25   | cps   |
| Iron       | 57-2  | 8161964   | 8159342   | 8160923   | 8160743   | 0.02   | cps   |
| Krypton    | 83-1  | 573       | 530       | 567       | 557       | 4.19   | cps   |
| Lead       | 206-1 | 13679242  | 13623647  | 13613268  | 13638719  | 0.26   | cps   |
| Lead       | 207-1 | 11463490  | 11461351  | 11409869  | 11444903  | 0.27   | cps   |
| Lead       | 208-1 | 53247502  | 53206705  | 53067837  | 53174014  | 0.18   | cps   |
| Lithium    | 6-1   | 2705462   | 2768418   | 2765907   | 2746596   | 1.30   | cps   |
| Magnesium  | 24-2  | 6062510   | 6041342   | 6058901   | 6054251   | 0.19   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2944-05            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-5(4.5-5)       | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 14:58:51 | DataFile Name :   | 039SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 6840737  | 6816557  | 6841558  | 6832951  | 0.21   | cps   |
| Molybdenum | 94-1  | 306728   | 299171   | 302449   | 302783   | 1.25   | cps   |
| Molybdenum | 95-1  | 14925    | 15083    | 14358    | 14789    | 2.58   | cps   |
| Molybdenum | 96-1  | 68206    | 67083    | 65920    | 67069    | 1.70   | cps   |
| Molybdenum | 97-1  | 9220     | 9429     | 9779     | 9476     | 2.98   | cps   |
| Molybdenum | 98-1  | 24522    | 23863    | 24197    | 24194    | 1.36   | cps   |
| Neodymium  | 150-1 | 342194   | 345011   | 343761   | 343655   | 0.41   | cps   |
| Neodymium  | 150-2 | 157149   | 160864   | 160375   | 159463   | 1.27   | cps   |
| Nickel     | 60-2  | 151971   | 151765   | 152692   | 152143   | 0.32   | cps   |
| Phosphorus | 31-2  | 14825    | 14825    | 14049    | 14566    | 3.08   | cps   |
| Potassium  | 39-2  | 709993   | 721513   | 713444   | 714983   | 0.83   | cps   |
| Rhodium    | 103-1 | 5853797  | 6052502  | 6090549  | 5998950  | 2.12   | cps   |
| Rhodium    | 103-2 | 3095284  | 3130948  | 3135339  | 3120524  | 0.70   | cps   |
| Scandium   | 45-1  | 5330625  | 5446392  | 5507248  | 5428088  | 1.65   | cps   |
| Scandium   | 45-2  | 258920   | 259196   | 259714   | 259277   | 0.16   | cps   |
| Selenium   | 77-2  | 517      | 543      | 570      | 543      | 4.91   | cps   |
| Selenium   | 78-2  | 467      | 457      | 513      | 479      | 6.21   | cps   |
| Selenium   | 82-1  | 1132     | 1175     | 1097     | 1134     | 3.43   | cps   |
| Silicon    | 28-1  | 67702508 | 67092443 | 67116420 | 67303790 | 0.51   | cps   |
| Silver     | 109-1 | 19681    | 20282    | 19598    | 19854    | 1.88   | cps   |
| Silver     | 107-1 | 20975    | 21008    | 20574    | 20852    | 1.16   | cps   |
| Sodium     | 23-2  | 329515   | 328030   | 327129   | 328225   | 0.37   | cps   |
| Strontium  | 86-1  | 242125   | 240116   | 239024   | 240421   | 0.65   | cps   |
| Strontium  | 88-1  | 2112718  | 2090945  | 2092970  | 2098878  | 0.57   | cps   |
| Sulfur     | 34-1  | 272584   | 276940   | 272025   | 273849   | 0.98   | cps   |
| Terbium    | 159-1 | 10074939 | 10432310 | 10484108 | 10330452 | 2.16   | cps   |
| Terbium    | 159-2 | 5986987  | 6012648  | 6040932  | 6013522  | 0.45   | cps   |
| Thallium   | 203-1 | 6810     | 6252     | 6344     | 6469     | 4.63   | cps   |
| Thallium   | 205-1 | 15560    | 15610    | 16186    | 15785    | 2.20   | cps   |
| Thorium    | 232-1 | 1015601  | 1000829  | 1005023  | 1007151  | 0.76   | cps   |
| Tin        | 118-1 | 33758    | 33366    | 33257    | 33460    | 0.79   | cps   |
| Titanium   | 47-1  | 1671847  | 1649173  | 1664154  | 1661725  | 0.69   | cps   |
| Uranium    | 238-1 | 366003   | 356159   | 359411   | 360525   | 1.39   | cps   |
| Vanadium   | 51-2  | 779593   | 775596   | 784846   | 780012   | 0.59   | cps   |
| Yttrium    | 89-1  | 10000685 | 10255932 | 10358069 | 10204895 | 1.80   | cps   |
| Yttrium    | 89-2  | 1711156  | 1724181  | 1723031  | 1719456  | 0.42   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2944-05            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-5(4.5-5)       | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 14:58:51 | DataFile Name :   | 039SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zinc      | 66-2 | 416243 | 417223 | 417175 | 416881  | 0.13   | cps   |
| Zirconium | 90-1 | 794175 | 793231 | 793410 | 793605  | 0.06   | cps   |
| Zirconium | 91-1 | 179630 | 178576 | 178591 | 178932  | 0.34   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2944-06            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-6(4.5-5)       | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 15:02:30 | DataFile Name :   | 040SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 7536913   | 7498950   | 7486966   | 7507610   | 0.35   | cps   |
| Antimony   | 121-1 | 808       | 625       | 575       | 669       | 18.35  | cps   |
| Arsenic    | 75-2  | 4545      | 4677      | 4566      | 4596      | 1.54   | cps   |
| Barium     | 135-1 | 1218877   | 1216764   | 1222951   | 1219531   | 0.26   | cps   |
| Barium     | 137-1 | 2121141   | 2101405   | 2121493   | 2114679   | 0.54   | cps   |
| Beryllium  | 9-1   | 5521      | 5678      | 5771      | 5657      | 2.23   | cps   |
| Bismuth    | 209-1 | 6535338   | 7139185   | 6776253   | 6816926   | 4.46   | cps   |
| Bismuth    | 209-2 | 4288334   | 4272355   | 4323472   | 4294720   | 0.61   | cps   |
| Boron      | 10-1  | 5201      | 4993      | 5084      | 5093      | 2.05   | cps   |
| Boron      | 11-1  | 22793     | 23235     | 23369     | 23132     | 1.30   | cps   |
| Cadmium    | 111-1 | 4404      | 4256      | 4018      | 4226      | 4.61   | cps   |
| Cadmium    | 106-1 | 6335      | 6143      | 5943      | 6140      | 3.19   | cps   |
| Cadmium    | 108-1 | 900       | 879       | 971       | 917       | 5.24   | cps   |
| Calcium    | 43-1  | 186434    | 185331    | 190049    | 187271    | 1.32   | cps   |
| Calcium    | 44-1  | 3093986   | 3085217   | 3099485   | 3092896   | 0.23   | cps   |
| Chromium   | 52-2  | 642051    | 643327    | 649853    | 645077    | 0.65   | cps   |
| Cobalt     | 59-2  | 175198    | 175907    | 176801    | 175968    | 0.46   | cps   |
| Copper     | 63-2  | 156940    | 156857    | 158807    | 157535    | 0.70   | cps   |
| Dysprosium | 156-1 | 243569    | 235616    | 241829    | 240338    | 1.74   | cps   |
| Dysprosium | 156-2 | 141368    | 142076    | 141119    | 141521    | 0.35   | cps   |
| Erbium     | 164-1 | 192860    | 193588    | 193978    | 193475    | 0.29   | cps   |
| Erbium     | 164-2 | 113234    | 112904    | 114000    | 113379    | 0.50   | cps   |
| Gadolinium | 160-1 | 213828    | 216446    | 214796    | 215024    | 0.62   | cps   |
| Gadolinium | 160-2 | 139121    | 138955    | 138632    | 138903    | 0.18   | cps   |
| Holmium    | 165-1 | 9913612   | 10832928  | 10346805  | 10364448  | 4.44   | cps   |
| Holmium    | 165-2 | 5942913   | 5880101   | 5916921   | 5913312   | 0.53   | cps   |
| Indium     | 115-1 | 6777157   | 7475842   | 7044857   | 7099285   | 4.97   | cps   |
| Indium     | 115-2 | 1588545   | 1577188   | 1595914   | 1587216   | 0.59   | cps   |
| Iron       | 56-2  | 352244108 | 352422108 | 353960108 | 352875441 | 0.27   | cps   |
| Iron       | 57-2  | 8797448   | 8732997   | 8820445   | 8783630   | 0.52   | cps   |
| Krypton    | 83-1  | 507       | 493       | 557       | 519       | 6.44   | cps   |
| Lead       | 206-1 | 507772    | 505509    | 509191    | 507491    | 0.37   | cps   |
| Lead       | 207-1 | 425208    | 420836    | 422852    | 422966    | 0.52   | cps   |
| Lead       | 208-1 | 1993140   | 1988827   | 1990271   | 1990746   | 0.11   | cps   |
| Lithium    | 6-1   | 2747958   | 2946219   | 2844078   | 2846085   | 3.48   | cps   |
| Magnesium  | 24-2  | 3506742   | 3479522   | 3483330   | 3489865   | 0.42   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2944-06            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-6(4.5-5)       | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 15:02:30 | DataFile Name :   | 040SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Manganese  | 55-2  | 1450203   | 1458533   | 1455325   | 1454687   | 0.29   | cps   |
| Molybdenum | 94-1  | 256443    | 250433    | 254352    | 253742    | 1.20   | cps   |
| Molybdenum | 95-1  | 4843      | 5009      | 4768      | 4873      | 2.54   | cps   |
| Molybdenum | 96-1  | 50841     | 50465     | 50616     | 50641     | 0.37   | cps   |
| Molybdenum | 97-1  | 3342      | 3217      | 3109      | 3223      | 3.62   | cps   |
| Molybdenum | 98-1  | 8161      | 7861      | 8361      | 8128      | 3.10   | cps   |
| Neodymium  | 150-1 | 368276    | 363506    | 373885    | 368555    | 1.41   | cps   |
| Neodymium  | 150-2 | 172952    | 172188    | 174369    | 173169    | 0.64   | cps   |
| Nickel     | 60-2  | 75952     | 74730     | 75376     | 75353     | 0.81   | cps   |
| Phosphorus | 31-2  | 4559      | 4309      | 3959      | 4276      | 7.05   | cps   |
| Potassium  | 39-2  | 299923    | 300504    | 300494    | 300307    | 0.11   | cps   |
| Rhodium    | 103-1 | 5997136   | 6552855   | 6250516   | 6266835   | 4.44   | cps   |
| Rhodium    | 103-2 | 3045391   | 3032517   | 3075425   | 3051111   | 0.72   | cps   |
| Scandium   | 45-1  | 5533656   | 5998380   | 5777330   | 5769789   | 4.03   | cps   |
| Scandium   | 45-2  | 259118    | 257595    | 262737    | 259817    | 1.02   | cps   |
| Selenium   | 77-2  | 623       | 560       | 493       | 559       | 11.63  | cps   |
| Selenium   | 78-2  | 491       | 456       | 489       | 478       | 4.14   | cps   |
| Selenium   | 82-1  | 1134      | 1063      | 1083      | 1094      | 3.35   | cps   |
| Silicon    | 28-1  | 104440048 | 104335115 | 104612665 | 104462609 | 0.13   | cps   |
| Silver     | 109-1 | 2534      | 2384      | 2525      | 2481      | 3.40   | cps   |
| Silver     | 107-1 | 3059      | 3192      | 3017      | 3089      | 2.96   | cps   |
| Sodium     | 23-2  | 759631    | 762742    | 763857    | 762076    | 0.29   | cps   |
| Strontium  | 86-1  | 129580    | 126158    | 127142    | 127627    | 1.38   | cps   |
| Strontium  | 88-1  | 1130899   | 1112744   | 1106860   | 1116835   | 1.12   | cps   |
| Sulfur     | 34-1  | 225565    | 227909    | 230539    | 228004    | 1.09   | cps   |
| Terbium    | 159-1 | 10210630  | 11169095  | 10645918  | 10675214  | 4.50   | cps   |
| Terbium    | 159-2 | 5836669   | 5802142   | 5884733   | 5841182   | 0.71   | cps   |
| Thallium   | 203-1 | 6018      | 6127      | 5860      | 6002      | 2.24   | cps   |
| Thallium   | 205-1 | 14217     | 14442     | 14292     | 14317     | 0.80   | cps   |
| Thorium    | 232-1 | 1342422   | 1323651   | 1344475   | 1336849   | 0.86   | cps   |
| Tin        | 118-1 | 1817      | 1917      | 1892      | 1875      | 2.78   | cps   |
| Titanium   | 47-1  | 847681    | 840763    | 843896    | 844113    | 0.41   | cps   |
| Uranium    | 238-1 | 575865    | 570088    | 578711    | 574888    | 0.76   | cps   |
| Vanadium   | 51-2  | 791511    | 784073    | 792430    | 789338    | 0.58   | cps   |
| Yttrium    | 89-1  | 9553738   | 10199145  | 9823354   | 9858746   | 3.29   | cps   |
| Yttrium    | 89-2  | 1586003   | 1576311   | 1588592   | 1583635   | 0.41   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2944-06            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-6(4.5-5)       | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 15:02:30 | DataFile Name :   | 040SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zinc      | 66-2 | 96298  | 97680  | 96751  | 96910   | 0.73   | cps   |
| Zirconium | 90-1 | 682152 | 676510 | 677944 | 678869  | 0.43   | cps   |
| Zirconium | 91-1 | 154810 | 149322 | 153666 | 152599  | 1.90   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2966-01            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-13(9.5-10)     | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 15:06:11 | DataFile Name :   | 041SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 7212508   | 7232039   | 7163506   | 7202684   | 0.49   | cps   |
| Antimony   | 121-1 | 2092      | 2175      | 2400      | 2223      | 7.18   | cps   |
| Arsenic    | 75-2  | 10812     | 10598     | 10943     | 10784     | 1.61   | cps   |
| Barium     | 135-1 | 954356    | 948481    | 934921    | 945919    | 1.05   | cps   |
| Barium     | 137-1 | 1657384   | 1633064   | 1626938   | 1639129   | 0.98   | cps   |
| Beryllium  | 9-1   | 10764     | 10657     | 10117     | 10513     | 3.30   | cps   |
| Bismuth    | 209-1 | 6790084   | 6845431   | 6813206   | 6816241   | 0.41   | cps   |
| Bismuth    | 209-2 | 4519727   | 4539653   | 4540282   | 4533221   | 0.26   | cps   |
| Boron      | 10-1  | 4934      | 4918      | 4893      | 4915      | 0.43   | cps   |
| Boron      | 11-1  | 21833     | 22150     | 21933     | 21972     | 0.74   | cps   |
| Cadmium    | 111-1 | 12024     | 11977     | 11760     | 11920     | 1.18   | cps   |
| Cadmium    | 106-1 | 7227      | 7302      | 7294      | 7274      | 0.57   | cps   |
| Cadmium    | 108-1 | 1542      | 1529      | 1425      | 1499      | 4.27   | cps   |
| Calcium    | 43-1  | 209826    | 208788    | 206684    | 208433    | 0.77   | cps   |
| Calcium    | 44-1  | 3431832   | 3409402   | 3397426   | 3412887   | 0.51   | cps   |
| Chromium   | 52-2  | 377032    | 375660    | 373860    | 375517    | 0.42   | cps   |
| Cobalt     | 59-2  | 284493    | 282842    | 281348    | 282894    | 0.56   | cps   |
| Copper     | 63-2  | 674435    | 677635    | 673302    | 675124    | 0.33   | cps   |
| Dysprosium | 156-1 | 247497    | 246656    | 245718    | 246624    | 0.36   | cps   |
| Dysprosium | 156-2 | 143917    | 143490    | 144362    | 143923    | 0.30   | cps   |
| Erbium     | 164-1 | 208300    | 209148    | 206363    | 207937    | 0.69   | cps   |
| Erbium     | 164-2 | 119368    | 120669    | 119833    | 119957    | 0.55   | cps   |
| Gadolinium | 160-1 | 232995    | 229800    | 230054    | 230949    | 0.77   | cps   |
| Gadolinium | 160-2 | 146900    | 147241    | 147904    | 147348    | 0.35   | cps   |
| Holmium    | 165-1 | 10252432  | 10380729  | 10296461  | 10309874  | 0.63   | cps   |
| Holmium    | 165-2 | 6172878   | 6170973   | 6148428   | 6164093   | 0.22   | cps   |
| Indium     | 115-1 | 6998602   | 7134713   | 7116363   | 7083226   | 1.04   | cps   |
| Indium     | 115-2 | 1667546   | 1667346   | 1650596   | 1661829   | 0.59   | cps   |
| Iron       | 56-2  | 344535341 | 345495663 | 342409563 | 344146856 | 0.46   | cps   |
| Iron       | 57-2  | 8598929   | 8650346   | 8570754   | 8606676   | 0.47   | cps   |
| Krypton    | 83-1  | 527       | 607       | 500       | 544       | 10.20  | cps   |
| Lead       | 206-1 | 1233764   | 1240624   | 1224056   | 1232814   | 0.68   | cps   |
| Lead       | 207-1 | 1047861   | 1040829   | 1032801   | 1040497   | 0.72   | cps   |
| Lead       | 208-1 | 4870163   | 4858421   | 4805004   | 4844529   | 0.72   | cps   |
| Lithium    | 6-1   | 2950347   | 2946888   | 2950129   | 2949121   | 0.07   | cps   |
| Magnesium  | 24-2  | 9175951   | 9127365   | 9069651   | 9124322   | 0.58   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2966-01            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-13(9.5-10)     | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 15:06:11 | DataFile Name :   | 041SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 2147330  | 2153802  | 2137817  | 2146316  | 0.37   | cps   |
| Molybdenum | 94-1  | 268757   | 267094   | 265345   | 267065   | 0.64   | cps   |
| Molybdenum | 95-1  | 21726    | 21350    | 21150    | 21408    | 1.37   | cps   |
| Molybdenum | 96-1  | 67971    | 69604    | 68582    | 68719    | 1.20   | cps   |
| Molybdenum | 97-1  | 13607    | 13198    | 13849    | 13551    | 2.43   | cps   |
| Molybdenum | 98-1  | 35737    | 34601    | 35604    | 35314    | 1.76   | cps   |
| Neodymium  | 150-1 | 328778   | 329155   | 328697   | 328877   | 0.07   | cps   |
| Neodymium  | 150-2 | 152535   | 150925   | 150305   | 151255   | 0.76   | cps   |
| Nickel     | 60-2  | 227683   | 229071   | 225070   | 227274   | 0.89   | cps   |
| Phosphorus | 31-2  | 29580    | 30557    | 31092    | 30410    | 2.52   | cps   |
| Potassium  | 39-2  | 1170764  | 1176513  | 1164895  | 1170724  | 0.50   | cps   |
| Rhodium    | 103-1 | 6221535  | 6301911  | 6335438  | 6286295  | 0.93   | cps   |
| Rhodium    | 103-2 | 3174997  | 3194636  | 3197763  | 3189132  | 0.39   | cps   |
| Scandium   | 45-1  | 5229538  | 5300538  | 5290135  | 5273404  | 0.73   | cps   |
| Scandium   | 45-2  | 247510   | 248388   | 246259   | 247386   | 0.43   | cps   |
| Selenium   | 77-2  | 510      | 537      | 433      | 493      | 10.87  | cps   |
| Selenium   | 78-2  | 383      | 400      | 324      | 369      | 10.81  | cps   |
| Selenium   | 82-1  | 638      | 599      | 641      | 626      | 3.74   | cps   |
| Silicon    | 28-1  | 54864493 | 55006462 | 54250176 | 54707044 | 0.73   | cps   |
| Silver     | 109-1 | 34134    | 34894    | 34142    | 34390    | 1.27   | cps   |
| Silver     | 107-1 | 36264    | 35955    | 35704    | 35974    | 0.78   | cps   |
| Sodium     | 23-2  | 177631   | 176914   | 177252   | 177266   | 0.20   | cps   |
| Strontium  | 86-1  | 143645   | 142621   | 142449   | 142905   | 0.45   | cps   |
| Strontium  | 88-1  | 1258784  | 1263122  | 1243365  | 1255090  | 0.83   | cps   |
| Sulfur     | 34-1  | 230709   | 234815   | 239258   | 234927   | 1.82   | cps   |
| Terbium    | 159-1 | 10593402 | 10734305 | 10653736 | 10660481 | 0.66   | cps   |
| Terbium    | 159-2 | 6122099  | 6104682  | 6107139  | 6111307  | 0.15   | cps   |
| Thallium   | 203-1 | 7903     | 8003     | 7736     | 7880     | 1.71   | cps   |
| Thallium   | 205-1 | 19039    | 19498    | 18322    | 18953    | 3.13   | cps   |
| Thorium    | 232-1 | 1115841  | 1113979  | 1095789  | 1108536  | 1.00   | cps   |
| Tin        | 118-1 | 31862    | 31127    | 30768    | 31252    | 1.78   | cps   |
| Titanium   | 47-1  | 343363   | 342081   | 341198   | 342214   | 0.32   | cps   |
| Uranium    | 238-1 | 130792   | 130943   | 129876   | 130537   | 0.44   | cps   |
| Vanadium   | 51-2  | 239309   | 241457   | 237389   | 239385   | 0.85   | cps   |
| Yttrium    | 89-1  | 10101211 | 10167227 | 10100835 | 10123091 | 0.38   | cps   |
| Yttrium    | 89-2  | 1670658  | 1677605  | 1670034  | 1672766  | 0.25   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2966-01            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-13(9.5-10)     | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 15:06:11 | DataFile Name :   | 041SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zinc      | 66-2 | 569574 | 570253 | 565452 | 568426  | 0.46   | cps   |
| Zirconium | 90-1 | 704377 | 700907 | 690678 | 698654  | 1.02   | cps   |
| Zirconium | 91-1 | 160051 | 155881 | 151906 | 155946  | 2.61   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2966-02            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-14(4.5-5)      | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 15:09:49 | DataFile Name :   | 042SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 6580047   | 6564673   | 6584979   | 6576566   | 0.16   | cps   |
| Antimony   | 121-1 | 700       | 858       | 842       | 800       | 10.88  | cps   |
| Arsenic    | 75-2  | 2982      | 2919      | 2919      | 2940      | 1.24   | cps   |
| Barium     | 135-1 | 1759985   | 1727705   | 1736056   | 1741249   | 0.96   | cps   |
| Barium     | 137-1 | 3035367   | 2996531   | 2995010   | 3008969   | 0.76   | cps   |
| Beryllium  | 9-1   | 5821      | 5734      | 5628      | 5728      | 1.69   | cps   |
| Bismuth    | 209-1 | 6695948   | 6684792   | 6732319   | 6704353   | 0.37   | cps   |
| Bismuth    | 209-2 | 4425872   | 4487638   | 4497658   | 4470389   | 0.87   | cps   |
| Boron      | 10-1  | 4468      | 4059      | 4259      | 4262      | 4.79   | cps   |
| Boron      | 11-1  | 17561     | 17219     | 17728     | 17502     | 1.48   | cps   |
| Cadmium    | 111-1 | 4865      | 4378      | 4652      | 4632      | 5.27   | cps   |
| Cadmium    | 106-1 | 6410      | 5676      | 5910      | 5999      | 6.25   | cps   |
| Cadmium    | 108-1 | 871       | 779       | 758       | 803       | 7.46   | cps   |
| Calcium    | 43-1  | 70326     | 66727     | 68770     | 68607     | 2.63   | cps   |
| Calcium    | 44-1  | 1128163   | 1115160   | 1113049   | 1118790   | 0.73   | cps   |
| Chromium   | 52-2  | 535900    | 536531    | 533603    | 535345    | 0.29   | cps   |
| Cobalt     | 59-2  | 135848    | 137032    | 136945    | 136608    | 0.48   | cps   |
| Copper     | 63-2  | 164768    | 165840    | 164489    | 165033    | 0.43   | cps   |
| Dysprosium | 156-1 | 232576    | 227298    | 233481    | 231118    | 1.44   | cps   |
| Dysprosium | 156-2 | 135859    | 137362    | 135661    | 136294    | 0.68   | cps   |
| Erbium     | 164-1 | 197740    | 196981    | 192160    | 195627    | 1.55   | cps   |
| Erbium     | 164-2 | 113825    | 114484    | 114619    | 114310    | 0.37   | cps   |
| Gadolinium | 160-1 | 212111    | 209025    | 212495    | 211210    | 0.90   | cps   |
| Gadolinium | 160-2 | 136135    | 134027    | 136652    | 135605    | 1.03   | cps   |
| Holmium    | 165-1 | 10157928  | 10111974  | 10183479  | 10151127  | 0.36   | cps   |
| Holmium    | 165-2 | 6075696   | 6166957   | 6110442   | 6117698   | 0.75   | cps   |
| Indium     | 115-1 | 6956425   | 6960659   | 6959074   | 6958719   | 0.03   | cps   |
| Indium     | 115-2 | 1631404   | 1653177   | 1653379   | 1645987   | 0.77   | cps   |
| Iron       | 56-2  | 227941627 | 228746188 | 230020977 | 228902931 | 0.46   | cps   |
| Iron       | 57-2  | 5696381   | 5723036   | 5730806   | 5716741   | 0.32   | cps   |
| Krypton    | 83-1  | 530       | 530       | 527       | 529       | 0.36   | cps   |
| Lead       | 206-1 | 502269    | 494165    | 491639    | 496024    | 1.12   | cps   |
| Lead       | 207-1 | 413385    | 414747    | 412458    | 413530    | 0.28   | cps   |
| Lead       | 208-1 | 1950468   | 1948357   | 1931087   | 1943304   | 0.55   | cps   |
| Lithium    | 6-1   | 2815164   | 2790584   | 2810973   | 2805574   | 0.47   | cps   |
| Magnesium  | 24-2  | 3335781   | 3363724   | 3354665   | 3351390   | 0.43   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2966-02            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-14(4.5-5)      | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 15:09:49 | DataFile Name :   | 042SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 704734   | 707852   | 709411   | 707332   | 0.34   | cps   |
| Molybdenum | 94-1  | 221764   | 220247   | 218957   | 220323   | 0.64   | cps   |
| Molybdenum | 95-1  | 3376     | 3276     | 3159     | 3270     | 3.32   | cps   |
| Molybdenum | 96-1  | 42456    | 41587    | 43124    | 42389    | 1.82   | cps   |
| Molybdenum | 97-1  | 2284     | 2059     | 2292     | 2211     | 5.99   | cps   |
| Molybdenum | 98-1  | 5076     | 5101     | 5360     | 5179     | 3.03   | cps   |
| Neodymium  | 150-1 | 342453   | 337506   | 336051   | 338670   | 0.99   | cps   |
| Neodymium  | 150-2 | 158848   | 159502   | 159701   | 159350   | 0.28   | cps   |
| Nickel     | 60-2  | 76605    | 76676    | 76518    | 76600    | 0.10   | cps   |
| Phosphorus | 31-2  | 2909     | 2942     | 2900     | 2917     | 0.76   | cps   |
| Potassium  | 39-2  | 271846   | 276778   | 275791   | 274805   | 0.95   | cps   |
| Rhodium    | 103-1 | 6201421  | 6130293  | 6174423  | 6168713  | 0.58   | cps   |
| Rhodium    | 103-2 | 3135623  | 3157953  | 3199936  | 3164504  | 1.03   | cps   |
| Scandium   | 45-1  | 5489157  | 5425566  | 5410287  | 5441670  | 0.77   | cps   |
| Scandium   | 45-2  | 255978   | 257710   | 261114   | 258267   | 1.01   | cps   |
| Selenium   | 77-2  | 467      | 463      | 470      | 467      | 0.71   | cps   |
| Selenium   | 78-2  | 385      | 367      | 396      | 383      | 3.91   | cps   |
| Selenium   | 82-1  | 1008     | 900      | 943      | 950      | 5.69   | cps   |
| Silicon    | 28-1  | 85610575 | 85225573 | 85725594 | 85520580 | 0.31   | cps   |
| Silver     | 109-1 | 1325     | 1267     | 1358     | 1317     | 3.52   | cps   |
| Silver     | 107-1 | 1934     | 1942     | 2000     | 1959     | 1.85   | cps   |
| Sodium     | 23-2  | 263060   | 262431   | 265792   | 263761   | 0.68   | cps   |
| Strontium  | 86-1  | 84775    | 85722    | 83668    | 84722    | 1.21   | cps   |
| Strontium  | 88-1  | 744842   | 737201   | 728610   | 736884   | 1.10   | cps   |
| Sulfur     | 34-1  | 247793   | 243643   | 248592   | 246676   | 1.08   | cps   |
| Terbium    | 159-1 | 10408123 | 10358712 | 10435034 | 10400623 | 0.37   | cps   |
| Terbium    | 159-2 | 5992286  | 6020479  | 6040118  | 6017627  | 0.40   | cps   |
| Thallium   | 203-1 | 6135     | 6243     | 6702     | 6360     | 4.73   | cps   |
| Thallium   | 205-1 | 15460    | 14892    | 15568    | 15307    | 2.37   | cps   |
| Thorium    | 232-1 | 1385898  | 1391858  | 1377982  | 1385246  | 0.50   | cps   |
| Tin        | 118-1 | 1909     | 1650     | 1725     | 1761     | 7.55   | cps   |
| Titanium   | 47-1  | 579502   | 575305   | 570184   | 574997   | 0.81   | cps   |
| Uranium    | 238-1 | 539046   | 534513   | 535664   | 536408   | 0.44   | cps   |
| Vanadium   | 51-2  | 518542   | 526855   | 525880   | 523759   | 0.87   | cps   |
| Yttrium    | 89-1  | 9678792  | 9653868  | 9631264  | 9654641  | 0.25   | cps   |
| Yttrium    | 89-2  | 1601012  | 1619290  | 1627177  | 1615827  | 0.83   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2966-02            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-14(4.5-5)      | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 15:09:49 | DataFile Name :   | 042SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zinc      | 66-2 | 110222 | 110843 | 111048 | 110704  | 0.39   | cps   |
| Zirconium | 90-1 | 594141 | 586737 | 589266 | 590048  | 0.64   | cps   |
| Zirconium | 91-1 | 134089 | 134551 | 133626 | 134089  | 0.35   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB103076            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV19               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV19               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2019-05-29 15:15:55 | DataFile Name :   | 043CCV.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 4565530   | 4593386   | 4602467   | 4587128   | 0.42   | cps   |
| Antimony   | 121-1 | 3347802   | 3352551   | 3346965   | 3349106   | 0.09   | cps   |
| Arsenic    | 75-2  | 120429    | 120854    | 121754    | 121012    | 0.56   | cps   |
| Barium     | 135-1 | 4655643   | 4650299   | 4655277   | 4653740   | 0.06   | cps   |
| Barium     | 137-1 | 8221306   | 8215096   | 8207825   | 8214742   | 0.08   | cps   |
| Beryllium  | 9-1   | 907959    | 906106    | 897803    | 903956    | 0.60   | cps   |
| Bismuth    | 209-1 | 6001461   | 5909648   | 5989066   | 5966725   | 0.83   | cps   |
| Bismuth    | 209-2 | 3917116   | 3912324   | 3681474   | 3836971   | 3.51   | cps   |
| Boron      | 10-1  | 139252    | 139589    | 141968    | 140270    | 1.06   | cps   |
| Boron      | 11-1  | 605091    | 616870    | 618170    | 613377    | 1.17   | cps   |
| Cadmium    | 111-1 | 1018160   | 1011639   | 1014700   | 1014833   | 0.32   | cps   |
| Cadmium    | 106-1 | 118693    | 117240    | 116525    | 117486    | 0.94   | cps   |
| Cadmium    | 108-1 | 78771     | 79078     | 79073     | 78974     | 0.22   | cps   |
| Calcium    | 43-1  | 5649358   | 5649334   | 5601082   | 5633258   | 0.49   | cps   |
| Calcium    | 44-1  | 92115360  | 91839808  | 90948225  | 91634465  | 0.67   | cps   |
| Chromium   | 52-2  | 1083612   | 1085098   | 1099198   | 1089303   | 0.79   | cps   |
| Cobalt     | 59-2  | 1616392   | 1620994   | 1640786   | 1626057   | 0.80   | cps   |
| Copper     | 63-2  | 2383920   | 2394361   | 2402943   | 2393741   | 0.40   | cps   |
| Dysprosium | 156-1 | 50        | 100       | 167       | 106       | 55.45  | cps   |
| Dysprosium | 156-2 | 93        | 120       | 120       | 111       | 13.85  | cps   |
| Erbium     | 164-1 | 108       | 33        | 25        | 56        | 82.62  | cps   |
| Erbium     | 164-2 | 30        | 17        | 23        | 23        | 28.56  | cps   |
| Gadolinium | 160-1 | 67        | 83        | 75        | 75        | 11.11  | cps   |
| Gadolinium | 160-2 | 147       | 223       | 153       | 174       | 24.35  | cps   |
| Holmium    | 165-1 | 9555932   | 9352147   | 9487800   | 9465293   | 1.10   | cps   |
| Holmium    | 165-2 | 5659793   | 5586702   | 5210170   | 5485555   | 4.40   | cps   |
| Indium     | 115-1 | 6341521   | 6171662   | 6279535   | 6264240   | 1.37   | cps   |
| Indium     | 115-2 | 1472827   | 1459531   | 1359506   | 1430621   | 4.33   | cps   |
| Iron       | 56-2  | 227664822 | 228646183 | 231488989 | 229266664 | 0.87   | cps   |
| Iron       | 57-2  | 5739426   | 5786193   | 5806107   | 5777242   | 0.59   | cps   |
| Krypton    | 83-1  | 277       | 250       | 257       | 261       | 5.31   | cps   |
| Lead       | 206-1 | 3159596   | 3208051   | 3218473   | 3195373   | 0.98   | cps   |
| Lead       | 207-1 | 2932959   | 2955401   | 2951848   | 2946736   | 0.41   | cps   |
| Lead       | 208-1 | 13203212  | 13325732  | 13348987  | 13292644  | 0.59   | cps   |
| Lithium    | 6-1   | 2530447   | 2464951   | 2494622   | 2496673   | 1.31   | cps   |
| Magnesium  | 24-2  | 44892089  | 45025335  | 45318841  | 45078755  | 0.48   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB103076            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV19               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV19               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2019-05-29 15:15:55 | DataFile Name :   | 043CCV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 1406817  | 1416137  | 1437653  | 1420202  | 1.11   | cps   |
| Molybdenum | 94-1  | 7355832  | 7356379  | 7342687  | 7351633  | 0.11   | cps   |
| Molybdenum | 95-1  | 8869005  | 8929679  | 8858077  | 8885587  | 0.43   | cps   |
| Molybdenum | 96-1  | 9887200  | 9940582  | 9899219  | 9909000  | 0.28   | cps   |
| Molybdenum | 97-1  | 5556880  | 5575930  | 5557935  | 5563581  | 0.19   | cps   |
| Molybdenum | 98-1  | 14219640 | 14290623 | 14281443 | 14263902 | 0.27   | cps   |
| Neodymium  | 150-1 | 547      | 573      | 567      | 562      | 2.47   | cps   |
| Neodymium  | 150-2 | 77       | 100      | 60       | 79       | 25.47  | cps   |
| Nickel     | 60-2  | 397169   | 397863   | 401547   | 398860   | 0.59   | cps   |
| Phosphorus | 31-2  | 41559    | 43096    | 42286    | 42314    | 1.82   | cps   |
| Potassium  | 39-2  | 23290316 | 23344367 | 23419102 | 23351261 | 0.28   | cps   |
| Rhodium    | 103-1 | 5448394  | 5347174  | 5399099  | 5398222  | 0.94   | cps   |
| Rhodium    | 103-2 | 2728600  | 2731570  | 2526366  | 2662178  | 4.42   | cps   |
| Scandium   | 45-1  | 4492372  | 4403295  | 4343032  | 4412900  | 1.70   | cps   |
| Scandium   | 45-2  | 210727   | 209162   | 195379   | 205089   | 4.12   | cps   |
| Selenium   | 77-2  | 3524     | 3611     | 3714     | 3616     | 2.63   | cps   |
| Selenium   | 78-2  | 12491    | 12413    | 12633    | 12512    | 0.89   | cps   |
| Selenium   | 82-1  | 69457    | 69344    | 69047    | 69283    | 0.31   | cps   |
| Silicon    | 28-1  | 2713846  | 2759610  | 2758897  | 2744118  | 0.96   | cps   |
| Silver     | 109-1 | 4309122  | 4338623  | 4309714  | 4319153  | 0.39   | cps   |
| Silver     | 107-1 | 4484189  | 4509037  | 4494694  | 4495973  | 0.28   | cps   |
| Sodium     | 23-2  | 86345498 | 86825325 | 87329583 | 86833469 | 0.57   | cps   |
| Strontium  | 86-1  | 1162795  | 1163851  | 1168619  | 1165088  | 0.27   | cps   |
| Strontium  | 88-1  | 10327781 | 10285155 | 10360454 | 10324463 | 0.37   | cps   |
| Sulfur     | 34-1  | 701243   | 703497   | 693225   | 699322   | 0.77   | cps   |
| Terbium    | 159-1 | 9811402  | 9590614  | 9767039  | 9723018  | 1.20   | cps   |
| Terbium    | 159-2 | 5550523  | 5473522  | 5070501  | 5364849  | 4.81   | cps   |
| Thallium   | 203-1 | 3947874  | 3956032  | 3982429  | 3962112  | 0.46   | cps   |
| Thallium   | 205-1 | 9661406  | 9741157  | 9742602  | 9715055  | 0.48   | cps   |
| Thorium    | 232-1 | 16446643 | 16530234 | 16581593 | 16519490 | 0.41   | cps   |
| Tin        | 118-1 | 2898955  | 2923375  | 2921625  | 2914651  | 0.47   | cps   |
| Titanium   | 47-1  | 2566936  | 2580905  | 2550827  | 2566222  | 0.59   | cps   |
| Uranium    | 238-1 | 15966468 | 16287050 | 16302549 | 16185356 | 1.17   | cps   |
| Vanadium   | 51-2  | 911776   | 911170   | 922679   | 915209   | 0.71   | cps   |
| Yttrium    | 89-1  | 6962518  | 6804874  | 6860117  | 6875836  | 1.16   | cps   |
| Yttrium    | 89-2  | 1150956  | 1145182  | 1071111  | 1122416  | 3.97   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB103076            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV19               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV19               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2019-05-29 15:15:55 | DataFile Name :   | 043CCV.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zinc      | 66-2 | 406334  | 405629  | 406359  | 406107  | 0.10   | cps   |
| Zirconium | 90-1 | 6289946 | 6319375 | 6220743 | 6276688 | 0.81   | cps   |
| Zirconium | 91-1 | 1363479 | 1378408 | 1362137 | 1368008 | 0.66   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB19               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB19               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 15:19:33 | DataFile Name :   | 044CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3     | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|----------|---------|--------|-------|
| Aluminium  | 27-2  | 592     | 592     | 533      | 572     | 5.89   | cps   |
| Antimony   | 121-1 | 2750    | 2909    | 3384     | 3014    | 10.94  | cps   |
| Arsenic    | 75-2  | 13      | 28      | 20       | 20      | 36.38  | cps   |
| Barium     | 135-1 | 542     | 433     | 542      | 506     | 12.37  | cps   |
| Barium     | 137-1 | 1008    | 808     | 700      | 839     | 18.65  | cps   |
| Beryllium  | 9-1   | 280     | 310     | 300      | 297     | 5.15   | cps   |
| Bismuth    | 209-1 | 6931613 | 6986216 | 6945963  | 6954597 | 0.41   | cps   |
| Bismuth    | 209-2 | 4566976 | 4631446 | 4659154  | 4619192 | 1.02   | cps   |
| Boron      | 10-1  | 5059    | 4459    | 3859     | 4459    | 13.46  | cps   |
| Boron      | 11-1  | 20932   | 20540   | 18036    | 19836   | 7.92   | cps   |
| Cadmium    | 111-1 | 2198    | 2362    | 2532     | 2364    | 7.06   | cps   |
| Cadmium    | 106-1 | 2992    | 3192    | 3451     | 3212    | 7.16   | cps   |
| Cadmium    | 108-1 | 25      | 8       | 13       | 15      | 56.79  | cps   |
| Calcium    | 43-1  | 500     | 642     | 475      | 539     | 16.68  | cps   |
| Calcium    | 44-1  | 15184   | 13665   | 13690    | 14180   | 6.13   | cps   |
| Chromium   | 52-2  | 587     | 573     | 697      | 619     | 10.94  | cps   |
| Cobalt     | 59-2  | 187     | 180     | 180      | 182     | 2.11   | cps   |
| Copper     | 63-2  | 603     | 590     | 597      | 597     | 1.12   | cps   |
| Dysprosium | 156-1 | 8       | 25      | 25       | 19      | 49.50  | cps   |
| Dysprosium | 156-2 | 13      | 17      | 17       | 16      | 12.40  | cps   |
| Erbium     | 164-1 | 50      | 25      | 25       | 33      | 43.30  | cps   |
| Erbium     | 164-2 | 7       | 20      | 20       | 16      | 49.47  | cps   |
| Gadolinium | 160-1 | 33      | 33      | 58       | 42      | 34.65  | cps   |
| Gadolinium | 160-2 | 190     | 213     | 190      | 198     | 6.81   | cps   |
| Holmium    | 165-1 | 9966608 | 9962342 | 10025977 | 9984975 | 0.36   | cps   |
| Holmium    | 165-2 | 6012278 | 6035842 | 6046748  | 6031623 | 0.29   | cps   |
| Indium     | 115-1 | 7074546 | 7129438 | 7195813  | 7133266 | 0.85   | cps   |
| Indium     | 115-2 | 1678048 | 1694757 | 1708748  | 1693851 | 0.91   | cps   |
| Iron       | 56-2  | 29196   | 28356   | 27320    | 28291   | 3.32   | cps   |
| Iron       | 57-2  | 767     | 783     | 728      | 759     | 3.75   | cps   |
| Krypton    | 83-1  | 260     | 237     | 230      | 242     | 6.50   | cps   |
| Lead       | 206-1 | 906     | 728     | 895      | 843     | 11.82  | cps   |
| Lead       | 207-1 | 756     | 783     | 667      | 735     | 8.29   | cps   |
| Lead       | 208-1 | 3667    | 3306    | 3322     | 3432    | 5.94   | cps   |
| Lithium    | 6-1   | 2748290 | 2777082 | 2756271  | 2760548 | 0.54   | cps   |
| Magnesium  | 24-2  | 3175    | 2942    | 2792     | 2970    | 6.51   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB19               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB19               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 15:19:33 | DataFile Name :   | 044CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 210      | 203      | 180      | 198      | 7.97   | cps   |
| Molybdenum | 94-1  | 1917     | 1633     | 1550     | 1700     | 11.31  | cps   |
| Molybdenum | 95-1  | 2384     | 2025     | 2059     | 2156     | 9.19   | cps   |
| Molybdenum | 96-1  | 2717     | 2242     | 2050     | 2336     | 14.69  | cps   |
| Molybdenum | 97-1  | 1592     | 1267     | 1233     | 1364     | 14.52  | cps   |
| Molybdenum | 98-1  | 3726     | 3276     | 3109     | 3370     | 9.47   | cps   |
| Neodymium  | 150-1 | 13       | 40       | 20       | 24       | 56.78  | cps   |
| Neodymium  | 150-2 | 10       | 13       | 10       | 11       | 17.30  | cps   |
| Nickel     | 60-2  | 83       | 107      | 100      | 97       | 12.44  | cps   |
| Phosphorus | 31-2  | 92       | 125      | 83       | 100      | 22.05  | cps   |
| Potassium  | 39-2  | 19255    | 18779    | 18662    | 18899    | 1.66   | cps   |
| Rhodium    | 103-1 | 6365026  | 6470694  | 6436709  | 6424143  | 0.84   | cps   |
| Rhodium    | 103-2 | 3256715  | 3280487  | 3303322  | 3280175  | 0.71   | cps   |
| Scandium   | 45-1  | 4778815  | 4871695  | 4842980  | 4831164  | 0.98   | cps   |
| Scandium   | 45-2  | 231059   | 231787   | 232066   | 231638   | 0.22   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 43       | 63       | 44       | 50       | 22.53  | cps   |
| Selenium   | 82-1  | 169      | 231      | 237      | 212      | 17.79  | cps   |
| Silicon    | 28-1  | 175677   | 177467   | 177414   | 176853   | 0.58   | cps   |
| Silver     | 109-1 | 633      | 475      | 517      | 542      | 15.15  | cps   |
| Silver     | 107-1 | 783      | 642      | 442      | 622      | 27.59  | cps   |
| Sodium     | 23-2  | 23260    | 23269    | 20865    | 22465    | 6.17   | cps   |
| Strontium  | 86-1  | 742      | 550      | 567      | 619      | 17.14  | cps   |
| Strontium  | 88-1  | 1300     | 958      | 1050     | 1103     | 16.04  | cps   |
| Sulfur     | 34-1  | 286777   | 289309   | 290775   | 288954   | 0.70   | cps   |
| Terbium    | 159-1 | 10261636 | 10403982 | 10215857 | 10293825 | 0.95   | cps   |
| Terbium    | 159-2 | 5956118  | 5954166  | 5974922  | 5961735  | 0.19   | cps   |
| Thallium   | 203-1 | 1075     | 925      | 842      | 947      | 12.48  | cps   |
| Thallium   | 205-1 | 2742     | 2475     | 2384     | 2534     | 7.35   | cps   |
| Thorium    | 232-1 | 2423     | 2461     | 2206     | 2363     | 5.83   | cps   |
| Tin        | 118-1 | 1292     | 1158     | 1017     | 1156     | 11.90  | cps   |
| Titanium   | 47-1  | 483      | 417      | 325      | 408      | 19.47  | cps   |
| Uranium    | 238-1 | 1567     | 1183     | 1200     | 1317     | 16.46  | cps   |
| Vanadium   | 51-2  | 87       | 77       | 57       | 73       | 20.83  | cps   |
| Yttrium    | 89-1  | 7468798  | 7575241  | 7576869  | 7540303  | 0.82   | cps   |
| Yttrium    | 89-2  | 1266325  | 1270607  | 1273383  | 1270105  | 0.28   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB19               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB19               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 15:19:33 | DataFile Name :   | 044CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zinc      | 66-2 | 303  | 400  | 360  | 354     | 13.70  | cps   |
| Zirconium | 90-1 | 1567 | 1208 | 1167 | 1314    | 16.74  | cps   |
| Zirconium | 91-1 | 308  | 267  | 225  | 267     | 15.63  | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2966-03            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-15(1.2-1.7)    | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 15:23:09 | DataFile Name :   | 045SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 8558093   | 8498708   | 8408074   | 8488292   | 0.89   | cps   |
| Antimony   | 121-1 | 850       | 1008      | 1000      | 953       | 9.35   | cps   |
| Arsenic    | 75-2  | 2506      | 2367      | 2363      | 2412      | 3.37   | cps   |
| Barium     | 135-1 | 4912197   | 4921364   | 4900805   | 4911455   | 0.21   | cps   |
| Barium     | 137-1 | 8732727   | 8703598   | 8746423   | 8727583   | 0.25   | cps   |
| Beryllium  | 9-1   | 12829     | 12786     | 12425     | 12680     | 1.75   | cps   |
| Bismuth    | 209-1 | 6728237   | 6755871   | 6796186   | 6760098   | 0.51   | cps   |
| Bismuth    | 209-2 | 4511429   | 4489918   | 4519468   | 4506938   | 0.34   | cps   |
| Boron      | 10-1  | 3784      | 3876      | 3809      | 3823      | 1.24   | cps   |
| Boron      | 11-1  | 16952     | 16676     | 16968     | 16866     | 0.97   | cps   |
| Cadmium    | 111-1 | 4027      | 4040      | 3946      | 4004      | 1.28   | cps   |
| Cadmium    | 106-1 | 6202      | 6260      | 6010      | 6157      | 2.12   | cps   |
| Cadmium    | 108-1 | 633       | 708       | 629       | 657       | 6.78   | cps   |
| Calcium    | 43-1  | 365111    | 364426    | 356912    | 362150    | 1.26   | cps   |
| Calcium    | 44-1  | 5921128   | 5952049   | 5903163   | 5925447   | 0.42   | cps   |
| Chromium   | 52-2  | 516426    | 511298    | 508486    | 512070    | 0.79   | cps   |
| Cobalt     | 59-2  | 88555     | 87328     | 87489     | 87790     | 0.76   | cps   |
| Copper     | 63-2  | 64873     | 64003     | 63889     | 64255     | 0.84   | cps   |
| Dysprosium | 156-1 | 312473    | 316238    | 314841    | 314518    | 0.61   | cps   |
| Dysprosium | 156-2 | 186010    | 185625    | 186566    | 186067    | 0.25   | cps   |
| Erbium     | 164-1 | 268268    | 265907    | 271808    | 268661    | 1.11   | cps   |
| Erbium     | 164-2 | 158313    | 160050    | 157821    | 158728    | 0.74   | cps   |
| Gadolinium | 160-1 | 288485    | 289317    | 293023    | 290275    | 0.83   | cps   |
| Gadolinium | 160-2 | 188608    | 187681    | 188756    | 188349    | 0.31   | cps   |
| Holmium    | 165-1 | 10246051  | 10291419  | 10310184  | 10282551  | 0.32   | cps   |
| Holmium    | 165-2 | 6218218   | 6160241   | 6119774   | 6166078   | 0.80   | cps   |
| Indium     | 115-1 | 7053118   | 7079388   | 7042924   | 7058477   | 0.27   | cps   |
| Indium     | 115-2 | 1655050   | 1655503   | 1654259   | 1654937   | 0.04   | cps   |
| Iron       | 56-2  | 127076645 | 126152144 | 125522875 | 126250555 | 0.62   | cps   |
| Iron       | 57-2  | 3135561   | 3109216   | 3104865   | 3116548   | 0.53   | cps   |
| Krypton    | 83-1  | 500       | 623       | 663       | 596       | 14.30  | cps   |
| Lead       | 206-1 | 474452    | 473804    | 484073    | 477443    | 1.20   | cps   |
| Lead       | 207-1 | 400024    | 394287    | 398067    | 397459    | 0.73   | cps   |
| Lead       | 208-1 | 1868550   | 1863423   | 1871482   | 1867819   | 0.22   | cps   |
| Lithium    | 6-1   | 2813386   | 2825080   | 2808092   | 2815519   | 0.31   | cps   |
| Magnesium  | 24-2  | 2670758   | 2640856   | 2636523   | 2649379   | 0.70   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2966-03            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-15(1.2-1.7)    | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 15:23:09 | DataFile Name :   | 045SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 765307   | 755684   | 758632   | 759874   | 0.65   | cps   |
| Molybdenum | 94-1  | 179149   | 179125   | 178031   | 178768   | 0.36   | cps   |
| Molybdenum | 95-1  | 2850     | 2934     | 2900     | 2895     | 1.45   | cps   |
| Molybdenum | 96-1  | 33883    | 33181    | 34359    | 33808    | 1.75   | cps   |
| Molybdenum | 97-1  | 1875     | 1925     | 1775     | 1859     | 4.11   | cps   |
| Molybdenum | 98-1  | 4826     | 4693     | 4684     | 4734     | 1.68   | cps   |
| Neodymium  | 150-1 | 439847   | 442870   | 443332   | 442016   | 0.43   | cps   |
| Neodymium  | 150-2 | 209486   | 208905   | 206773   | 208388   | 0.69   | cps   |
| Nickel     | 60-2  | 66574    | 66115    | 65292    | 65993    | 0.98   | cps   |
| Phosphorus | 31-2  | 1734     | 1667     | 1492     | 1631     | 7.66   | cps   |
| Potassium  | 39-2  | 377078   | 376953   | 372565   | 375532   | 0.68   | cps   |
| Rhodium    | 103-1 | 6264672  | 6230695  | 6297065  | 6264144  | 0.53   | cps   |
| Rhodium    | 103-2 | 3164659  | 3176249  | 3177562  | 3172823  | 0.22   | cps   |
| Scandium   | 45-1  | 5729855  | 5761170  | 5725048  | 5738691  | 0.34   | cps   |
| Scandium   | 45-2  | 269851   | 265809   | 267716   | 267792   | 0.76   | cps   |
| Selenium   | 77-2  | 637      | 697      | 550      | 628      | 11.75  | cps   |
| Selenium   | 78-2  | 561      | 519      | 465      | 515      | 9.37   | cps   |
| Selenium   | 82-1  | 1102     | 980      | 968      | 1017     | 7.28   | cps   |
| Silicon    | 28-1  | 91232052 | 91794173 | 91118717 | 91381647 | 0.40   | cps   |
| Silver     | 109-1 | 2275     | 2034     | 2200     | 2170     | 5.70   | cps   |
| Silver     | 107-1 | 2742     | 2925     | 2775     | 2814     | 3.47   | cps   |
| Sodium     | 23-2  | 363071   | 357079   | 354547   | 358232   | 1.22   | cps   |
| Strontium  | 86-1  | 259650   | 261683   | 259462   | 260265   | 0.47   | cps   |
| Strontium  | 88-1  | 2282520  | 2289543  | 2280246  | 2284103  | 0.21   | cps   |
| Sulfur     | 34-1  | 283094   | 278110   | 268562   | 276589   | 2.67   | cps   |
| Terbium    | 159-1 | 10568935 | 10548746 | 10587644 | 10568442 | 0.18   | cps   |
| Terbium    | 159-2 | 6131580  | 6083283  | 6104804  | 6106556  | 0.40   | cps   |
| Thallium   | 203-1 | 4593     | 4501     | 4634     | 4576     | 1.49   | cps   |
| Thallium   | 205-1 | 10696    | 10563    | 11013    | 10758    | 2.15   | cps   |
| Thorium    | 232-1 | 1439400  | 1450417  | 1451106  | 1446974  | 0.45   | cps   |
| Tin        | 118-1 | 1225     | 1383     | 1100     | 1236     | 11.49  | cps   |
| Titanium   | 47-1  | 142534   | 143339   | 143323   | 143066   | 0.32   | cps   |
| Uranium    | 238-1 | 519509   | 518815   | 522793   | 520372   | 0.41   | cps   |
| Vanadium   | 51-2  | 313609   | 312933   | 310076   | 312206   | 0.60   | cps   |
| Yttrium    | 89-1  | 10952257 | 10971857 | 11001524 | 10975212 | 0.23   | cps   |
| Yttrium    | 89-2  | 1826205  | 1819348  | 1819015  | 1821522  | 0.22   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2966-03            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-15(1.2-1.7)    | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 15:23:09 | DataFile Name :   | 045SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zinc      | 66-2 | 81928  | 81543  | 81352  | 81607   | 0.36   | cps   |
| Zirconium | 90-1 | 475050 | 478756 | 478040 | 477282  | 0.41   | cps   |
| Zirconium | 91-1 | 107493 | 108275 | 106880 | 107549  | 0.65   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2966-04            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-16(2.4-2.9)    | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 15:26:47 | DataFile Name :   | 046SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 9719162   | 9696077   | 9705974   | 9707071   | 0.12   | cps   |
| Antimony   | 121-1 | 742       | 658       | 742       | 714       | 6.74   | cps   |
| Arsenic    | 75-2  | 6809      | 6642      | 6816      | 6756      | 1.46   | cps   |
| Barium     | 135-1 | 1447866   | 1437662   | 1427904   | 1437811   | 0.69   | cps   |
| Barium     | 137-1 | 2487528   | 2456959   | 2467184   | 2470557   | 0.63   | cps   |
| Beryllium  | 9-1   | 7479      | 7535      | 7512      | 7509      | 0.38   | cps   |
| Bismuth    | 209-1 | 6496646   | 6441767   | 6484939   | 6474451   | 0.45   | cps   |
| Bismuth    | 209-2 | 4322339   | 4357783   | 4397574   | 4359232   | 0.86   | cps   |
| Boron      | 10-1  | 3292      | 3200      | 3050      | 3181      | 3.84   | cps   |
| Boron      | 11-1  | 15000     | 14366     | 14257     | 14541     | 2.76   | cps   |
| Cadmium    | 111-1 | 4107      | 4300      | 3914      | 4107      | 4.70   | cps   |
| Cadmium    | 106-1 | 6552      | 7002      | 6385      | 6646      | 4.80   | cps   |
| Cadmium    | 108-1 | 971       | 1121      | 1038      | 1043      | 7.21   | cps   |
| Calcium    | 43-1  | 268562    | 265085    | 267571    | 267072    | 0.67   | cps   |
| Calcium    | 44-1  | 4425287   | 4316763   | 4354204   | 4365418   | 1.26   | cps   |
| Chromium   | 52-2  | 637487    | 642003    | 643931    | 641140    | 0.52   | cps   |
| Cobalt     | 59-2  | 182536    | 183228    | 183655    | 183140    | 0.31   | cps   |
| Copper     | 63-2  | 146110    | 147107    | 145064    | 146093    | 0.70   | cps   |
| Dysprosium | 156-1 | 269015    | 264385    | 265911    | 266437    | 0.89   | cps   |
| Dysprosium | 156-2 | 156871    | 158778    | 159472    | 158374    | 0.85   | cps   |
| Erbium     | 164-1 | 203886    | 204155    | 202606    | 203549    | 0.41   | cps   |
| Erbium     | 164-2 | 120324    | 120945    | 120838    | 120702    | 0.28   | cps   |
| Gadolinium | 160-1 | 243558    | 238038    | 242602    | 241399    | 1.22   | cps   |
| Gadolinium | 160-2 | 156552    | 157887    | 156659    | 157032    | 0.47   | cps   |
| Holmium    | 165-1 | 9949009   | 9967075   | 10001237  | 9972441   | 0.27   | cps   |
| Holmium    | 165-2 | 6051556   | 6066380   | 6110148   | 6076028   | 0.50   | cps   |
| Indium     | 115-1 | 6809615   | 6786134   | 6805811   | 6800520   | 0.19   | cps   |
| Indium     | 115-2 | 1619635   | 1621274   | 1643931   | 1628280   | 0.83   | cps   |
| Iron       | 56-2  | 494542389 | 494348155 | 495570789 | 494820444 | 0.13   | cps   |
| Iron       | 57-2  | 12281958  | 12382259  | 12355733  | 12339983  | 0.42   | cps   |
| Krypton    | 83-1  | 500       | 597       | 517       | 538       | 9.61   | cps   |
| Lead       | 206-1 | 589050    | 579256    | 581293    | 583200    | 0.89   | cps   |
| Lead       | 207-1 | 492497    | 485573    | 489347    | 489139    | 0.71   | cps   |
| Lead       | 208-1 | 2313265   | 2282129   | 2295268   | 2296887   | 0.68   | cps   |
| Lithium    | 6-1   | 2813346   | 2773403   | 2798176   | 2794975   | 0.72   | cps   |
| Magnesium  | 24-2  | 4736685   | 4737328   | 4737205   | 4737073   | 0.01   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2966-04            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-16(2.4-2.9)    | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 15:26:47 | DataFile Name :   | 046SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 553215   | 552721   | 554531   | 553489   | 0.17   | cps   |
| Molybdenum | 94-1  | 277875   | 275806   | 275082   | 276254   | 0.52   | cps   |
| Molybdenum | 95-1  | 5368     | 4784     | 4926     | 5026     | 6.06   | cps   |
| Molybdenum | 96-1  | 55684    | 54463    | 54882    | 55010    | 1.13   | cps   |
| Molybdenum | 97-1  | 2900     | 3542     | 3292     | 3245     | 9.97   | cps   |
| Molybdenum | 98-1  | 8253     | 7819     | 7953     | 8008     | 2.77   | cps   |
| Neodymium  | 150-1 | 408860   | 403649   | 404194   | 405568   | 0.71   | cps   |
| Neodymium  | 150-2 | 190788   | 191938   | 191800   | 191509   | 0.33   | cps   |
| Nickel     | 60-2  | 78670    | 78690    | 78810    | 78723    | 0.10   | cps   |
| Phosphorus | 31-2  | 2159     | 2425     | 2425     | 2336     | 6.59   | cps   |
| Potassium  | 39-2  | 245396   | 241619   | 244042   | 243686   | 0.79   | cps   |
| Rhodium    | 103-1 | 6082929  | 5987246  | 6010630  | 6026935  | 0.83   | cps   |
| Rhodium    | 103-2 | 3094062  | 3114591  | 3122960  | 3110538  | 0.48   | cps   |
| Scandium   | 45-1  | 5683804  | 5589671  | 5623555  | 5632343  | 0.85   | cps   |
| Scandium   | 45-2  | 270024   | 272460   | 271535   | 271340   | 0.45   | cps   |
| Selenium   | 77-2  | 497      | 583      | 637      | 572      | 12.35  | cps   |
| Selenium   | 78-2  | 450      | 483      | 469      | 467      | 3.57   | cps   |
| Selenium   | 82-1  | 964      | 892      | 960      | 939      | 4.32   | cps   |
| Silicon    | 28-1  | 81446604 | 80304635 | 80744079 | 80831773 | 0.71   | cps   |
| Silver     | 109-1 | 975      | 975      | 1083     | 1011     | 6.19   | cps   |
| Silver     | 107-1 | 2017     | 1767     | 1750     | 1845     | 8.10   | cps   |
| Sodium     | 23-2  | 469118   | 469837   | 470583   | 469846   | 0.16   | cps   |
| Strontium  | 86-1  | 160470   | 161867   | 161743   | 161360   | 0.48   | cps   |
| Strontium  | 88-1  | 1409510  | 1390315  | 1403656  | 1401160  | 0.70   | cps   |
| Sulfur     | 34-1  | 216905   | 217201   | 215164   | 216424   | 0.51   | cps   |
| Terbium    | 159-1 | 10269607 | 10190356 | 10202464 | 10220809 | 0.42   | cps   |
| Terbium    | 159-2 | 5937276  | 5991192  | 6029076  | 5985848  | 0.77   | cps   |
| Thallium   | 203-1 | 7386     | 7211     | 6835     | 7144     | 3.94   | cps   |
| Thallium   | 205-1 | 17012    | 16552    | 15977    | 16514    | 3.14   | cps   |
| Thorium    | 232-1 | 1518781  | 1486510  | 1490630  | 1498641  | 1.17   | cps   |
| Tin        | 118-1 | 1233     | 1242     | 1383     | 1286     | 6.56   | cps   |
| Titanium   | 47-1  | 304407   | 297661   | 298157   | 300075   | 1.25   | cps   |
| Uranium    | 238-1 | 576518   | 565246   | 566347   | 569370   | 1.09   | cps   |
| Vanadium   | 51-2  | 894919   | 895534   | 890723   | 893726   | 0.29   | cps   |
| Yttrium    | 89-1  | 9943239  | 9875913  | 9939732  | 9919628  | 0.38   | cps   |
| Yttrium    | 89-2  | 1681428  | 1688112  | 1690617  | 1686719  | 0.28   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2966-04            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-16(2.4-2.9)    | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 15:26:47 | DataFile Name :   | 046SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zinc      | 66-2 | 85747  | 85743  | 86538  | 86009   | 0.53   | cps   |
| Zirconium | 90-1 | 735865 | 735848 | 739864 | 737192  | 0.31   | cps   |
| Zirconium | 91-1 | 167658 | 165092 | 165344 | 166031  | 0.85   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2966-05            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-17(1.9-2.4)    | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 15:30:25 | DataFile Name :   | 047SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 12291299  | 12423045  | 12454910  | 12389751  | 0.70   | cps   |
| Antimony   | 121-1 | 583       | 775       | 683       | 681       | 14.09  | cps   |
| Arsenic    | 75-2  | 5277      | 5449      | 5079      | 5268      | 3.52   | cps   |
| Barium     | 135-1 | 4050319   | 4014284   | 4073144   | 4045916   | 0.73   | cps   |
| Barium     | 137-1 | 7193797   | 7143510   | 7139580   | 7158962   | 0.42   | cps   |
| Beryllium  | 9-1   | 18164     | 18482     | 18562     | 18402     | 1.14   | cps   |
| Bismuth    | 209-1 | 6493749   | 6524387   | 6520893   | 6513010   | 0.26   | cps   |
| Bismuth    | 209-2 | 4322155   | 4331585   | 4338117   | 4330619   | 0.19   | cps   |
| Boron      | 10-1  | 4309      | 4301      | 4442      | 4351      | 1.83   | cps   |
| Boron      | 11-1  | 19171     | 18487     | 19438     | 19032     | 2.58   | cps   |
| Cadmium    | 111-1 | 6260      | 6163      | 6030      | 6151      | 1.88   | cps   |
| Cadmium    | 106-1 | 9087      | 8903      | 8453      | 8814      | 3.70   | cps   |
| Cadmium    | 108-1 | 1429      | 1504      | 1363      | 1432      | 4.95   | cps   |
| Calcium    | 43-1  | 411841    | 414434    | 411666    | 412647    | 0.38   | cps   |
| Calcium    | 44-1  | 6760221   | 6735229   | 6764593   | 6753348   | 0.23   | cps   |
| Chromium   | 52-2  | 917237    | 916242    | 917473    | 916984    | 0.07   | cps   |
| Cobalt     | 59-2  | 251943    | 252983    | 254118    | 253015    | 0.43   | cps   |
| Copper     | 63-2  | 256262    | 257024    | 255967    | 256418    | 0.21   | cps   |
| Dysprosium | 156-1 | 412699    | 413972    | 411176    | 412616    | 0.34   | cps   |
| Dysprosium | 156-2 | 245803    | 245438    | 246843    | 246028    | 0.30   | cps   |
| Erbium     | 164-1 | 367830    | 372917    | 373514    | 371420    | 0.84   | cps   |
| Erbium     | 164-2 | 219554    | 216912    | 218409    | 218292    | 0.61   | cps   |
| Gadolinium | 160-1 | 380918    | 379419    | 383502    | 381280    | 0.54   | cps   |
| Gadolinium | 160-2 | 245495    | 247719    | 244512    | 245908    | 0.67   | cps   |
| Holmium    | 165-1 | 10060816  | 10029032  | 10149039  | 10079629  | 0.62   | cps   |
| Holmium    | 165-2 | 6101541   | 6082346   | 6098099   | 6093996   | 0.17   | cps   |
| Indium     | 115-1 | 6819719   | 6812599   | 6813625   | 6815315   | 0.06   | cps   |
| Indium     | 115-2 | 1608243   | 1614721   | 1612898   | 1611954   | 0.21   | cps   |
| Iron       | 56-2  | 403902231 | 402498009 | 405579676 | 403993305 | 0.38   | cps   |
| Iron       | 57-2  | 10117710  | 10036470  | 10084994  | 10079725  | 0.41   | cps   |
| Krypton    | 83-1  | 723       | 687       | 780       | 730       | 6.44   | cps   |
| Lead       | 206-1 | 1030055   | 1038098   | 1034757   | 1034304   | 0.39   | cps   |
| Lead       | 207-1 | 873529    | 872782    | 866020    | 870777    | 0.48   | cps   |
| Lead       | 208-1 | 4072135   | 4054287   | 4050764   | 4059062   | 0.28   | cps   |
| Lithium    | 6-1   | 2808660   | 2813430   | 2800466   | 2807519   | 0.23   | cps   |
| Magnesium  | 24-2  | 4104580   | 4225366   | 4213402   | 4181116   | 1.59   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2966-05            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-17(1.9-2.4)    | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 15:30:25 | DataFile Name :   | 047SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 877816   | 869377   | 878197   | 875130   | 0.57   | cps   |
| Molybdenum | 94-1  | 383884   | 381671   | 377925   | 381160   | 0.79   | cps   |
| Molybdenum | 95-1  | 4584     | 4634     | 4684     | 4634     | 1.08   | cps   |
| Molybdenum | 96-1  | 71530    | 73507    | 70039    | 71692    | 2.43   | cps   |
| Molybdenum | 97-1  | 2867     | 2834     | 2884     | 2862     | 0.89   | cps   |
| Molybdenum | 98-1  | 6985     | 6785     | 7194     | 6988     | 2.92   | cps   |
| Neodymium  | 150-1 | 575962   | 571719   | 571200   | 572960   | 0.46   | cps   |
| Neodymium  | 150-2 | 269214   | 270949   | 271936   | 270700   | 0.51   | cps   |
| Nickel     | 60-2  | 114536   | 114217   | 113310   | 114021   | 0.56   | cps   |
| Phosphorus | 31-2  | 5409     | 5643     | 5526     | 5526     | 2.11   | cps   |
| Potassium  | 39-2  | 339351   | 335083   | 336470   | 336968   | 0.65   | cps   |
| Rhodium    | 103-1 | 5987260  | 5991280  | 6003014  | 5993852  | 0.14   | cps   |
| Rhodium    | 103-2 | 3065411  | 3058038  | 3070480  | 3064643  | 0.20   | cps   |
| Scandium   | 45-1  | 5926399  | 5908567  | 5960064  | 5931676  | 0.44   | cps   |
| Scandium   | 45-2  | 280040   | 279611   | 281070   | 280240   | 0.27   | cps   |
| Selenium   | 77-2  | 753      | 787      | 703      | 748      | 5.61   | cps   |
| Selenium   | 78-2  | 661      | 652      | 676      | 663      | 1.83   | cps   |
| Selenium   | 82-1  | 1584     | 1393     | 1471     | 1482     | 6.50   | cps   |
| Silicon    | 28-1  | 75120402 | 74703735 | 74901827 | 74908654 | 0.28   | cps   |
| Silver     | 109-1 | 3567     | 3301     | 3259     | 3376     | 4.96   | cps   |
| Silver     | 107-1 | 4559     | 4293     | 4918     | 4590     | 6.84   | cps   |
| Sodium     | 23-2  | 391935   | 393496   | 392623   | 392684   | 0.20   | cps   |
| Strontium  | 86-1  | 262210   | 260453   | 260674   | 261112   | 0.37   | cps   |
| Strontium  | 88-1  | 2291487  | 2285303  | 2299967  | 2292252  | 0.32   | cps   |
| Sulfur     | 34-1  | 229391   | 226446   | 225243   | 227027   | 0.94   | cps   |
| Terbium    | 159-1 | 10330814 | 10402481 | 10367788 | 10367028 | 0.35   | cps   |
| Terbium    | 159-2 | 6019309  | 6026575  | 6010703  | 6018862  | 0.13   | cps   |
| Thallium   | 203-1 | 11630    | 11872    | 11447    | 11650    | 1.83   | cps   |
| Thallium   | 205-1 | 27254    | 27972    | 29593    | 28273    | 4.24   | cps   |
| Thorium    | 232-1 | 1728855  | 1730313  | 1725317  | 1728161  | 0.15   | cps   |
| Tin        | 118-1 | 1442     | 1550     | 1350     | 1447     | 6.92   | cps   |
| Titanium   | 47-1  | 354452   | 354781   | 354607   | 354613   | 0.05   | cps   |
| Uranium    | 238-1 | 763424   | 757487   | 756026   | 758979   | 0.52   | cps   |
| Vanadium   | 51-2  | 1538915  | 1545474  | 1538921  | 1541103  | 0.25   | cps   |
| Yttrium    | 89-1  | 12107968 | 12170815 | 12141801 | 12140195 | 0.26   | cps   |
| Yttrium    | 89-2  | 2015422  | 2026192  | 2032808  | 2024807  | 0.43   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2966-05            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-17(1.9-2.4)    | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 15:30:25 | DataFile Name :   | 047SMPL.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zinc      | 66-2 | 168092  | 169949  | 170158  | 169400  | 0.67   | cps   |
| Zirconium | 90-1 | 1025413 | 1026069 | 1017242 | 1022908 | 0.48   | cps   |
| Zirconium | 91-1 | 230206  | 229138  | 227456  | 228933  | 0.61   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2966-06            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-18(2.5-3.0)    | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 15:34:03 | DataFile Name :   | 048SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 8951704   | 8917109   | 9032278   | 8967030   | 0.66   | cps   |
| Antimony   | 121-1 | 13540     | 13349     | 13315     | 13401     | 0.91   | cps   |
| Arsenic    | 75-2  | 21777     | 21186     | 21544     | 21502     | 1.39   | cps   |
| Barium     | 135-1 | 2523954   | 2506995   | 2483682   | 2504877   | 0.81   | cps   |
| Barium     | 137-1 | 4354302   | 4362853   | 4289464   | 4335540   | 0.93   | cps   |
| Beryllium  | 9-1   | 11625     | 11755     | 11565     | 11648     | 0.83   | cps   |
| Bismuth    | 209-1 | 6998545   | 6969091   | 6939023   | 6968887   | 0.43   | cps   |
| Bismuth    | 209-2 | 4539803   | 4654954   | 4543376   | 4579378   | 1.43   | cps   |
| Boron      | 10-1  | 6768      | 6702      | 6802      | 6757      | 0.75   | cps   |
| Boron      | 11-1  | 29187     | 28294     | 30072     | 29185     | 3.05   | cps   |
| Cadmium    | 111-1 | 18091     | 17519     | 17659     | 17756     | 1.68   | cps   |
| Cadmium    | 106-1 | 9337      | 9412      | 9070      | 9273      | 1.94   | cps   |
| Cadmium    | 108-1 | 2388      | 2513      | 2346      | 2416      | 3.59   | cps   |
| Calcium    | 43-1  | 492126    | 491492    | 485190    | 489602    | 0.78   | cps   |
| Calcium    | 44-1  | 8059229   | 8053332   | 8004012   | 8038858   | 0.38   | cps   |
| Chromium   | 52-2  | 1331935   | 1324056   | 1334999   | 1330330   | 0.42   | cps   |
| Cobalt     | 59-2  | 457903    | 454737    | 457855    | 456832    | 0.40   | cps   |
| Copper     | 63-2  | 2506064   | 2500234   | 2511363   | 2505887   | 0.22   | cps   |
| Dysprosium | 156-1 | 246246    | 245010    | 240416    | 243891    | 1.26   | cps   |
| Dysprosium | 156-2 | 141351    | 141712    | 142402    | 141822    | 0.38   | cps   |
| Erbium     | 164-1 | 235223    | 231814    | 229500    | 232179    | 1.24   | cps   |
| Erbium     | 164-2 | 133924    | 132107    | 133712    | 133248    | 0.75   | cps   |
| Gadolinium | 160-1 | 231598    | 229053    | 225972    | 228874    | 1.23   | cps   |
| Gadolinium | 160-2 | 144299    | 144300    | 145057    | 144552    | 0.30   | cps   |
| Holmium    | 165-1 | 10689447  | 10623119  | 10527943  | 10613503  | 0.76   | cps   |
| Holmium    | 165-2 | 6255325   | 6456267   | 6232436   | 6314676   | 1.95   | cps   |
| Indium     | 115-1 | 7291432   | 7205241   | 7149100   | 7215258   | 0.99   | cps   |
| Indium     | 115-2 | 1672061   | 1737242   | 1676297   | 1695200   | 2.15   | cps   |
| Iron       | 56-2  | 491831933 | 489270733 | 491119100 | 490740589 | 0.27   | cps   |
| Iron       | 57-2  | 12295558  | 12182284  | 12232833  | 12236892  | 0.46   | cps   |
| Krypton    | 83-1  | 640       | 537       | 567       | 581       | 9.15   | cps   |
| Lead       | 206-1 | 35095266  | 34754446  | 34656388  | 34835367  | 0.66   | cps   |
| Lead       | 207-1 | 30005119  | 29341754  | 29579531  | 29642134  | 1.13   | cps   |
| Lead       | 208-1 | 138308225 | 136588163 | 136895679 | 137264022 | 0.67   | cps   |
| Lithium    | 6-1   | 2946086   | 2904569   | 2898824   | 2916493   | 0.88   | cps   |
| Magnesium  | 24-2  | 6847500   | 6841912   | 6871789   | 6853734   | 0.23   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2966-06            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-18(2.5-3.0)    | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 15:34:03 | DataFile Name :   | 048SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Manganese  | 55-2  | 5607110   | 5600135   | 5617668   | 5608304   | 0.16   | cps   |
| Molybdenum | 94-1  | 413483    | 413642    | 408928    | 412018    | 0.65   | cps   |
| Molybdenum | 95-1  | 22719     | 23804     | 23403     | 23309     | 2.35   | cps   |
| Molybdenum | 96-1  | 96492     | 97322     | 95635     | 96483     | 0.87   | cps   |
| Molybdenum | 97-1  | 14016     | 14658     | 14324     | 14333     | 2.24   | cps   |
| Molybdenum | 98-1  | 36506     | 38152     | 37751     | 37469     | 2.29   | cps   |
| Neodymium  | 150-1 | 324829    | 323642    | 318543    | 322338    | 1.04   | cps   |
| Neodymium  | 150-2 | 149479    | 148313    | 148863    | 148885    | 0.39   | cps   |
| Nickel     | 60-2  | 183873    | 183857    | 184977    | 184236    | 0.35   | cps   |
| Phosphorus | 31-2  | 31117     | 30774     | 31526     | 31139     | 1.21   | cps   |
| Potassium  | 39-2  | 710015    | 711380    | 713951    | 711782    | 0.28   | cps   |
| Rhodium    | 103-1 | 6455203   | 6393834   | 6384505   | 6411181   | 0.60   | cps   |
| Rhodium    | 103-2 | 3206932   | 3302510   | 3204091   | 3237844   | 1.73   | cps   |
| Scandium   | 45-1  | 5959783   | 5977799   | 5921011   | 5952864   | 0.49   | cps   |
| Scandium   | 45-2  | 275815    | 283180    | 275210    | 278068    | 1.60   | cps   |
| Selenium   | 77-2  | 473       | 527       | 493       | 498       | 5.41   | cps   |
| Selenium   | 78-2  | 478       | 515       | 489       | 494       | 3.85   | cps   |
| Selenium   | 82-1  | 1438      | 1453      | 1451      | 1447      | 0.56   | cps   |
| Silicon    | 28-1  | 118187082 | 117058232 | 117347961 | 117531092 | 0.50   | cps   |
| Silver     | 109-1 | 35838     | 35420     | 35295     | 35518     | 0.80   | cps   |
| Silver     | 107-1 | 37592     | 38587     | 37492     | 37891     | 1.60   | cps   |
| Sodium     | 23-2  | 546955    | 548677    | 550836    | 548823    | 0.35   | cps   |
| Strontium  | 86-1  | 326049    | 321374    | 321303    | 322909    | 0.84   | cps   |
| Strontium  | 88-1  | 2857274   | 2834874   | 2817240   | 2836463   | 0.71   | cps   |
| Sulfur     | 34-1  | 309915    | 309811    | 312577    | 310768    | 0.50   | cps   |
| Terbium    | 159-1 | 10959026  | 10969745  | 10781184  | 10903318  | 0.97   | cps   |
| Terbium    | 159-2 | 6175403   | 6348185   | 6149933   | 6224507   | 1.73   | cps   |
| Thallium   | 203-1 | 7711      | 6994      | 7527      | 7411      | 5.03   | cps   |
| Thallium   | 205-1 | 18572     | 17462     | 17562     | 17865     | 3.44   | cps   |
| Thorium    | 232-1 | 881249    | 870146    | 869534    | 873643    | 0.75   | cps   |
| Tin        | 118-1 | 62205     | 61251     | 61125     | 61527     | 0.96   | cps   |
| Titanium   | 47-1  | 2057587   | 2041744   | 2027879   | 2042404   | 0.73   | cps   |
| Uranium    | 238-1 | 358728    | 359217    | 360287    | 359410    | 0.22   | cps   |
| Vanadium   | 51-2  | 1065868   | 1068454   | 1074452   | 1069591   | 0.41   | cps   |
| Yttrium    | 89-1  | 10702477  | 10623873  | 10629915  | 10652088  | 0.41   | cps   |
| Yttrium    | 89-2  | 1760760   | 1803213   | 1768985   | 1777653   | 1.27   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2966-06            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-18(2.5-3.0)    | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 15:34:03 | DataFile Name :   | 048SMPL.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zinc      | 66-2 | 805582  | 812699  | 816884  | 811722  | 0.70   | cps   |
| Zirconium | 90-1 | 1080036 | 1074995 | 1081021 | 1078684 | 0.30   | cps   |
| Zirconium | 91-1 | 247259  | 243134  | 240629  | 243674  | 1.37   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2986-01            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-19(6.5-7)      | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 15:37:44 | DataFile Name :   | 049SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 12816379  | 12807421  | 12754666  | 12792822  | 0.26   | cps   |
| Antimony   | 121-1 | 325       | 350       | 392       | 356       | 9.47   | cps   |
| Arsenic    | 75-2  | 3789      | 3739      | 3699      | 3742      | 1.21   | cps   |
| Barium     | 135-1 | 8277781   | 8331745   | 8321944   | 8310490   | 0.35   | cps   |
| Barium     | 137-1 | 14490701  | 14468977  | 14556606  | 14505428  | 0.31   | cps   |
| Beryllium  | 9-1   | 30077     | 30017     | 30157     | 30083     | 0.23   | cps   |
| Bismuth    | 209-1 | 6319436   | 6314416   | 6468998   | 6367616   | 1.38   | cps   |
| Bismuth    | 209-2 | 4237964   | 4313011   | 4258404   | 4269793   | 0.91   | cps   |
| Boron      | 10-1  | 3626      | 4017      | 3534      | 3726      | 6.89   | cps   |
| Boron      | 11-1  | 15767     | 15717     | 15242     | 15575     | 1.86   | cps   |
| Cadmium    | 111-1 | 5813      | 6307      | 6237      | 6119      | 4.37   | cps   |
| Cadmium    | 106-1 | 9095      | 9762      | 9687      | 9515      | 3.84   | cps   |
| Cadmium    | 108-1 | 1475      | 1371      | 1450      | 1432      | 3.80   | cps   |
| Calcium    | 43-1  | 555830    | 552237    | 551971    | 553346    | 0.39   | cps   |
| Calcium    | 44-1  | 8998443   | 9052852   | 9121690   | 9057661   | 0.68   | cps   |
| Chromium   | 52-2  | 863608    | 872926    | 865687    | 867407    | 0.56   | cps   |
| Cobalt     | 59-2  | 257938    | 260945    | 258562    | 259149    | 0.61   | cps   |
| Copper     | 63-2  | 273959    | 277958    | 274216    | 275378    | 0.81   | cps   |
| Dysprosium | 156-1 | 612869    | 606148    | 615736    | 611585    | 0.80   | cps   |
| Dysprosium | 156-2 | 355848    | 366102    | 358984    | 360311    | 1.46   | cps   |
| Erbium     | 164-1 | 581799    | 582762    | 585245    | 583269    | 0.30   | cps   |
| Erbium     | 164-2 | 336269    | 339965    | 339599    | 338611    | 0.60   | cps   |
| Gadolinium | 160-1 | 584084    | 580535    | 587912    | 584177    | 0.63   | cps   |
| Gadolinium | 160-2 | 373524    | 373457    | 372566    | 373182    | 0.14   | cps   |
| Holmium    | 165-1 | 9931931   | 9962507   | 10045672  | 9980037   | 0.59   | cps   |
| Holmium    | 165-2 | 6051665   | 6140086   | 6072776   | 6088176   | 0.76   | cps   |
| Indium     | 115-1 | 6576258   | 6572847   | 6653281   | 6600795   | 0.69   | cps   |
| Indium     | 115-2 | 1565341   | 1601344   | 1587976   | 1584887   | 1.15   | cps   |
| Iron       | 56-2  | 148617192 | 149333664 | 148125959 | 148692272 | 0.41   | cps   |
| Iron       | 57-2  | 3613266   | 3695720   | 3645200   | 3651395   | 1.14   | cps   |
| Krypton    | 83-1  | 1020      | 1190      | 1303      | 1171      | 12.18  | cps   |
| Lead       | 206-1 | 943301    | 934215    | 943170    | 940229    | 0.55   | cps   |
| Lead       | 207-1 | 786618    | 779684    | 786227    | 784176    | 0.50   | cps   |
| Lead       | 208-1 | 3688701   | 3658305   | 3683486   | 3676830   | 0.44   | cps   |
| Lithium    | 6-1   | 2705689   | 2726174   | 2751929   | 2727931   | 0.85   | cps   |
| Magnesium  | 24-2  | 6147115   | 6141984   | 6066747   | 6118615   | 0.74   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2986-01            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-19(6.5-7)      | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 15:37:44 | DataFile Name :   | 049SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 610111   | 620746   | 610036   | 613631   | 1.00   | cps   |
| Molybdenum | 94-1  | 386017   | 378840   | 382686   | 382514   | 0.94   | cps   |
| Molybdenum | 95-1  | 2509     | 2392     | 2617     | 2506     | 4.49   | cps   |
| Molybdenum | 96-1  | 67543    | 65886    | 66773    | 66734    | 1.24   | cps   |
| Molybdenum | 97-1  | 1517     | 1392     | 1433     | 1447     | 4.40   | cps   |
| Molybdenum | 98-1  | 4051     | 3742     | 4101     | 3965     | 4.90   | cps   |
| Neodymium  | 150-1 | 806074   | 802272   | 805391   | 804579   | 0.25   | cps   |
| Neodymium  | 150-2 | 373039   | 375733   | 376676   | 375149   | 0.50   | cps   |
| Nickel     | 60-2  | 177675   | 177843   | 177612   | 177710   | 0.07   | cps   |
| Phosphorus | 31-2  | 1358     | 1400     | 1558     | 1439     | 7.33   | cps   |
| Potassium  | 39-2  | 610175   | 610622   | 609425   | 610074   | 0.10   | cps   |
| Rhodium    | 103-1 | 5762329  | 5855716  | 5943624  | 5853890  | 1.55   | cps   |
| Rhodium    | 103-2 | 2995880  | 3046268  | 3021026  | 3021058  | 0.83   | cps   |
| Scandium   | 45-1  | 5834452  | 5878408  | 5898529  | 5870463  | 0.56   | cps   |
| Scandium   | 45-2  | 277347   | 281863   | 278513   | 279241   | 0.84   | cps   |
| Selenium   | 77-2  | 1053     | 1123     | 1097     | 1091     | 3.24   | cps   |
| Selenium   | 78-2  | 887      | 870      | 835      | 864      | 3.06   | cps   |
| Selenium   | 82-1  | 1365     | 1259     | 1319     | 1315     | 4.04   | cps   |
| Silicon    | 28-1  | 61488189 | 61721156 | 61506591 | 61571978 | 0.21   | cps   |
| Silver     | 109-1 | 3292     | 3125     | 3117     | 3178     | 3.11   | cps   |
| Silver     | 107-1 | 4159     | 4217     | 4184     | 4187     | 0.70   | cps   |
| Sodium     | 23-2  | 1718504  | 1739870  | 1714470  | 1724281  | 0.79   | cps   |
| Strontium  | 86-1  | 382177   | 377639   | 381747   | 380521   | 0.66   | cps   |
| Strontium  | 88-1  | 3293033  | 3292180  | 3319457  | 3301556  | 0.47   | cps   |
| Sulfur     | 34-1  | 301740   | 296566   | 296922   | 298409   | 0.97   | cps   |
| Terbium    | 159-1 | 10125298 | 10245503 | 10335090 | 10235297 | 1.03   | cps   |
| Terbium    | 159-2 | 5939704  | 6051510  | 5973724  | 5988313  | 0.96   | cps   |
| Thallium   | 203-1 | 10271    | 9721     | 9812     | 9935     | 2.97   | cps   |
| Thallium   | 205-1 | 24766    | 23939    | 23747    | 24151    | 2.24   | cps   |
| Thorium    | 232-1 | 2538792  | 2509340  | 2547309  | 2531814  | 0.79   | cps   |
| Tin        | 118-1 | 1634     | 1659     | 1800     | 1697     | 5.30   | cps   |
| Titanium   | 47-1  | 279015   | 279885   | 282301   | 280400   | 0.61   | cps   |
| Uranium    | 238-1 | 450939   | 446484   | 453350   | 450258   | 0.77   | cps   |
| Vanadium   | 51-2  | 577200   | 584281   | 581148   | 580876   | 0.61   | cps   |
| Yttrium    | 89-1  | 14225644 | 14280039 | 14344047 | 14283243 | 0.41   | cps   |
| Yttrium    | 89-2  | 2377658  | 2415154  | 2387741  | 2393518  | 0.81   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2986-01            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-19(6.5-7)      | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 15:37:44 | DataFile Name :   | 049SMPL.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zinc      | 66-2 | 174195  | 178249  | 175364  | 175936  | 1.19   | cps   |
| Zirconium | 90-1 | 1027774 | 1032949 | 1031367 | 1030697 | 0.26   | cps   |
| Zirconium | 91-1 | 229621  | 229182  | 233567  | 230790  | 1.05   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2986-02            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-21(4.5-5)      | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 15:41:22 | DataFile Name :   | 050SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 12448861  | 12464588  | 12511193  | 12474881  | 0.26   | cps   |
| Antimony   | 121-1 | 192       | 175       | 225       | 197       | 12.91  | cps   |
| Arsenic    | 75-2  | 3823      | 3845      | 3697      | 3788      | 2.11   | cps   |
| Barium     | 135-1 | 1728324   | 1733499   | 1737981   | 1733268   | 0.28   | cps   |
| Barium     | 137-1 | 3010378   | 3030592   | 2997562   | 3012844   | 0.55   | cps   |
| Beryllium  | 9-1   | 17390     | 17844     | 17844     | 17693     | 1.48   | cps   |
| Bismuth    | 209-1 | 6293634   | 6409418   | 6373076   | 6358709   | 0.93   | cps   |
| Bismuth    | 209-2 | 4256179   | 4227634   | 4274797   | 4252870   | 0.56   | cps   |
| Boron      | 10-1  | 2475      | 2634      | 2817      | 2642      | 6.47   | cps   |
| Boron      | 11-1  | 11672     | 11822     | 11130     | 11541     | 3.16   | cps   |
| Cadmium    | 111-1 | 4744      | 5448      | 5147      | 5113      | 6.91   | cps   |
| Cadmium    | 106-1 | 7461      | 8378      | 7986      | 7941      | 5.79   | cps   |
| Cadmium    | 108-1 | 1029      | 988       | 1079      | 1032      | 4.45   | cps   |
| Calcium    | 43-1  | 245382    | 248963    | 245651    | 246665    | 0.81   | cps   |
| Calcium    | 44-1  | 4027717   | 4075123   | 4037217   | 4046686   | 0.62   | cps   |
| Chromium   | 52-2  | 727812    | 722475    | 723419    | 724569    | 0.39   | cps   |
| Cobalt     | 59-2  | 427403    | 427521    | 433085    | 429336    | 0.76   | cps   |
| Copper     | 63-2  | 138703    | 137391    | 137552    | 137882    | 0.52   | cps   |
| Dysprosium | 156-1 | 554874    | 550253    | 552770    | 552632    | 0.42   | cps   |
| Dysprosium | 156-2 | 330185    | 326639    | 328313    | 328379    | 0.54   | cps   |
| Erbium     | 164-1 | 482125    | 492292    | 488758    | 487725    | 1.06   | cps   |
| Erbium     | 164-2 | 288111    | 289035    | 288698    | 288615    | 0.16   | cps   |
| Gadolinium | 160-1 | 506468    | 507936    | 513009    | 509138    | 0.67   | cps   |
| Gadolinium | 160-2 | 328884    | 331346    | 328538    | 329589    | 0.46   | cps   |
| Holmium    | 165-1 | 9918906   | 10017538  | 10016095  | 9984180   | 0.57   | cps   |
| Holmium    | 165-2 | 6028817   | 5999834   | 6047505   | 6025386   | 0.40   | cps   |
| Indium     | 115-1 | 6642260   | 6698875   | 6717726   | 6686287   | 0.59   | cps   |
| Indium     | 115-2 | 1578284   | 1583073   | 1597899   | 1586419   | 0.64   | cps   |
| Iron       | 56-2  | 322036074 | 321948374 | 323879807 | 322621418 | 0.34   | cps   |
| Iron       | 57-2  | 8053715   | 8014178   | 8098274   | 8055389   | 0.52   | cps   |
| Krypton    | 83-1  | 940       | 957       | 953       | 950       | 0.93   | cps   |
| Lead       | 206-1 | 776448    | 790426    | 778172    | 781682    | 0.97   | cps   |
| Lead       | 207-1 | 650130    | 659270    | 648074    | 652491    | 0.91   | cps   |
| Lead       | 208-1 | 3043940   | 3083208   | 3042690   | 3056613   | 0.75   | cps   |
| Lithium    | 6-1   | 2777994   | 2786786   | 2780341   | 2781707   | 0.16   | cps   |
| Magnesium  | 24-2  | 7498457   | 7474910   | 7506048   | 7493138   | 0.22   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2986-02            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-21(4.5-5)      | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 15:41:22 | DataFile Name :   | 050SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 629561   | 631799   | 636419   | 632593   | 0.55   | cps   |
| Molybdenum | 94-1  | 264804   | 268190   | 268842   | 267278   | 0.81   | cps   |
| Molybdenum | 95-1  | 1408     | 1308     | 1467     | 1395     | 5.74   | cps   |
| Molybdenum | 96-1  | 48333    | 50106    | 48442    | 48960    | 2.03   | cps   |
| Molybdenum | 97-1  | 933      | 783      | 808      | 842      | 9.55   | cps   |
| Molybdenum | 98-1  | 2159     | 2200     | 2184     | 2181     | 0.96   | cps   |
| Neodymium  | 150-1 | 736361   | 741103   | 740564   | 739343   | 0.35   | cps   |
| Neodymium  | 150-2 | 346919   | 347788   | 346190   | 346966   | 0.23   | cps   |
| Nickel     | 60-2  | 147008   | 147237   | 145954   | 146733   | 0.47   | cps   |
| Phosphorus | 31-2  | 1033     | 942      | 983      | 986      | 4.65   | cps   |
| Potassium  | 39-2  | 450668   | 449316   | 451821   | 450602   | 0.28   | cps   |
| Rhodium    | 103-1 | 5851848  | 5903644  | 5916058  | 5890517  | 0.58   | cps   |
| Rhodium    | 103-2 | 3005501  | 3004550  | 3034176  | 3014743  | 0.56   | cps   |
| Scandium   | 45-1  | 5713285  | 5771265  | 5711290  | 5731947  | 0.59   | cps   |
| Scandium   | 45-2  | 269315   | 272251   | 271479   | 271015   | 0.56   | cps   |
| Selenium   | 77-2  | 1017     | 993      | 1047     | 1019     | 2.62   | cps   |
| Selenium   | 78-2  | 830      | 824      | 824      | 826      | 0.39   | cps   |
| Selenium   | 82-1  | 1246     | 1327     | 1293     | 1288     | 3.14   | cps   |
| Silicon    | 28-1  | 68580633 | 69031633 | 69065514 | 68892593 | 0.39   | cps   |
| Silver     | 109-1 | 3476     | 3526     | 3667     | 3556     | 2.80   | cps   |
| Silver     | 107-1 | 4293     | 4526     | 4059     | 4293     | 5.44   | cps   |
| Sodium     | 23-2  | 1669080  | 1670919  | 1669817  | 1669939  | 0.06   | cps   |
| Strontium  | 86-1  | 210758   | 212075   | 211237   | 211357   | 0.32   | cps   |
| Strontium  | 88-1  | 1838952  | 1849566  | 1843537  | 1844019  | 0.29   | cps   |
| Sulfur     | 34-1  | 220497   | 224955   | 224633   | 223362   | 1.11   | cps   |
| Terbium    | 159-1 | 10193617 | 10257130 | 10273289 | 10241345 | 0.41   | cps   |
| Terbium    | 159-2 | 5950121  | 5956931  | 6001376  | 5969476  | 0.47   | cps   |
| Thallium   | 203-1 | 7744     | 6969     | 7753     | 7489     | 6.01   | cps   |
| Thallium   | 205-1 | 18464    | 17646    | 18313    | 18141    | 2.40   | cps   |
| Thorium    | 232-1 | 2074961  | 2099404  | 2080769  | 2085045  | 0.61   | cps   |
| Tin        | 118-1 | 1242     | 1275     | 1325     | 1281     | 3.28   | cps   |
| Titanium   | 47-1  | 326499   | 334177   | 327873   | 329516   | 1.24   | cps   |
| Uranium    | 238-1 | 533752   | 530261   | 530531   | 531515   | 0.37   | cps   |
| Vanadium   | 51-2  | 519849   | 519315   | 520922   | 520029   | 0.16   | cps   |
| Yttrium    | 89-1  | 13762394 | 13916051 | 13792168 | 13823538 | 0.59   | cps   |
| Yttrium    | 89-2  | 2313571  | 2312680  | 2323667  | 2316640  | 0.26   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2986-02            | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-21(4.5-5)      | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 15:41:22 | DataFile Name :   | 050SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zinc      | 66-2 | 144897 | 145594 | 145533 | 145341  | 0.27   | cps   |
| Zirconium | 90-1 | 717815 | 722361 | 717567 | 719248  | 0.38   | cps   |
| Zirconium | 91-1 | 162385 | 162346 | 161906 | 162212  | 0.16   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2986-03            | Instrumnet Name : | P7        |
| Client Sample ID :      | FEQC-052119         | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 15:45:01 | DataFile Name :   | 051SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 9597214   | 9499051   | 9529790   | 9542018   | 0.53   | cps   |
| Antimony   | 121-1 | 300       | 275       | 392       | 322       | 19.06  | cps   |
| Arsenic    | 75-2  | 2830      | 2861      | 2808      | 2833      | 0.95   | cps   |
| Barium     | 135-1 | 4248590   | 4249267   | 4220576   | 4239478   | 0.39   | cps   |
| Barium     | 137-1 | 7530661   | 7571146   | 7598993   | 7566933   | 0.45   | cps   |
| Beryllium  | 9-1   | 16716     | 16816     | 16075     | 16536     | 2.43   | cps   |
| Bismuth    | 209-1 | 6528301   | 6528308   | 6538861   | 6531823   | 0.09   | cps   |
| Bismuth    | 209-2 | 4270071   | 4302040   | 4331668   | 4301260   | 0.72   | cps   |
| Boron      | 10-1  | 4134      | 4042      | 4434      | 4204      | 4.88   | cps   |
| Boron      | 11-1  | 17544     | 17527     | 18262     | 17778     | 2.36   | cps   |
| Cadmium    | 111-1 | 6937      | 6858      | 6791      | 6862      | 1.06   | cps   |
| Cadmium    | 106-1 | 10638     | 10479     | 10529     | 10549     | 0.77   | cps   |
| Cadmium    | 108-1 | 2038      | 2146      | 2125      | 2103      | 2.73   | cps   |
| Calcium    | 43-1  | 380308    | 380875    | 381050    | 380745    | 0.10   | cps   |
| Calcium    | 44-1  | 6233363   | 6230980   | 6278685   | 6247676   | 0.43   | cps   |
| Chromium   | 52-2  | 857648    | 854665    | 859647    | 857320    | 0.29   | cps   |
| Cobalt     | 59-2  | 243883    | 240613    | 243018    | 242505    | 0.70   | cps   |
| Copper     | 63-2  | 526220    | 527379    | 531947    | 528515    | 0.57   | cps   |
| Dysprosium | 156-1 | 455350    | 450867    | 456611    | 454276    | 0.66   | cps   |
| Dysprosium | 156-2 | 269063    | 268177    | 267470    | 268237    | 0.30   | cps   |
| Erbium     | 164-1 | 419209    | 418060    | 419711    | 418993    | 0.20   | cps   |
| Erbium     | 164-2 | 244775    | 248366    | 247724    | 246955    | 0.78   | cps   |
| Gadolinium | 160-1 | 430764    | 427365    | 427765    | 428631    | 0.43   | cps   |
| Gadolinium | 160-2 | 271886    | 273792    | 275085    | 273588    | 0.59   | cps   |
| Holmium    | 165-1 | 10093996  | 10070638  | 10132098  | 10098911  | 0.31   | cps   |
| Holmium    | 165-2 | 5993181   | 6060602   | 6039295   | 6031026   | 0.57   | cps   |
| Indium     | 115-1 | 6782073   | 6805799   | 6764252   | 6784041   | 0.31   | cps   |
| Indium     | 115-2 | 1571634   | 1593741   | 1601761   | 1589045   | 0.98   | cps   |
| Iron       | 56-2  | 143871448 | 143199298 | 143298320 | 143456355 | 0.25   | cps   |
| Iron       | 57-2  | 3523126   | 3516672   | 3521863   | 3520554   | 0.10   | cps   |
| Krypton    | 83-1  | 770       | 787       | 777       | 778       | 1.08   | cps   |
| Lead       | 206-1 | 781944    | 781289    | 786971    | 783401    | 0.40   | cps   |
| Lead       | 207-1 | 653731    | 654590    | 652443    | 653588    | 0.17   | cps   |
| Lead       | 208-1 | 3067443   | 3065733   | 3071727   | 3068301   | 0.10   | cps   |
| Lithium    | 6-1   | 2767886   | 2768685   | 2767126   | 2767899   | 0.03   | cps   |
| Magnesium  | 24-2  | 6266945   | 6263106   | 6251365   | 6260472   | 0.13   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2986-03            | Instrumnet Name : | P7        |
| Client Sample ID :      | FEQC-052119         | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 15:45:01 | DataFile Name :   | 051SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 854360   | 847689   | 856889   | 852979   | 0.56   | cps   |
| Molybdenum | 94-1  | 557419   | 554875   | 554720   | 555671   | 0.27   | cps   |
| Molybdenum | 95-1  | 1750     | 2142     | 2142     | 2011     | 11.24  | cps   |
| Molybdenum | 96-1  | 96568    | 97255    | 95938    | 96587    | 0.68   | cps   |
| Molybdenum | 97-1  | 1108     | 1158     | 1425     | 1231     | 13.83  | cps   |
| Molybdenum | 98-1  | 3100     | 3050     | 2909     | 3020     | 3.29   | cps   |
| Neodymium  | 150-1 | 597064   | 593007   | 596983   | 595685   | 0.39   | cps   |
| Neodymium  | 150-2 | 278661   | 275844   | 277312   | 277272   | 0.51   | cps   |
| Nickel     | 60-2  | 159399   | 159199   | 159078   | 159226   | 0.10   | cps   |
| Phosphorus | 31-2  | 5134     | 5193     | 5635     | 5321     | 5.14   | cps   |
| Potassium  | 39-2  | 713319   | 714376   | 717034   | 714909   | 0.27   | cps   |
| Rhodium    | 103-1 | 5965652  | 5999008  | 6006740  | 5990467  | 0.36   | cps   |
| Rhodium    | 103-2 | 3029755  | 3051531  | 3057017  | 3046101  | 0.47   | cps   |
| Scandium   | 45-1  | 5802833  | 5848707  | 5817853  | 5823131  | 0.40   | cps   |
| Scandium   | 45-2  | 272738   | 276395   | 273149   | 274094   | 0.73   | cps   |
| Selenium   | 77-2  | 880      | 860      | 873      | 871      | 1.17   | cps   |
| Selenium   | 78-2  | 669      | 643      | 652      | 654      | 2.01   | cps   |
| Selenium   | 82-1  | 1134     | 1149     | 1082     | 1121     | 3.11   | cps   |
| Silicon    | 28-1  | 48964608 | 48969703 | 48522039 | 48818783 | 0.53   | cps   |
| Silver     | 109-1 | 3392     | 3834     | 3401     | 3542     | 7.13   | cps   |
| Silver     | 107-1 | 4668     | 5034     | 5118     | 4940     | 4.85   | cps   |
| Sodium     | 23-2  | 986916   | 990874   | 996047   | 991279   | 0.46   | cps   |
| Strontium  | 86-1  | 238177   | 237404   | 240142   | 238574   | 0.59   | cps   |
| Strontium  | 88-1  | 2072521  | 2096268  | 2085249  | 2084679  | 0.57   | cps   |
| Sulfur     | 34-1  | 291299   | 291603   | 288018   | 290306   | 0.68   | cps   |
| Terbium    | 159-1 | 10367605 | 10408474 | 10435721 | 10403933 | 0.33   | cps   |
| Terbium    | 159-2 | 5895850  | 5942219  | 5971646  | 5936572  | 0.64   | cps   |
| Thallium   | 203-1 | 7811     | 7903     | 8044     | 7919     | 1.48   | cps   |
| Thallium   | 205-1 | 18121    | 18772    | 18405    | 18433    | 1.77   | cps   |
| Thorium    | 232-1 | 2003729  | 1978195  | 1995051  | 1992325  | 0.65   | cps   |
| Tin        | 118-1 | 4084     | 4217     | 3726     | 4009     | 6.34   | cps   |
| Titanium   | 47-1  | 1395662  | 1385170  | 1382269  | 1387700  | 0.51   | cps   |
| Uranium    | 238-1 | 603528   | 607437   | 604358   | 605108   | 0.34   | cps   |
| Vanadium   | 51-2  | 636123   | 633080   | 636610   | 635271   | 0.30   | cps   |
| Yttrium    | 89-1  | 12616791 | 12691277 | 12688478 | 12665516 | 0.33   | cps   |
| Yttrium    | 89-2  | 2101934  | 2101586  | 2114134  | 2105885  | 0.34   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2986-03            | Instrumnet Name : | P7        |
| Client Sample ID :      | FEQC-052119         | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 15:45:01 | DataFile Name :   | 051SMPL.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zinc      | 66-2 | 233551  | 234844  | 237097  | 235164  | 0.76   | cps   |
| Zirconium | 90-1 | 1500464 | 1504371 | 1493322 | 1499386 | 0.37   | cps   |
| Zirconium | 91-1 | 335938  | 342488  | 337274  | 338567  | 1.02   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-01DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-11(7-7.5)DL    | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 15:48:40 | DataFile Name :   | 052SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1257590  | 1261554  | 1257942  | 1259029  | 0.17   | cps   |
| Antimony   | 121-1 | 233      | 267      | 283      | 261      | 9.75   | cps   |
| Arsenic    | 75-2  | 1278     | 1330     | 1320     | 1309     | 2.11   | cps   |
| Barium     | 135-1 | 117292   | 117039   | 115115   | 116482   | 1.02   | cps   |
| Barium     | 137-1 | 201811   | 203366   | 202328   | 202502   | 0.39   | cps   |
| Beryllium  | 9-1   | 1707     | 1563     | 1503     | 1591     | 6.57   | cps   |
| Bismuth    | 209-1 | 6894715  | 6876473  | 6890107  | 6887098  | 0.14   | cps   |
| Bismuth    | 209-2 | 4515038  | 4548553  | 4588568  | 4550720  | 0.81   | cps   |
| Boron      | 10-1  | 1442     | 1550     | 1583     | 1525     | 4.86   | cps   |
| Boron      | 11-1  | 6243     | 6443     | 6752     | 6479     | 3.95   | cps   |
| Cadmium    | 111-1 | 2351     | 2162     | 2516     | 2343     | 7.56   | cps   |
| Cadmium    | 106-1 | 3301     | 3067     | 3501     | 3289     | 6.59   | cps   |
| Cadmium    | 108-1 | 204      | 133      | 121      | 153      | 29.41  | cps   |
| Calcium    | 43-1  | 21508    | 20415    | 21032    | 20985    | 2.61   | cps   |
| Calcium    | 44-1  | 354314   | 349050   | 348300   | 350555   | 0.93   | cps   |
| Chromium   | 52-2  | 79040    | 80455    | 79771    | 79755    | 0.89   | cps   |
| Cobalt     | 59-2  | 28795    | 29293    | 29036    | 29041    | 0.86   | cps   |
| Copper     | 63-2  | 25352    | 24721    | 24631    | 24901    | 1.58   | cps   |
| Dysprosium | 156-1 | 26092    | 25967    | 25917    | 25992    | 0.35   | cps   |
| Dysprosium | 156-2 | 15092    | 14885    | 15295    | 15091    | 1.36   | cps   |
| Erbium     | 164-1 | 21518    | 21059    | 20716    | 21098    | 1.91   | cps   |
| Erbium     | 164-2 | 12256    | 12262    | 12266    | 12261    | 0.04   | cps   |
| Gadolinium | 160-1 | 23070    | 22578    | 22928    | 22859    | 1.11   | cps   |
| Gadolinium | 160-2 | 14117    | 14822    | 14701    | 14547    | 2.59   | cps   |
| Holmium    | 165-1 | 10099346 | 10086921 | 10118634 | 10101634 | 0.16   | cps   |
| Holmium    | 165-2 | 6049201  | 6048798  | 6158723  | 6085574  | 1.04   | cps   |
| Indium     | 115-1 | 7106733  | 7124306  | 7123386  | 7118142  | 0.14   | cps   |
| Indium     | 115-2 | 1679893  | 1679876  | 1704266  | 1688012  | 0.83   | cps   |
| Iron       | 56-2  | 56082042 | 56222642 | 56066335 | 56123673 | 0.15   | cps   |
| Iron       | 57-2  | 1351265  | 1355591  | 1357939  | 1354932  | 0.25   | cps   |
| Krypton    | 83-1  | 307      | 270      | 273      | 283      | 7.16   | cps   |
| Lead       | 206-1 | 98087    | 97656    | 97937    | 97893    | 0.22   | cps   |
| Lead       | 207-1 | 81231    | 83494    | 80654    | 81793    | 1.84   | cps   |
| Lead       | 208-1 | 381627   | 385915   | 383209   | 383584   | 0.57   | cps   |
| Lithium    | 6-1   | 2772560  | 2767636  | 2773868  | 2771355  | 0.12   | cps   |
| Magnesium  | 24-2  | 850802   | 860215   | 850259   | 853759   | 0.66   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-01DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-11(7-7.5)DL    | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 15:48:40 | DataFile Name :   | 052SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 168873   | 169806   | 168502   | 169060   | 0.40   | cps   |
| Molybdenum | 94-1  | 39088    | 39038    | 38804    | 38976    | 0.39   | cps   |
| Molybdenum | 95-1  | 1467     | 1183     | 1417     | 1356     | 11.16  | cps   |
| Molybdenum | 96-1  | 8128     | 8303     | 7878     | 8103     | 2.64   | cps   |
| Molybdenum | 97-1  | 942      | 867      | 833      | 881      | 6.30   | cps   |
| Molybdenum | 98-1  | 2109     | 2484     | 2125     | 2239     | 9.46   | cps   |
| Neodymium  | 150-1 | 39116    | 39564    | 40674    | 39785    | 2.02   | cps   |
| Neodymium  | 150-2 | 18135    | 18599    | 18102    | 18279    | 1.52   | cps   |
| Nickel     | 60-2  | 20434    | 20404    | 20692    | 20510    | 0.77   | cps   |
| Phosphorus | 31-2  | 3259     | 2875     | 3067     | 3067     | 6.25   | cps   |
| Potassium  | 39-2  | 148602   | 149505   | 148949   | 149018   | 0.31   | cps   |
| Rhodium    | 103-1 | 6434429  | 6405578  | 6396475  | 6412161  | 0.31   | cps   |
| Rhodium    | 103-2 | 3235135  | 3260485  | 3306686  | 3267436  | 1.11   | cps   |
| Scandium   | 45-1  | 4906681  | 4943423  | 4921523  | 4923876  | 0.38   | cps   |
| Scandium   | 45-2  | 228349   | 231529   | 235541   | 231806   | 1.55   | cps   |
| Selenium   | 77-2  | 40       | 60       | 37       | 46       | 27.70  | cps   |
| Selenium   | 78-2  | 106      | 83       | 106      | 98       | 13.08  | cps   |
| Selenium   | 82-1  | 218      | 223      | 277      | 239      | 13.61  | cps   |
| Silicon    | 28-1  | 17405960 | 17438822 | 17358599 | 17401127 | 0.23   | cps   |
| Silver     | 109-1 | 150      | 117      | 167      | 144      | 17.63  | cps   |
| Silver     | 107-1 | 333      | 425      | 333      | 364      | 14.55  | cps   |
| Sodium     | 23-2  | 30073    | 29663    | 29254    | 29663    | 1.38   | cps   |
| Strontium  | 86-1  | 18571    | 18112    | 18221    | 18301    | 1.31   | cps   |
| Strontium  | 88-1  | 154624   | 156764   | 158153   | 156514   | 1.14   | cps   |
| Sulfur     | 34-1  | 194628   | 192046   | 190814   | 192496   | 1.01   | cps   |
| Terbium    | 159-1 | 10501547 | 10438298 | 10448585 | 10462810 | 0.32   | cps   |
| Terbium    | 159-2 | 5974664  | 5978588  | 6074504  | 6009252  | 0.94   | cps   |
| Thallium   | 203-1 | 850      | 892      | 725      | 822      | 10.55  | cps   |
| Thallium   | 205-1 | 2067     | 1984     | 2192     | 2081     | 5.04   | cps   |
| Thorium    | 232-1 | 184853   | 182891   | 185089   | 184278   | 0.65   | cps   |
| Tin        | 118-1 | 675      | 750      | 792      | 739      | 8.00   | cps   |
| Titanium   | 47-1  | 150887   | 148212   | 148205   | 149101   | 1.04   | cps   |
| Uranium    | 238-1 | 34805    | 34563    | 34447    | 34605    | 0.53   | cps   |
| Vanadium   | 51-2  | 86521    | 86985    | 87511    | 87006    | 0.57   | cps   |
| Yttrium    | 89-1  | 7803658  | 7819542  | 7848636  | 7823945  | 0.29   | cps   |
| Yttrium    | 89-2  | 1296385  | 1304685  | 1324128  | 1308399  | 1.09   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-01DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-11(7-7.5)DL    | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 15:48:40 | DataFile Name :   | 052SMPL.d |

| Parameter | Mass | CPS1  | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|-------|--------|--------|---------|--------|-------|
| Zinc      | 66-2 | 18772 | 19794  | 19296  | 19287   | 2.65   | cps   |
| Zirconium | 90-1 | 98941 | 100804 | 101599 | 100448  | 1.36   | cps   |
| Zirconium | 91-1 | 22986 | 22927  | 23128  | 23014   | 0.45   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-02DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-12(9.5-10)DL   | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 15:52:17 | DataFile Name :   | 053SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1534303  | 1543682  | 1556630  | 1544872  | 0.73   | cps   |
| Antimony   | 121-1 | 483      | 433      | 525      | 481      | 9.55   | cps   |
| Arsenic    | 75-2  | 2569     | 2398     | 2521     | 2496     | 3.52   | cps   |
| Barium     | 135-1 | 115972   | 116535   | 117048   | 116518   | 0.46   | cps   |
| Barium     | 137-1 | 202094   | 199783   | 200987   | 200955   | 0.58   | cps   |
| Beryllium  | 9-1   | 2187     | 2257     | 2214     | 2219     | 1.59   | cps   |
| Bismuth    | 209-1 | 6753965  | 6690966  | 6672888  | 6705939  | 0.63   | cps   |
| Bismuth    | 209-2 | 4469188  | 4524977  | 4589365  | 4527843  | 1.33   | cps   |
| Boron      | 10-1  | 1358     | 1292     | 1367     | 1339     | 3.07   | cps   |
| Boron      | 11-1  | 6252     | 6001     | 6210     | 6154     | 2.18   | cps   |
| Cadmium    | 111-1 | 2723     | 2808     | 2723     | 2751     | 1.77   | cps   |
| Cadmium    | 106-1 | 3501     | 3601     | 3534     | 3545     | 1.44   | cps   |
| Cadmium    | 108-1 | 229      | 221      | 179      | 210      | 12.77  | cps   |
| Calcium    | 43-1  | 19639    | 18838    | 19347    | 19274    | 2.10   | cps   |
| Calcium    | 44-1  | 322701   | 323682   | 321784   | 322722   | 0.29   | cps   |
| Chromium   | 52-2  | 77406    | 77559    | 78139    | 77701    | 0.50   | cps   |
| Cobalt     | 59-2  | 66878    | 67039    | 68439    | 67452    | 1.27   | cps   |
| Copper     | 63-2  | 95184    | 93855    | 94580    | 94540    | 0.70   | cps   |
| Dysprosium | 156-1 | 48888    | 49240    | 48186    | 48771    | 1.10   | cps   |
| Dysprosium | 156-2 | 29432    | 29331    | 30083    | 29615    | 1.38   | cps   |
| Erbium     | 164-1 | 42108    | 40896    | 40093    | 41032    | 2.47   | cps   |
| Erbium     | 164-2 | 24038    | 24569    | 24308    | 24305    | 1.09   | cps   |
| Gadolinium | 160-1 | 45175    | 46054    | 45335    | 45521    | 1.03   | cps   |
| Gadolinium | 160-2 | 29933    | 30083    | 29792    | 29936    | 0.49   | cps   |
| Holmium    | 165-1 | 10009619 | 9805278  | 9860510  | 9891802  | 1.07   | cps   |
| Holmium    | 165-2 | 6056238  | 6072593  | 6147151  | 6091994  | 0.80   | cps   |
| Indium     | 115-1 | 7064089  | 6944241  | 7011537  | 7006622  | 0.86   | cps   |
| Indium     | 115-2 | 1670446  | 1690332  | 1716083  | 1692287  | 1.35   | cps   |
| Iron       | 56-2  | 88711960 | 88749871 | 89159135 | 88873656 | 0.28   | cps   |
| Iron       | 57-2  | 2137321  | 2149314  | 2158569  | 2148401  | 0.50   | cps   |
| Krypton    | 83-1  | 297      | 353      | 283      | 311      | 11.95  | cps   |
| Lead       | 206-1 | 136936   | 135398   | 135033   | 135789   | 0.74   | cps   |
| Lead       | 207-1 | 113486   | 113379   | 114191   | 113686   | 0.39   | cps   |
| Lead       | 208-1 | 534716   | 531979   | 525318   | 530671   | 0.91   | cps   |
| Lithium    | 6-1   | 2742900  | 2718339  | 2718701  | 2726647  | 0.52   | cps   |
| Magnesium  | 24-2  | 1528184  | 1530180  | 1537852  | 1532072  | 0.33   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-02DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-12(9.5-10)DL   | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 15:52:17 | DataFile Name :   | 053SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 1709821  | 1716212  | 1730661  | 1718898  | 0.62   | cps   |
| Molybdenum | 94-1  | 61232    | 57810    | 60780    | 59941    | 3.10   | cps   |
| Molybdenum | 95-1  | 5860     | 5251     | 5776     | 5629     | 5.86   | cps   |
| Molybdenum | 96-1  | 16627    | 16010    | 15984    | 16207    | 2.25   | cps   |
| Molybdenum | 97-1  | 3451     | 3484     | 3484     | 3473     | 0.55   | cps   |
| Molybdenum | 98-1  | 9412     | 8987     | 9404     | 9267     | 2.62   | cps   |
| Neodymium  | 150-1 | 67003    | 65603    | 66306    | 66304    | 1.06   | cps   |
| Neodymium  | 150-2 | 31058    | 32335    | 32127    | 31840    | 2.15   | cps   |
| Nickel     | 60-2  | 38845    | 38725    | 39286    | 38952    | 0.76   | cps   |
| Phosphorus | 31-2  | 2700     | 2342     | 2709     | 2584     | 8.10   | cps   |
| Potassium  | 39-2  | 235069   | 234960   | 236164   | 235398   | 0.28   | cps   |
| Rhodium    | 103-1 | 6304349  | 6288426  | 6333437  | 6308738  | 0.36   | cps   |
| Rhodium    | 103-2 | 3236475  | 3246505  | 3317526  | 3266835  | 1.35   | cps   |
| Scandium   | 45-1  | 4903099  | 4868720  | 4897892  | 4889904  | 0.38   | cps   |
| Scandium   | 45-2  | 233300   | 235062   | 239457   | 235940   | 1.34   | cps   |
| Selenium   | 77-2  | 103      | 97       | 90       | 97       | 6.90   | cps   |
| Selenium   | 78-2  | 115      | 91       | 137      | 114      | 20.28  | cps   |
| Selenium   | 82-1  | 289      | 221      | 302      | 270      | 16.03  | cps   |
| Silicon    | 28-1  | 16852903 | 16846038 | 16827932 | 16842291 | 0.08   | cps   |
| Silver     | 109-1 | 267      | 292      | 283      | 281      | 4.54   | cps   |
| Silver     | 107-1 | 525      | 575      | 475      | 525      | 9.52   | cps   |
| Sodium     | 23-2  | 22968    | 23135    | 23169    | 23091    | 0.46   | cps   |
| Strontium  | 86-1  | 22785    | 22969    | 23186    | 22980    | 0.87   | cps   |
| Strontium  | 88-1  | 202317   | 201554   | 201295   | 201722   | 0.26   | cps   |
| Sulfur     | 34-1  | 188306   | 188791   | 187575   | 188224   | 0.33   | cps   |
| Terbium    | 159-1 | 10180946 | 10207334 | 10172652 | 10186977 | 0.18   | cps   |
| Terbium    | 159-2 | 5967167  | 5989400  | 6093488  | 6016685  | 1.12   | cps   |
| Thallium   | 203-1 | 1392     | 1275     | 1058     | 1242     | 13.62  | cps   |
| Thallium   | 205-1 | 2767     | 2925     | 2659     | 2784     | 4.82   | cps   |
| Thorium    | 232-1 | 244498   | 241798   | 241877   | 242725   | 0.63   | cps   |
| Tin        | 118-1 | 917      | 883      | 925      | 908      | 2.43   | cps   |
| Titanium   | 47-1  | 80847    | 82402    | 82146    | 81798    | 1.02   | cps   |
| Uranium    | 238-1 | 31431    | 31180    | 30695    | 31102    | 1.20   | cps   |
| Vanadium   | 51-2  | 53948    | 53058    | 54621    | 53876    | 1.45   | cps   |
| Yttrium    | 89-1  | 8005369  | 8013971  | 7997898  | 8005746  | 0.10   | cps   |
| Yttrium    | 89-2  | 1356645  | 1361959  | 1380813  | 1366472  | 0.93   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-02DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-12(9.5-10)DL   | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 15:52:17 | DataFile Name :   | 053SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zinc      | 66-2 | 42599  | 42157  | 42836  | 42531   | 0.81   | cps   |
| Zirconium | 90-1 | 154744 | 152511 | 153078 | 153444  | 0.76   | cps   |
| Zirconium | 91-1 | 33958  | 33507  | 34902  | 34122   | 2.09   | cps   |

LB Number : LB103076 Operator : Jaswal  
 Lab Sample ID : K2906-02DUPDLX5 Instrumnet Name : P7  
 Client Sample ID : FESB-12(9.5-10)DUPDL Dilution Factor : 5  
 Date & Time Acquired :: 2019-05-29 15:55:53 DataFile Name : 054SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1580291  | 1592795  | 1601392  | 1591493  | 0.67   | cps   |
| Antimony   | 121-1 | 667      | 917      | 492      | 692      | 30.88  | cps   |
| Arsenic    | 75-2  | 2563     | 2647     | 2589     | 2600     | 1.64   | cps   |
| Barium     | 135-1 | 120081   | 119123   | 119073   | 119426   | 0.48   | cps   |
| Barium     | 137-1 | 210051   | 204250   | 207806   | 207369   | 1.41   | cps   |
| Beryllium  | 9-1   | 2387     | 2294     | 2220     | 2300     | 3.63   | cps   |
| Bismuth    | 209-1 | 6730141  | 6801429  | 6768791  | 6766787  | 0.53   | cps   |
| Bismuth    | 209-2 | 4564026  | 4569596  | 4619744  | 4584455  | 0.67   | cps   |
| Boron      | 10-1  | 1308     | 1300     | 1508     | 1372     | 8.60   | cps   |
| Boron      | 11-1  | 6077     | 5701     | 6343     | 6040     | 5.34   | cps   |
| Cadmium    | 111-1 | 3085     | 2702     | 2749     | 2845     | 7.34   | cps   |
| Cadmium    | 106-1 | 4042     | 3492     | 3584     | 3706     | 7.95   | cps   |
| Cadmium    | 108-1 | 267      | 246      | 217      | 243      | 10.33  | cps   |
| Calcium    | 43-1  | 19714    | 20323    | 19831    | 19956    | 1.62   | cps   |
| Calcium    | 44-1  | 331092   | 326331   | 333529   | 330317   | 1.11   | cps   |
| Chromium   | 52-2  | 80428    | 80924    | 80354    | 80569    | 0.38   | cps   |
| Cobalt     | 59-2  | 70183    | 69350    | 69557    | 69697    | 0.62   | cps   |
| Copper     | 63-2  | 96727    | 97284    | 97515    | 97175    | 0.42   | cps   |
| Dysprosium | 156-1 | 50310    | 49976    | 50294    | 50193    | 0.38   | cps   |
| Dysprosium | 156-2 | 30404    | 30618    | 30400    | 30474    | 0.41   | cps   |
| Erbium     | 164-1 | 42843    | 41924    | 40244    | 41670    | 3.16   | cps   |
| Erbium     | 164-2 | 25230    | 24809    | 24703    | 24914    | 1.12   | cps   |
| Gadolinium | 160-1 | 46906    | 45602    | 45962    | 46157    | 1.46   | cps   |
| Gadolinium | 160-2 | 30507    | 29726    | 31299    | 30511    | 2.58   | cps   |
| Holmium    | 165-1 | 10021533 | 10138395 | 10084287 | 10081405 | 0.58   | cps   |
| Holmium    | 165-2 | 6156510  | 6164349  | 6179821  | 6166893  | 0.19   | cps   |
| Indium     | 115-1 | 7094567  | 7217198  | 7196401  | 7169389  | 0.92   | cps   |
| Indium     | 115-2 | 1718299  | 1726675  | 1730140  | 1725038  | 0.35   | cps   |
| Iron       | 56-2  | 91514694 | 91437327 | 91878372 | 91610131 | 0.26   | cps   |
| Iron       | 57-2  | 2218251  | 2210097  | 2229173  | 2219174  | 0.43   | cps   |
| Krypton    | 83-1  | 337      | 370      | 293      | 333      | 11.53  | cps   |
| Lead       | 206-1 | 140248   | 138018   | 138940   | 139069   | 0.81   | cps   |
| Lead       | 207-1 | 117251   | 116461   | 115205   | 116306   | 0.89   | cps   |
| Lead       | 208-1 | 544964   | 537446   | 542435   | 541615   | 0.71   | cps   |
| Lithium    | 6-1   | 2792624  | 2791616  | 2794406  | 2792882  | 0.05   | cps   |
| Magnesium  | 24-2  | 1552917  | 1568276  | 1579942  | 1567045  | 0.86   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB103076             | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-02DUPDLX5      | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-12(9.5-10)DUPDL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 15:55:53  | DataFile Name :   | 054SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 1750517  | 1744383  | 1747065  | 1747322  | 0.18   | cps   |
| Molybdenum | 94-1  | 62127    | 62471    | 62747    | 62448    | 0.50   | cps   |
| Molybdenum | 95-1  | 6410     | 6102     | 6744     | 6418     | 5.00   | cps   |
| Molybdenum | 96-1  | 18137    | 17653    | 17695    | 17829    | 1.50   | cps   |
| Molybdenum | 97-1  | 4051     | 3509     | 3726     | 3762     | 7.25   | cps   |
| Molybdenum | 98-1  | 10404    | 10229    | 9470     | 10035    | 4.95   | cps   |
| Neodymium  | 150-1 | 67632    | 68872    | 67868    | 68124    | 0.97   | cps   |
| Neodymium  | 150-2 | 32629    | 32996    | 32518    | 32714    | 0.76   | cps   |
| Nickel     | 60-2  | 40523    | 40229    | 40316    | 40356    | 0.37   | cps   |
| Phosphorus | 31-2  | 2684     | 2875     | 2550     | 2703     | 6.05   | cps   |
| Potassium  | 39-2  | 243238   | 241444   | 245456   | 243379   | 0.83   | cps   |
| Rhodium    | 103-1 | 6419945  | 6524253  | 6459334  | 6467844  | 0.81   | cps   |
| Rhodium    | 103-2 | 3321672  | 3320448  | 3326694  | 3322938  | 0.10   | cps   |
| Scandium   | 45-1  | 4999276  | 5042403  | 5052519  | 5031399  | 0.56   | cps   |
| Scandium   | 45-2  | 240321   | 240192   | 243084   | 241199   | 0.68   | cps   |
| Selenium   | 77-2  | 53       | 140      | 130      | 108      | 44.00  | cps   |
| Selenium   | 78-2  | 133      | 131      | 131      | 132      | 0.81   | cps   |
| Selenium   | 82-1  | 255      | 262      | 288      | 268      | 6.45   | cps   |
| Silicon    | 28-1  | 17584588 | 17355882 | 17533679 | 17491383 | 0.69   | cps   |
| Silver     | 109-1 | 308      | 233      | 367      | 303      | 22.08  | cps   |
| Silver     | 107-1 | 500      | 425      | 467      | 464      | 8.10   | cps   |
| Sodium     | 23-2  | 22776    | 23344    | 24145    | 23422    | 2.94   | cps   |
| Strontium  | 86-1  | 24046    | 23612    | 23345    | 23668    | 1.49   | cps   |
| Strontium  | 88-1  | 207258   | 205146   | 205292   | 205899   | 0.57   | cps   |
| Sulfur     | 34-1  | 193185   | 192494   | 195061   | 193580   | 0.69   | cps   |
| Terbium    | 159-1 | 10331911 | 10434558 | 10331010 | 10365827 | 0.57   | cps   |
| Terbium    | 159-2 | 6102310  | 6109675  | 6086322  | 6099436  | 0.20   | cps   |
| Thallium   | 203-1 | 1175     | 1058     | 1308     | 1181     | 10.60  | cps   |
| Thallium   | 205-1 | 2984     | 2867     | 2842     | 2898     | 2.61   | cps   |
| Thorium    | 232-1 | 244968   | 243344   | 243535   | 243949   | 0.36   | cps   |
| Tin        | 118-1 | 800      | 817      | 783      | 800      | 2.08   | cps   |
| Titanium   | 47-1  | 86076    | 86092    | 86185    | 86118    | 0.07   | cps   |
| Uranium    | 238-1 | 31940    | 32542    | 31272    | 31918    | 1.99   | cps   |
| Vanadium   | 51-2  | 55437    | 55323    | 55601    | 55454    | 0.25   | cps   |
| Yttrium    | 89-1  | 8135634  | 8226972  | 8227240  | 8196616  | 0.64   | cps   |
| Yttrium    | 89-2  | 1391358  | 1402079  | 1396097  | 1396511  | 0.38   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB103076             | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-02DUPDLX5      | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-12(9.5-10)DUPDL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 15:55:53  | DataFile Name :   | 054SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zinc      | 66-2 | 44598  | 43943  | 44157  | 44232   | 0.76   | cps   |
| Zirconium | 90-1 | 162191 | 160790 | 162974 | 161985  | 0.68   | cps   |
| Zirconium | 91-1 | 35837  | 36489  | 36280  | 36202   | 0.92   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB103076            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV20               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV20               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2019-05-29 16:02:05 | DataFile Name :   | 055CCV.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 4592761   | 4546040   | 4585329   | 4574710   | 0.55   | cps   |
| Antimony   | 121-1 | 3321027   | 3320158   | 3319327   | 3320170   | 0.03   | cps   |
| Arsenic    | 75-2  | 121612    | 121349    | 121218    | 121393    | 0.17   | cps   |
| Barium     | 135-1 | 4621316   | 4584948   | 4594842   | 4600369   | 0.41   | cps   |
| Barium     | 137-1 | 8175613   | 8222736   | 8164182   | 8187510   | 0.38   | cps   |
| Beryllium  | 9-1   | 900598    | 897282    | 887664    | 895181    | 0.75   | cps   |
| Bismuth    | 209-1 | 5882309   | 5893744   | 5883345   | 5886466   | 0.11   | cps   |
| Bismuth    | 209-2 | 3910357   | 3900159   | 3937055   | 3915857   | 0.49   | cps   |
| Boron      | 10-1  | 134124    | 135360    | 137807    | 135764    | 1.38   | cps   |
| Boron      | 11-1  | 590881    | 600006    | 603146    | 598011    | 1.07   | cps   |
| Cadmium    | 111-1 | 959169    | 957476    | 946659    | 954435    | 0.71   | cps   |
| Cadmium    | 106-1 | 114906    | 114016    | 110436    | 113119    | 2.09   | cps   |
| Cadmium    | 108-1 | 74880     | 74528     | 75215     | 74874     | 0.46   | cps   |
| Calcium    | 43-1  | 5642895   | 5587285   | 5566929   | 5599036   | 0.70   | cps   |
| Calcium    | 44-1  | 91716469  | 91076381  | 90654350  | 91149067  | 0.59   | cps   |
| Chromium   | 52-2  | 1088374   | 1090249   | 1088235   | 1088953   | 0.10   | cps   |
| Cobalt     | 59-2  | 1635698   | 1628637   | 1634974   | 1633103   | 0.24   | cps   |
| Copper     | 63-2  | 2325041   | 2318038   | 2325594   | 2322891   | 0.18   | cps   |
| Dysprosium | 156-1 | 125       | 92        | 100       | 106       | 16.44  | cps   |
| Dysprosium | 156-2 | 143       | 90        | 127       | 120       | 22.74  | cps   |
| Erbium     | 164-1 | 50        | 83        | 58        | 64        | 27.15  | cps   |
| Erbium     | 164-2 | 40        | 33        | 17        | 30        | 40.05  | cps   |
| Gadolinium | 160-1 | 67        | 33        | 58        | 53        | 32.88  | cps   |
| Gadolinium | 160-2 | 173       | 157       | 130       | 153       | 14.26  | cps   |
| Holmium    | 165-1 | 9462718   | 9436139   | 9435687   | 9444848   | 0.16   | cps   |
| Holmium    | 165-2 | 5704238   | 5630587   | 5706704   | 5680510   | 0.76   | cps   |
| Indium     | 115-1 | 6298545   | 6283634   | 6230068   | 6270749   | 0.57   | cps   |
| Indium     | 115-2 | 1481010   | 1484262   | 1479450   | 1481574   | 0.17   | cps   |
| Iron       | 56-2  | 231532172 | 230858427 | 231022666 | 231137755 | 0.15   | cps   |
| Iron       | 57-2  | 5762526   | 5770648   | 5820608   | 5784594   | 0.54   | cps   |
| Krypton    | 83-1  | 250       | 230       | 243       | 241       | 4.22   | cps   |
| Lead       | 206-1 | 3118486   | 3151154   | 3121804   | 3130481   | 0.57   | cps   |
| Lead       | 207-1 | 2888928   | 2923503   | 2901952   | 2904794   | 0.60   | cps   |
| Lead       | 208-1 | 13041874  | 13179534  | 13091382  | 13104263  | 0.53   | cps   |
| Lithium    | 6-1   | 2461862   | 2452912   | 2445957   | 2453577   | 0.32   | cps   |
| Magnesium  | 24-2  | 44888689  | 45076993  | 45101543  | 45022408  | 0.26   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB103076            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV20               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV20               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2019-05-29 16:02:05 | DataFile Name :   | 055CCV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 1420325  | 1424818  | 1427183  | 1424109  | 0.24   | cps   |
| Molybdenum | 94-1  | 7388421  | 7361457  | 7298734  | 7349537  | 0.63   | cps   |
| Molybdenum | 95-1  | 8933641  | 8874681  | 8845025  | 8884449  | 0.51   | cps   |
| Molybdenum | 96-1  | 9915437  | 9862400  | 9837045  | 9871627  | 0.41   | cps   |
| Molybdenum | 97-1  | 5575513  | 5548734  | 5539797  | 5554681  | 0.33   | cps   |
| Molybdenum | 98-1  | 14259995 | 14271043 | 14125112 | 14218716 | 0.57   | cps   |
| Neodymium  | 150-1 | 467      | 533      | 433      | 478      | 10.66  | cps   |
| Neodymium  | 150-2 | 80       | 77       | 50       | 69       | 23.87  | cps   |
| Nickel     | 60-2  | 401346   | 401100   | 404532   | 402326   | 0.48   | cps   |
| Phosphorus | 31-2  | 42511    | 43498    | 41467    | 42492    | 2.39   | cps   |
| Potassium  | 39-2  | 23578109 | 23576704 | 23558048 | 23570954 | 0.05   | cps   |
| Rhodium    | 103-1 | 5463695  | 5421451  | 5321514  | 5402220  | 1.35   | cps   |
| Rhodium    | 103-2 | 2751112  | 2765455  | 2762825  | 2759797  | 0.28   | cps   |
| Scandium   | 45-1  | 4483863  | 4305075  | 4425622  | 4404853  | 2.07   | cps   |
| Scandium   | 45-2  | 213741   | 212122   | 213021   | 212961   | 0.38   | cps   |
| Selenium   | 77-2  | 3884     | 3627     | 3651     | 3721     | 3.82   | cps   |
| Selenium   | 78-2  | 12641    | 12263    | 12843    | 12582    | 2.34   | cps   |
| Selenium   | 82-1  | 68517    | 68542    | 67792    | 68283    | 0.62   | cps   |
| Silicon    | 28-1  | 2703442  | 2694410  | 2709004  | 2702285  | 0.27   | cps   |
| Silver     | 109-1 | 4083448  | 4093635  | 4057984  | 4078356  | 0.45   | cps   |
| Silver     | 107-1 | 4271170  | 4275391  | 4223711  | 4256757  | 0.67   | cps   |
| Sodium     | 23-2  | 86237394 | 86810977 | 87433554 | 86827308 | 0.69   | cps   |
| Strontium  | 86-1  | 1161463  | 1162309  | 1162046  | 1161939  | 0.04   | cps   |
| Strontium  | 88-1  | 10266827 | 10325577 | 10265506 | 10285970 | 0.33   | cps   |
| Sulfur     | 34-1  | 706595   | 701260   | 696772   | 701542   | 0.70   | cps   |
| Terbium    | 159-1 | 9702096  | 9637383  | 9709181  | 9682887  | 0.41   | cps   |
| Terbium    | 159-2 | 5582686  | 5560437  | 5588502  | 5577209  | 0.27   | cps   |
| Thallium   | 203-1 | 3870564  | 3902071  | 3915529  | 3896055  | 0.59   | cps   |
| Thallium   | 205-1 | 9524557  | 9668963  | 9616883  | 9603468  | 0.76   | cps   |
| Thorium    | 232-1 | 16119005 | 16313684 | 16272525 | 16235071 | 0.63   | cps   |
| Tin        | 118-1 | 2883460  | 2889136  | 2876147  | 2882914  | 0.23   | cps   |
| Titanium   | 47-1  | 2568548  | 2564561  | 2546247  | 2559785  | 0.46   | cps   |
| Uranium    | 238-1 | 15825650 | 16031297 | 15881755 | 15912901 | 0.67   | cps   |
| Vanadium   | 51-2  | 911386   | 915100   | 919067   | 915184   | 0.42   | cps   |
| Yttrium    | 89-1  | 6959001  | 6884538  | 6875871  | 6906470  | 0.66   | cps   |
| Yttrium    | 89-2  | 1165526  | 1163407  | 1163428  | 1164120  | 0.10   | cps   |



|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB103076            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV20               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV20               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2019-05-29 16:02:05 | DataFile Name :   | 055CCV.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zinc      | 66-2 | 396292  | 393305  | 391065  | 393554  | 0.67   | cps   |
| Zirconium | 90-1 | 6308002 | 6296882 | 6251151 | 6285345 | 0.48   | cps   |
| Zirconium | 91-1 | 1376182 | 1373350 | 1360003 | 1369845 | 0.63   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB20               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB20               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 16:06:44 | DataFile Name :   | 056CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 258     | 233     | 267     | 253     | 6.86   | cps   |
| Antimony   | 121-1 | 1900    | 2200    | 2384    | 2161    | 11.29  | cps   |
| Arsenic    | 75-2  | 9       | 17      | 28      | 18      | 52.07  | cps   |
| Barium     | 135-1 | 350     | 342     | 192     | 294     | 30.26  | cps   |
| Barium     | 137-1 | 400     | 492     | 308     | 400     | 22.92  | cps   |
| Beryllium  | 9-1   | 227     | 273     | 223     | 241     | 11.59  | cps   |
| Bismuth    | 209-1 | 6861544 | 6874714 | 6835657 | 6857305 | 0.29   | cps   |
| Bismuth    | 209-2 | 4483152 | 4495250 | 4508804 | 4495735 | 0.29   | cps   |
| Boron      | 10-1  | 3951    | 3834    | 3526    | 3770    | 5.83   | cps   |
| Boron      | 11-1  | 17177   | 16426   | 15684   | 16429   | 4.55   | cps   |
| Cadmium    | 111-1 | 2336    | 2280    | 2407    | 2341    | 2.71   | cps   |
| Cadmium    | 106-1 | 3259    | 3184    | 3367    | 3270    | 2.82   | cps   |
| Cadmium    | 108-1 | 17      | 4       | 13      | 11      | 57.27  | cps   |
| Calcium    | 43-1  | 383     | 375     | 417     | 392     | 5.63   | cps   |
| Calcium    | 44-1  | 11747   | 10204   | 10596   | 10849   | 7.39   | cps   |
| Chromium   | 52-2  | 577     | 487     | 583     | 549     | 9.84   | cps   |
| Cobalt     | 59-2  | 133     | 103     | 110     | 116     | 13.63  | cps   |
| Copper     | 63-2  | 517     | 367     | 517     | 467     | 18.56  | cps   |
| Dysprosium | 156-1 | 0       | 8       | 25      | 11      | 114.58 | cps   |
| Dysprosium | 156-2 | 3       | 3       | 3       | 3       | 0.00   | cps   |
| Erbium     | 164-1 | 17      | 50      | 17      | 28      | 69.27  | cps   |
| Erbium     | 164-2 | 10      | 20      | 30      | 20      | 50.00  | cps   |
| Gadolinium | 160-1 | 42      | 50      | 42      | 44      | 10.82  | cps   |
| Gadolinium | 160-2 | 157     | 183     | 163     | 168     | 8.27   | cps   |
| Holmium    | 165-1 | 9890390 | 9850497 | 9836682 | 9859190 | 0.28   | cps   |
| Holmium    | 165-2 | 5880143 | 5921496 | 5923347 | 5908329 | 0.41   | cps   |
| Indium     | 115-1 | 7168885 | 7137861 | 7160551 | 7155766 | 0.22   | cps   |
| Indium     | 115-2 | 1653416 | 1671552 | 1667655 | 1664208 | 0.57   | cps   |
| Iron       | 56-2  | 13879   | 12216   | 12989   | 13028   | 6.39   | cps   |
| Iron       | 57-2  | 389     | 339     | 289     | 339     | 14.75  | cps   |
| Krypton    | 83-1  | 320     | 273     | 257     | 283     | 11.59  | cps   |
| Lead       | 206-1 | 794     | 722     | 683     | 733     | 7.69   | cps   |
| Lead       | 207-1 | 661     | 528     | 589     | 593     | 11.26  | cps   |
| Lead       | 208-1 | 2928    | 2711    | 2628    | 2756    | 5.62   | cps   |
| Lithium    | 6-1   | 2741745 | 2759101 | 2739742 | 2746863 | 0.39   | cps   |
| Magnesium  | 24-2  | 1792    | 1625    | 1625    | 1681    | 5.73   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB20               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB20               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 16:06:44 | DataFile Name :   | 056CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 123      | 130      | 63       | 106      | 34.79  | cps   |
| Molybdenum | 94-1  | 1092     | 1158     | 983      | 1078     | 8.20   | cps   |
| Molybdenum | 95-1  | 1217     | 1233     | 1317     | 1256     | 4.27   | cps   |
| Molybdenum | 96-1  | 1417     | 1550     | 1258     | 1408     | 10.37  | cps   |
| Molybdenum | 97-1  | 908      | 767      | 733      | 803      | 11.57  | cps   |
| Molybdenum | 98-1  | 2159     | 2092     | 1800     | 2017     | 9.45   | cps   |
| Neodymium  | 150-1 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Neodymium  | 150-2 | 0        | 7        | 0        | 2        | 173.21 | cps   |
| Nickel     | 60-2  | 47       | 60       | 47       | 51       | 15.06  | cps   |
| Phosphorus | 31-2  | 58       | 133      | 133      | 108      | 39.97  | cps   |
| Potassium  | 39-2  | 18754    | 18913    | 19497    | 19055    | 2.05   | cps   |
| Rhodium    | 103-1 | 6454592  | 6445910  | 6456829  | 6452443  | 0.09   | cps   |
| Rhodium    | 103-2 | 3218124  | 3256073  | 3248305  | 3240834  | 0.62   | cps   |
| Scandium   | 45-1  | 4850372  | 4866689  | 4868315  | 4861792  | 0.20   | cps   |
| Scandium   | 45-2  | 226577   | 229122   | 229899   | 228533   | 0.76   | cps   |
| Selenium   | 77-2  | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 43       | 48       | 41       | 44       | 8.80   | cps   |
| Selenium   | 82-1  | 147      | 157      | 185      | 163      | 12.03  | cps   |
| Silicon    | 28-1  | 174709   | 207583   | 200342   | 194211   | 8.89   | cps   |
| Silver     | 109-1 | 292      | 317      | 308      | 306      | 4.17   | cps   |
| Silver     | 107-1 | 292      | 358      | 350      | 333      | 10.90  | cps   |
| Sodium     | 23-2  | 17277    | 16994    | 16334    | 16868    | 2.87   | cps   |
| Strontium  | 86-1  | 425      | 658      | 475      | 519      | 23.65  | cps   |
| Strontium  | 88-1  | 625      | 692      | 633      | 650      | 5.59   | cps   |
| Sulfur     | 34-1  | 302581   | 302293   | 304122   | 302999   | 0.32   | cps   |
| Terbium    | 159-1 | 10186949 | 10239302 | 10258858 | 10228370 | 0.36   | cps   |
| Terbium    | 159-2 | 5808322  | 5873132  | 5860716  | 5847390  | 0.59   | cps   |
| Thallium   | 203-1 | 792      | 617      | 592      | 667      | 16.35  | cps   |
| Thallium   | 205-1 | 1759     | 1408     | 1383     | 1517     | 13.82  | cps   |
| Thorium    | 232-1 | 1961     | 1828     | 1689     | 1826     | 7.46   | cps   |
| Tin        | 118-1 | 858      | 925      | 892      | 892      | 3.74   | cps   |
| Titanium   | 47-1  | 267      | 225      | 258      | 250      | 8.82   | cps   |
| Uranium    | 238-1 | 767      | 733      | 550      | 683      | 17.07  | cps   |
| Vanadium   | 51-2  | 17       | 53       | 37       | 36       | 51.62  | cps   |
| Yttrium    | 89-1  | 7544682  | 7541765  | 7514386  | 7533611  | 0.22   | cps   |
| Yttrium    | 89-2  | 1247828  | 1258795  | 1257868  | 1254831  | 0.48   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB20               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB20               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 16:06:44 | DataFile Name :   | 056CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zinc      | 66-2 | 273  | 287  | 310  | 290     | 6.40   | cps   |
| Zirconium | 90-1 | 1283 | 1050 | 975  | 1103    | 14.58  | cps   |
| Zirconium | 91-1 | 267  | 183  | 142  | 197     | 32.27  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-02LDLX25      | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-12(9.5-10)LDL  | Dilution Factor : | 25        |
| Date & Time Acquired :: | 2019-05-29 16:10:20 | DataFile Name :   | 057SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 300135   | 304322   | 305190   | 303216   | 0.89   | cps   |
| Antimony   | 121-1 | 775      | 633      | 800      | 736      | 12.21  | cps   |
| Arsenic    | 75-2  | 463      | 489      | 476      | 476      | 2.72   | cps   |
| Barium     | 135-1 | 23045    | 22694    | 23011    | 22917    | 0.84   | cps   |
| Barium     | 137-1 | 40710    | 41095    | 39574    | 40460    | 1.95   | cps   |
| Beryllium  | 9-1   | 570      | 530      | 617      | 572      | 7.58   | cps   |
| Bismuth    | 209-1 | 6870746  | 6317529  | 6707195  | 6631824  | 4.29   | cps   |
| Bismuth    | 209-2 | 4372615  | 4488739  | 4429108  | 4430154  | 1.31   | cps   |
| Boron      | 10-1  | 2609     | 2325     | 2017     | 2317     | 12.77  | cps   |
| Boron      | 11-1  | 10529    | 10170    | 10171    | 10290    | 2.01   | cps   |
| Cadmium    | 111-1 | 2645     | 2269     | 2274     | 2396     | 9.00   | cps   |
| Cadmium    | 106-1 | 3659     | 3209     | 3176     | 3348     | 8.07   | cps   |
| Cadmium    | 108-1 | 42       | 75       | 58       | 58       | 28.57  | cps   |
| Calcium    | 43-1  | 4351     | 4076     | 4434     | 4287     | 4.38   | cps   |
| Calcium    | 44-1  | 72587    | 73668    | 73098    | 73117    | 0.74   | cps   |
| Chromium   | 52-2  | 15589    | 15615    | 15392    | 15532    | 0.79   | cps   |
| Cobalt     | 59-2  | 12766    | 13296    | 13807    | 13290    | 3.92   | cps   |
| Copper     | 63-2  | 18335    | 19033    | 19096    | 18821    | 2.24   | cps   |
| Dysprosium | 156-1 | 9854     | 10188    | 9379     | 9807     | 4.15   | cps   |
| Dysprosium | 156-2 | 5661     | 5918     | 5785     | 5788     | 2.22   | cps   |
| Erbium     | 164-1 | 8211     | 8345     | 7969     | 8175     | 2.33   | cps   |
| Erbium     | 164-2 | 4644     | 4761     | 4594     | 4666     | 1.83   | cps   |
| Gadolinium | 160-1 | 8511     | 8912     | 8495     | 8639     | 2.73   | cps   |
| Gadolinium | 160-2 | 5665     | 5931     | 5708     | 5768     | 2.48   | cps   |
| Holmium    | 165-1 | 10028348 | 9158260  | 9770785  | 9652464  | 4.63   | cps   |
| Holmium    | 165-2 | 5829516  | 5956498  | 5871319  | 5885778  | 1.10   | cps   |
| Indium     | 115-1 | 7220028  | 6604038  | 7034744  | 6952937  | 4.55   | cps   |
| Indium     | 115-2 | 1650462  | 1673757  | 1665429  | 1663216  | 0.71   | cps   |
| Iron       | 56-2  | 17259294 | 17594563 | 17659948 | 17504602 | 1.23   | cps   |
| Iron       | 57-2  | 416905   | 429500   | 428663   | 425023   | 1.66   | cps   |
| Krypton    | 83-1  | 310      | 293      | 273      | 292      | 6.28   | cps   |
| Lead       | 206-1 | 26733    | 27445    | 26354    | 26844    | 2.06   | cps   |
| Lead       | 207-1 | 23471    | 23054    | 22341    | 22955    | 2.49   | cps   |
| Lead       | 208-1 | 108181   | 106891   | 104708   | 106593   | 1.65   | cps   |
| Lithium    | 6-1   | 2832017  | 2642067  | 2770235  | 2748107  | 3.53   | cps   |
| Magnesium  | 24-2  | 295852   | 303958   | 299224   | 299678   | 1.36   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-02LDLX25      | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-12(9.5-10)LDL  | Dilution Factor : | 25        |
| Date & Time Acquired :: | 2019-05-29 16:10:20 | DataFile Name :   | 057SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2    | CPS3     | CPSMean | CPSRSD | Units |
|------------|-------|----------|---------|----------|---------|--------|-------|
| Manganese  | 55-2  | 332828   | 342349  | 339983   | 338387  | 1.46   | cps   |
| Molybdenum | 94-1  | 12414    | 12573   | 12631    | 12539   | 0.89   | cps   |
| Molybdenum | 95-1  | 1675     | 1617    | 1575     | 1622    | 3.10   | cps   |
| Molybdenum | 96-1  | 3659     | 3767    | 3651     | 3692    | 1.76   | cps   |
| Molybdenum | 97-1  | 842      | 908     | 908      | 886     | 4.34   | cps   |
| Molybdenum | 98-1  | 2534     | 2609    | 2267     | 2470    | 7.27   | cps   |
| Neodymium  | 150-1 | 12579    | 12913   | 12967    | 12820   | 1.64   | cps   |
| Neodymium  | 150-2 | 6135     | 6375    | 6305     | 6272    | 1.97   | cps   |
| Nickel     | 60-2  | 7475     | 7909    | 8042     | 7809    | 3.80   | cps   |
| Phosphorus | 31-2  | 542      | 783     | 642      | 656     | 18.52  | cps   |
| Potassium  | 39-2  | 59630    | 59830   | 60215    | 59891   | 0.50   | cps   |
| Rhodium    | 103-1 | 6565924  | 5992530 | 6439429  | 6332628 | 4.76   | cps   |
| Rhodium    | 103-2 | 3218198  | 3269647 | 3239156  | 3242334 | 0.80   | cps   |
| Scandium   | 45-1  | 4986619  | 4600761 | 4842251  | 4809877 | 4.05   | cps   |
| Scandium   | 45-2  | 226151   | 234162  | 231676   | 230663  | 1.78   | cps   |
| Selenium   | 77-2  | 7        | 20      | 23       | 17      | 52.90  | cps   |
| Selenium   | 78-2  | 65       | 76      | 69       | 70      | 8.11   | cps   |
| Selenium   | 82-1  | 185      | 193     | 220      | 199     | 9.36   | cps   |
| Silicon    | 28-1  | 3606662  | 3612738 | 3535367  | 3584922 | 1.20   | cps   |
| Silver     | 109-1 | 192      | 108     | 175      | 158     | 27.85  | cps   |
| Silver     | 107-1 | 208      | 200     | 267      | 225     | 16.14  | cps   |
| Sodium     | 23-2  | 14599    | 14566   | 14641    | 14602   | 0.26   | cps   |
| Strontium  | 86-1  | 5268     | 4809    | 4984     | 5021    | 4.61   | cps   |
| Strontium  | 88-1  | 41244    | 40466   | 39221    | 40310   | 2.53   | cps   |
| Sulfur     | 34-1  | 297592   | 295747  | 292967   | 295435  | 0.79   | cps   |
| Terbium    | 159-1 | 10302430 | 9507714 | 10124182 | 9978109 | 4.18   | cps   |
| Terbium    | 159-2 | 5799230  | 5905678 | 5849393  | 5851434 | 0.91   | cps   |
| Thallium   | 203-1 | 575      | 492     | 467      | 511     | 11.10  | cps   |
| Thallium   | 205-1 | 1250     | 1100    | 992      | 1114    | 11.65  | cps   |
| Thorium    | 232-1 | 47648    | 48278   | 47598    | 47841   | 0.79   | cps   |
| Tin        | 118-1 | 683      | 675     | 675      | 678     | 0.71   | cps   |
| Titanium   | 47-1  | 16418    | 17278   | 16368    | 16688   | 3.07   | cps   |
| Uranium    | 238-1 | 6352     | 6218    | 6135     | 6235    | 1.75   | cps   |
| Vanadium   | 51-2  | 10040    | 10130   | 10390    | 10187   | 1.79   | cps   |
| Yttrium    | 89-1  | 7785772  | 7147617 | 7556573  | 7496654 | 4.31   | cps   |
| Yttrium    | 89-2  | 1252952  | 1281581 | 1265314  | 1266615 | 1.13   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-02LDLX25      | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-12(9.5-10)LDL  | Dilution Factor : | 25        |
| Date & Time Acquired :: | 2019-05-29 16:10:20 | DataFile Name :   | 057SMPL.d |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zinc      | 66-2 | 8786  | 9216  | 9116  | 9040    | 2.49   | cps   |
| Zirconium | 90-1 | 30843 | 32329 | 31085 | 31419   | 2.54   | cps   |
| Zirconium | 91-1 | 6677  | 6994  | 6460  | 6710    | 4.00   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-02MSDLX5      | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-12(9.5-10)MSDL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 16:13:56 | DataFile Name :   | 058SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1906639  | 1890973  | 1894823  | 1897479  | 0.43   | cps   |
| Antimony   | 121-1 | 259523   | 255145   | 257488   | 257385   | 0.85   | cps   |
| Arsenic    | 75-2  | 28383    | 27573    | 27958    | 27971    | 1.45   | cps   |
| Barium     | 135-1 | 1141002  | 1131496  | 1132035  | 1134845  | 0.47   | cps   |
| Barium     | 137-1 | 1986308  | 1967607  | 1971875  | 1975263  | 0.50   | cps   |
| Beryllium  | 9-1   | 221097   | 217389   | 216988   | 218491   | 1.04   | cps   |
| Bismuth    | 209-1 | 6438972  | 6509070  | 6508089  | 6485377  | 0.62   | cps   |
| Bismuth    | 209-2 | 4375244  | 4353804  | 4413734  | 4380927  | 0.69   | cps   |
| Boron      | 10-1  | 32102    | 32285    | 32862    | 32416    | 1.22   | cps   |
| Boron      | 11-1  | 144317   | 143200   | 144604   | 144040   | 0.51   | cps   |
| Cadmium    | 111-1 | 219604   | 218454   | 216304   | 218121   | 0.77   | cps   |
| Cadmium    | 106-1 | 29498    | 28488    | 29106    | 29031    | 1.75   | cps   |
| Cadmium    | 108-1 | 17657    | 17010    | 16694    | 17120    | 2.87   | cps   |
| Calcium    | 43-1  | 285050   | 285937   | 287836   | 286275   | 0.50   | cps   |
| Calcium    | 44-1  | 4683377  | 4674802  | 4657606  | 4671929  | 0.28   | cps   |
| Chromium   | 52-2  | 332341   | 331118   | 334346   | 332602   | 0.49   | cps   |
| Cobalt     | 59-2  | 477029   | 474179   | 476079   | 475763   | 0.31   | cps   |
| Copper     | 63-2  | 607909   | 604954   | 610985   | 607949   | 0.50   | cps   |
| Dysprosium | 156-1 | 52142    | 51723    | 51707    | 51857    | 0.48   | cps   |
| Dysprosium | 156-2 | 30531    | 29806    | 30574    | 30304    | 1.42   | cps   |
| Erbium     | 164-1 | 41213    | 42058    | 40736    | 41336    | 1.62   | cps   |
| Erbium     | 164-2 | 24876    | 24622    | 24826    | 24775    | 0.54   | cps   |
| Gadolinium | 160-1 | 47400    | 46773    | 48177    | 47450    | 1.48   | cps   |
| Gadolinium | 160-2 | 30932    | 30237    | 30524    | 30564    | 1.14   | cps   |
| Holmium    | 165-1 | 9658578  | 9699431  | 9689794  | 9682601  | 0.22   | cps   |
| Holmium    | 165-2 | 5938578  | 5914806  | 5950409  | 5934598  | 0.31   | cps   |
| Indium     | 115-1 | 6872669  | 6837096  | 6852166  | 6853977  | 0.26   | cps   |
| Indium     | 115-2 | 1641272  | 1633596  | 1655962  | 1643610  | 0.69   | cps   |
| Iron       | 56-2  | 97818344 | 96574966 | 97012080 | 97135130 | 0.65   | cps   |
| Iron       | 57-2  | 2366976  | 2347976  | 2360956  | 2358636  | 0.41   | cps   |
| Krypton    | 83-1  | 340      | 297      | 347      | 328      | 8.28   | cps   |
| Lead       | 206-1 | 870567   | 863940   | 857164   | 863890   | 0.78   | cps   |
| Lead       | 207-1 | 763646   | 767260   | 757881   | 762929   | 0.62   | cps   |
| Lead       | 208-1 | 3481988  | 3488313  | 3460038  | 3476779  | 0.43   | cps   |
| Lithium    | 6-1   | 2735840  | 2723627  | 2723978  | 2727815  | 0.25   | cps   |
| Magnesium  | 24-2  | 3781290  | 3781844  | 3790268  | 3784468  | 0.13   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-02MSDLX5      | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-12(9.5-10)MSDL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 16:13:56 | DataFile Name :   | 058SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 1945024  | 1928419  | 1935969  | 1936470  | 0.43   | cps   |
| Molybdenum | 94-1  | 1740387  | 1745140  | 1724942  | 1736823  | 0.61   | cps   |
| Molybdenum | 95-1  | 1994188  | 1986858  | 1970760  | 1983935  | 0.60   | cps   |
| Molybdenum | 96-1  | 2216478  | 2214799  | 2220977  | 2217418  | 0.14   | cps   |
| Molybdenum | 97-1  | 1246118  | 1223167  | 1231331  | 1233539  | 0.94   | cps   |
| Molybdenum | 98-1  | 3213188  | 3165548  | 3175293  | 3184676  | 0.79   | cps   |
| Neodymium  | 150-1 | 69469    | 69871    | 68698    | 69346    | 0.86   | cps   |
| Neodymium  | 150-2 | 32976    | 32679    | 33020    | 32891    | 0.56   | cps   |
| Nickel     | 60-2  | 141013   | 140798   | 141458   | 141090   | 0.24   | cps   |
| Phosphorus | 31-2  | 2367     | 2792     | 2592     | 2584     | 8.23   | cps   |
| Potassium  | 39-2  | 1245396  | 1243303  | 1254374  | 1247691  | 0.47   | cps   |
| Rhodium    | 103-1 | 6172728  | 6110127  | 6172799  | 6151885  | 0.59   | cps   |
| Rhodium    | 103-2 | 3158115  | 3158908  | 3189335  | 3168786  | 0.56   | cps   |
| Scandium   | 45-1  | 4841242  | 4883373  | 4844871  | 4856495  | 0.48   | cps   |
| Scandium   | 45-2  | 232149   | 233164   | 234275   | 233196   | 0.46   | cps   |
| Selenium   | 77-2  | 793      | 853      | 847      | 831      | 3.96   | cps   |
| Selenium   | 78-2  | 2565     | 2526     | 2634     | 2575     | 2.11   | cps   |
| Selenium   | 82-1  | 13653    | 13505    | 13370    | 13509    | 1.05   | cps   |
| Silicon    | 28-1  | 19572776 | 19580932 | 19493935 | 19549215 | 0.25   | cps   |
| Silver     | 109-1 | 922787   | 920160   | 903540   | 915496   | 1.14   | cps   |
| Silver     | 107-1 | 966973   | 966129   | 958545   | 963882   | 0.48   | cps   |
| Sodium     | 23-2  | 4531082  | 4486573  | 4497246  | 4504967  | 0.52   | cps   |
| Strontium  | 86-1  | 298288   | 294785   | 294225   | 295766   | 0.74   | cps   |
| Strontium  | 88-1  | 2597426  | 2571995  | 2552542  | 2573988  | 0.87   | cps   |
| Sulfur     | 34-1  | 258700   | 260323   | 261090   | 260037   | 0.47   | cps   |
| Terbium    | 159-1 | 9933578  | 10001872 | 10089868 | 10008439 | 0.78   | cps   |
| Terbium    | 159-2 | 5877853  | 5837740  | 5886596  | 5867396  | 0.44   | cps   |
| Thallium   | 203-1 | 872274   | 863370   | 868035   | 867893   | 0.51   | cps   |
| Thallium   | 205-1 | 2091312  | 2069052  | 2082244  | 2080869  | 0.54   | cps   |
| Thorium    | 232-1 | 247499   | 247673   | 245924   | 247032   | 0.39   | cps   |
| Tin        | 118-1 | 343770   | 339357   | 342330   | 341819   | 0.66   | cps   |
| Titanium   | 47-1  | 618472   | 622805   | 616031   | 619102   | 0.55   | cps   |
| Uranium    | 238-1 | 3426557  | 3424718  | 3385468  | 3412248  | 0.68   | cps   |
| Vanadium   | 51-2  | 266169   | 265616   | 263417   | 265068   | 0.55   | cps   |
| Yttrium    | 89-1  | 7894752  | 7823742  | 7847366  | 7855287  | 0.46   | cps   |
| Yttrium    | 89-2  | 1331550  | 1332788  | 1336296  | 1333545  | 0.18   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-02MSDLX5      | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-12(9.5-10)MSDL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 16:13:56 | DataFile Name :   | 058SMPL.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zinc      | 66-2 | 131869  | 130917  | 129949  | 130912  | 0.73   | cps   |
| Zirconium | 90-1 | 1652038 | 1644795 | 1630545 | 1642459 | 0.67   | cps   |
| Zirconium | 91-1 | 370302  | 366574  | 368588  | 368488  | 0.51   | cps   |

LB Number : LB103076 Operator : Jaswal  
 Lab Sample ID : K2906-02MSDDLX5 Instrumnet Name : P7  
 Client Sample ID : FESB-12(9.5-10)MSDDL Dilution Factor : 5  
 Date & Time Acquired :: 2019-05-29 16:17:32 DataFile Name : 059SMPL.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 1989466   | 1981840   | 1981800   | 1984369   | 0.22   | cps   |
| Antimony   | 121-1 | 250717    | 251466    | 250615    | 250933    | 0.19   | cps   |
| Arsenic    | 75-2  | 28849     | 29239     | 29098     | 29062     | 0.68   | cps   |
| Barium     | 135-1 | 1194583   | 1177245   | 1180557   | 1184128   | 0.78   | cps   |
| Barium     | 137-1 | 2059862   | 2046311   | 2054642   | 2053605   | 0.33   | cps   |
| Beryllium  | 9-1   | 228383    | 226312    | 223843    | 226179    | 1.00   | cps   |
| Bismuth    | 209-1 | 6624871   | 6618745   | 6628346   | 6623987   | 0.07   | cps   |
| Bismuth    | 209-2 | 4410220   | 4439881   | 4417017   | 4422373   | 0.35   | cps   |
| Boron      | 10-1  | 35092     | 33346     | 33847     | 34095     | 2.64   | cps   |
| Boron      | 11-1  | 151487    | 151982    | 151721    | 151730    | 0.16   | cps   |
| Cadmium    | 111-1 | 224494    | 221104    | 220390    | 221996    | 0.99   | cps   |
| Cadmium    | 106-1 | 29749     | 29223     | 29423     | 29465     | 0.90   | cps   |
| Cadmium    | 108-1 | 17816     | 17816     | 17653     | 17761     | 0.53   | cps   |
| Calcium    | 43-1  | 301765    | 296679    | 294400    | 297614    | 1.27   | cps   |
| Calcium    | 44-1  | 4908737   | 4885448   | 4833871   | 4876019   | 0.79   | cps   |
| Chromium   | 52-2  | 344692    | 340706    | 339787    | 341728    | 0.76   | cps   |
| Cobalt     | 59-2  | 480147    | 481003    | 480664    | 480605    | 0.09   | cps   |
| Copper     | 63-2  | 631564    | 632053    | 629317    | 630978    | 0.23   | cps   |
| Dysprosium | 156-1 | 53865     | 52535     | 53313     | 53238     | 1.26   | cps   |
| Dysprosium | 156-2 | 31306     | 30638     | 31546     | 31163     | 1.51   | cps   |
| Erbium     | 164-1 | 41481     | 41682     | 43069     | 42077     | 2.05   | cps   |
| Erbium     | 164-2 | 25664     | 25708     | 25307     | 25560     | 0.86   | cps   |
| Gadolinium | 160-1 | 48077     | 47826     | 48838     | 48247     | 1.09   | cps   |
| Gadolinium | 160-2 | 31059     | 31927     | 32191     | 31726     | 1.87   | cps   |
| Holmium    | 165-1 | 9997341   | 10006274  | 9990960   | 9998192   | 0.08   | cps   |
| Holmium    | 165-2 | 6025582   | 6019530   | 5994073   | 6013062   | 0.28   | cps   |
| Indium     | 115-1 | 7080462   | 7049418   | 7001102   | 7043661   | 0.57   | cps   |
| Indium     | 115-2 | 1658452   | 1666182   | 1660568   | 1661734   | 0.24   | cps   |
| Iron       | 56-2  | 101252391 | 100492930 | 100336833 | 100694051 | 0.49   | cps   |
| Iron       | 57-2  | 2423327   | 2447199   | 2439720   | 2436749   | 0.50   | cps   |
| Krypton    | 83-1  | 387       | 357       | 393       | 379       | 5.16   | cps   |
| Lead       | 206-1 | 890007    | 889267    | 884659    | 887978    | 0.33   | cps   |
| Lead       | 207-1 | 782007    | 778354    | 772459    | 777607    | 0.62   | cps   |
| Lead       | 208-1 | 3575700   | 3557727   | 3547725   | 3560384   | 0.40   | cps   |
| Lithium    | 6-1   | 2808265   | 2811447   | 2791403   | 2803705   | 0.38   | cps   |
| Magnesium  | 24-2  | 3759954   | 3770536   | 3759989   | 3763493   | 0.16   | cps   |

LB Number : LB103076 Operator : Jaswal  
 Lab Sample ID : K2906-02MSDDLX5 Instrumnet Name : P7  
 Client Sample ID : FESB-12(9.5-10)MSDDL Dilution Factor : 5  
 Date & Time Acquired :: 2019-05-29 16:17:32 DataFile Name : 059SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 2016653  | 1998709  | 2012590  | 2009318  | 0.47   | cps   |
| Molybdenum | 94-1  | 1801846  | 1799961  | 1785680  | 1795829  | 0.49   | cps   |
| Molybdenum | 95-1  | 2062098  | 2049893  | 2030659  | 2047550  | 0.77   | cps   |
| Molybdenum | 96-1  | 2305512  | 2288409  | 2291173  | 2295031  | 0.40   | cps   |
| Molybdenum | 97-1  | 1281760  | 1287857  | 1264714  | 1278111  | 0.94   | cps   |
| Molybdenum | 98-1  | 3326196  | 3328049  | 3261645  | 3305297  | 1.14   | cps   |
| Neodymium  | 150-1 | 72222    | 71593    | 72170    | 71995    | 0.49   | cps   |
| Neodymium  | 150-2 | 34694    | 35148    | 34456    | 34766    | 1.01   | cps   |
| Nickel     | 60-2  | 143487   | 144120   | 143274   | 143627   | 0.31   | cps   |
| Phosphorus | 31-2  | 3050     | 2317     | 2767     | 2711     | 13.64  | cps   |
| Potassium  | 39-2  | 1314216  | 1300001  | 1301178  | 1305132  | 0.60   | cps   |
| Rhodium    | 103-1 | 6375093  | 6406230  | 6291679  | 6357668  | 0.93   | cps   |
| Rhodium    | 103-2 | 3194469  | 3224714  | 3194000  | 3204395  | 0.55   | cps   |
| Scandium   | 45-1  | 5059510  | 5019358  | 5000501  | 5026456  | 0.60   | cps   |
| Scandium   | 45-2  | 237225   | 237962   | 235691   | 236959   | 0.49   | cps   |
| Selenium   | 77-2  | 810      | 893      | 847      | 850      | 4.91   | cps   |
| Selenium   | 78-2  | 2526     | 2748     | 2541     | 2605     | 4.77   | cps   |
| Selenium   | 82-1  | 14025    | 14366    | 14178    | 14190    | 1.20   | cps   |
| Silicon    | 28-1  | 16390667 | 16389795 | 16166256 | 16315572 | 0.79   | cps   |
| Silver     | 109-1 | 959739   | 943737   | 942262   | 948580   | 1.02   | cps   |
| Silver     | 107-1 | 984913   | 982119   | 977959   | 981664   | 0.36   | cps   |
| Sodium     | 23-2  | 4598155  | 4564274  | 4589769  | 4584066  | 0.38   | cps   |
| Strontium  | 86-1  | 305553   | 303434   | 305408   | 304798   | 0.39   | cps   |
| Strontium  | 88-1  | 2696693  | 2678824  | 2654405  | 2676641  | 0.79   | cps   |
| Sulfur     | 34-1  | 250191   | 247285   | 246353   | 247943   | 0.81   | cps   |
| Terbium    | 159-1 | 10320411 | 10248053 | 10282982 | 10283815 | 0.35   | cps   |
| Terbium    | 159-2 | 5964906  | 5933237  | 5928614  | 5942252  | 0.33   | cps   |
| Thallium   | 203-1 | 897953   | 902601   | 891009   | 897187   | 0.65   | cps   |
| Thallium   | 205-1 | 2156472  | 2150350  | 2121745  | 2142856  | 0.87   | cps   |
| Thorium    | 232-1 | 364301   | 365948   | 362443   | 364231   | 0.48   | cps   |
| Tin        | 118-1 | 373225   | 374424   | 373523   | 373724   | 0.17   | cps   |
| Titanium   | 47-1  | 659645   | 648201   | 648404   | 652083   | 1.00   | cps   |
| Uranium    | 238-1 | 3513357  | 3519118  | 3460790  | 3497755  | 0.92   | cps   |
| Vanadium   | 51-2  | 277098   | 276025   | 274766   | 275963   | 0.42   | cps   |
| Yttrium    | 89-1  | 8174023  | 8141392  | 8079907  | 8131774  | 0.59   | cps   |
| Yttrium    | 89-2  | 1358083  | 1353855  | 1346181  | 1352706  | 0.45   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB103076             | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-02MSDDLX5      | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-12(9.5-10)MSDDL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 16:17:32  | DataFile Name :   | 059SMPL.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zinc      | 66-2 | 133218  | 133934  | 135642  | 134265  | 0.93   | cps   |
| Zirconium | 90-1 | 1741859 | 1729835 | 1706425 | 1726040 | 1.04   | cps   |
| Zirconium | 91-1 | 389756  | 385057  | 382392  | 385735  | 0.97   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-02ADLX5       | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-12(9.5-10)ADL  | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 16:21:08 | DataFile Name :   | 060SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1936081  | 1931453  | 1938792  | 1935442  | 0.19   | cps   |
| Antimony   | 121-1 | 260916   | 257973   | 260974   | 259954   | 0.66   | cps   |
| Arsenic    | 75-2  | 28558    | 28732    | 28606    | 28632    | 0.31   | cps   |
| Barium     | 135-1 | 1177777  | 1161615  | 1158876  | 1166089  | 0.88   | cps   |
| Barium     | 137-1 | 2017996  | 2019078  | 2008758  | 2015277  | 0.28   | cps   |
| Beryllium  | 9-1   | 223270   | 222414   | 221706   | 222463   | 0.35   | cps   |
| Bismuth    | 209-1 | 6761886  | 6647697  | 6655208  | 6688264  | 0.95   | cps   |
| Bismuth    | 209-2 | 4436035  | 4431018  | 4443204  | 4436752  | 0.14   | cps   |
| Boron      | 10-1  | 32995    | 34089    | 34031    | 33705    | 1.83   | cps   |
| Boron      | 11-1  | 145136   | 149187   | 149205   | 147843   | 1.59   | cps   |
| Cadmium    | 111-1 | 221762   | 218569   | 217645   | 219325   | 0.98   | cps   |
| Cadmium    | 106-1 | 29273    | 28329    | 29048    | 28883    | 1.71   | cps   |
| Cadmium    | 108-1 | 17065    | 16969    | 17361    | 17131    | 1.19   | cps   |
| Calcium    | 43-1  | 294612   | 290228   | 288956   | 291265   | 1.02   | cps   |
| Calcium    | 44-1  | 4775075  | 4733401  | 4726552  | 4745009  | 0.55   | cps   |
| Chromium   | 52-2  | 337256   | 336636   | 337896   | 337263   | 0.19   | cps   |
| Cobalt     | 59-2  | 481359   | 478107   | 475192   | 478220   | 0.65   | cps   |
| Copper     | 63-2  | 621529   | 617416   | 621824   | 620256   | 0.40   | cps   |
| Dysprosium | 156-1 | 53823    | 51983    | 52786    | 52864    | 1.74   | cps   |
| Dysprosium | 156-2 | 31049    | 30982    | 31119    | 31050    | 0.22   | cps   |
| Erbium     | 164-1 | 42392    | 42776    | 41949    | 42372    | 0.98   | cps   |
| Erbium     | 164-2 | 25230    | 25270    | 25354    | 25285    | 0.25   | cps   |
| Gadolinium | 160-1 | 47951    | 47149    | 49164    | 48088    | 2.11   | cps   |
| Gadolinium | 160-2 | 30898    | 31049    | 31189    | 31045    | 0.47   | cps   |
| Holmium    | 165-1 | 10041598 | 9985877  | 9966489  | 9997988  | 0.39   | cps   |
| Holmium    | 165-2 | 6028454  | 6005573  | 6019386  | 6017804  | 0.19   | cps   |
| Indium     | 115-1 | 7072507  | 7001290  | 7013086  | 7028961  | 0.54   | cps   |
| Indium     | 115-2 | 1655798  | 1653485  | 1665517  | 1658267  | 0.39   | cps   |
| Iron       | 56-2  | 99282927 | 98055513 | 98584024 | 98640822 | 0.62   | cps   |
| Iron       | 57-2  | 2405701  | 2385320  | 2383778  | 2391600  | 0.51   | cps   |
| Krypton    | 83-1  | 243      | 307      | 317      | 289      | 13.77  | cps   |
| Lead       | 206-1 | 886069   | 877283   | 877995   | 880449   | 0.55   | cps   |
| Lead       | 207-1 | 783770   | 778257   | 765605   | 775877   | 1.20   | cps   |
| Lead       | 208-1 | 3574532  | 3542321  | 3519542  | 3545465  | 0.78   | cps   |
| Lithium    | 6-1   | 2815396  | 2801531  | 2778893  | 2798606  | 0.66   | cps   |
| Magnesium  | 24-2  | 3797545  | 3791737  | 3796543  | 3795275  | 0.08   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-02ADLX5       | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-12(9.5-10)ADL  | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 16:21:08 | DataFile Name :   | 060SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 1971888  | 1969074  | 1969910  | 1970291  | 0.07   | cps   |
| Molybdenum | 94-1  | 1762914  | 1755534  | 1753521  | 1757323  | 0.28   | cps   |
| Molybdenum | 95-1  | 2011892  | 2007866  | 2002164  | 2007308  | 0.24   | cps   |
| Molybdenum | 96-1  | 2256875  | 2258896  | 2236915  | 2250895  | 0.54   | cps   |
| Molybdenum | 97-1  | 1265755  | 1254739  | 1255262  | 1258585  | 0.49   | cps   |
| Molybdenum | 98-1  | 3241577  | 3227404  | 3235503  | 3234828  | 0.22   | cps   |
| Neodymium  | 150-1 | 72203    | 71498    | 71519    | 71740    | 0.56   | cps   |
| Neodymium  | 150-2 | 33040    | 33454    | 34122    | 33539    | 1.63   | cps   |
| Nickel     | 60-2  | 142904   | 142595   | 143271   | 142923   | 0.24   | cps   |
| Phosphorus | 31-2  | 2575     | 2767     | 2659     | 2667     | 3.60   | cps   |
| Potassium  | 39-2  | 1286433  | 1264240  | 1271335  | 1274003  | 0.89   | cps   |
| Rhodium    | 103-1 | 6363121  | 6341287  | 6306174  | 6336861  | 0.45   | cps   |
| Rhodium    | 103-2 | 3176330  | 3191610  | 3202228  | 3190056  | 0.41   | cps   |
| Scandium   | 45-1  | 5037079  | 4959753  | 4955897  | 4984243  | 0.92   | cps   |
| Scandium   | 45-2  | 235698   | 234902   | 236650   | 235750   | 0.37   | cps   |
| Selenium   | 77-2  | 917      | 800      | 927      | 881      | 7.99   | cps   |
| Selenium   | 78-2  | 2495     | 2554     | 2626     | 2558     | 2.57   | cps   |
| Selenium   | 82-1  | 14007    | 13876    | 13732    | 13872    | 0.99   | cps   |
| Silicon    | 28-1  | 19058764 | 18929454 | 18821880 | 18936699 | 0.63   | cps   |
| Silver     | 109-1 | 926493   | 924268   | 926219   | 925660   | 0.13   | cps   |
| Silver     | 107-1 | 978234   | 974532   | 964349   | 972372   | 0.74   | cps   |
| Sodium     | 23-2  | 4556242  | 4554708  | 4558493  | 4556481  | 0.04   | cps   |
| Strontium  | 86-1  | 302451   | 300373   | 297147   | 299990   | 0.89   | cps   |
| Strontium  | 88-1  | 2631389  | 2608841  | 2628625  | 2622952  | 0.47   | cps   |
| Sulfur     | 34-1  | 237403   | 237439   | 237319   | 237387   | 0.03   | cps   |
| Terbium    | 159-1 | 10347498 | 10297190 | 10267110 | 10303933 | 0.39   | cps   |
| Terbium    | 159-2 | 5917158  | 5927803  | 5937744  | 5927569  | 0.17   | cps   |
| Thallium   | 203-1 | 893140   | 885347   | 890724   | 889737   | 0.45   | cps   |
| Thallium   | 205-1 | 2153474  | 2126928  | 2127977  | 2136127  | 0.70   | cps   |
| Thorium    | 232-1 | 283096   | 283336   | 279839   | 282090   | 0.69   | cps   |
| Tin        | 118-1 | 354632   | 351925   | 346340   | 350966   | 1.20   | cps   |
| Titanium   | 47-1  | 637537   | 630360   | 625236   | 631044   | 0.98   | cps   |
| Uranium    | 238-1 | 3452764  | 3485503  | 3460767  | 3466345  | 0.49   | cps   |
| Vanadium   | 51-2  | 269097   | 270739   | 270111   | 269983   | 0.31   | cps   |
| Yttrium    | 89-1  | 8150332  | 8088572  | 8038884  | 8092596  | 0.69   | cps   |
| Yttrium    | 89-2  | 1351873  | 1348914  | 1349665  | 1350151  | 0.11   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-02ADLX5       | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-12(9.5-10)ADL  | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 16:21:08 | DataFile Name :   | 060SMPL.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zinc      | 66-2 | 132693  | 134445  | 131976  | 133038  | 0.95   | cps   |
| Zirconium | 90-1 | 1683573 | 1678676 | 1671335 | 1677861 | 0.37   | cps   |
| Zirconium | 91-1 | 377632  | 376543  | 378283  | 377486  | 0.23   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-03DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-09(4-4.5)DL    | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 16:24:45 | DataFile Name :   | 061SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1645818  | 1647639  | 1635373  | 1642943  | 0.40   | cps   |
| Antimony   | 121-1 | 308      | 392      | 417      | 372      | 15.24  | cps   |
| Arsenic    | 75-2  | 985      | 954      | 969      | 969      | 1.62   | cps   |
| Barium     | 135-1 | 139688   | 137795   | 138407   | 138630   | 0.70   | cps   |
| Barium     | 137-1 | 240847   | 238863   | 238269   | 239326   | 0.56   | cps   |
| Beryllium  | 9-1   | 1867     | 1840     | 1910     | 1872     | 1.89   | cps   |
| Bismuth    | 209-1 | 6857238  | 6865310  | 6822049  | 6848199  | 0.34   | cps   |
| Bismuth    | 209-2 | 4535964  | 4554700  | 4556578  | 4549080  | 0.25   | cps   |
| Boron      | 10-1  | 3867     | 3601     | 3200     | 3556     | 9.44   | cps   |
| Boron      | 11-1  | 16451    | 15450    | 14683    | 15528    | 5.71   | cps   |
| Cadmium    | 111-1 | 2918     | 2668     | 2945     | 2844     | 5.36   | cps   |
| Cadmium    | 106-1 | 3742     | 3434     | 3742     | 3640     | 4.89   | cps   |
| Cadmium    | 108-1 | 175      | 188      | 167      | 176      | 5.95   | cps   |
| Calcium    | 43-1  | 16485    | 17736    | 17628    | 17283    | 4.01   | cps   |
| Calcium    | 44-1  | 286866   | 290060   | 286966   | 287964   | 0.63   | cps   |
| Chromium   | 52-2  | 66178    | 65096    | 65197    | 65490    | 0.91   | cps   |
| Cobalt     | 59-2  | 103216   | 103549   | 103559   | 103441   | 0.19   | cps   |
| Copper     | 63-2  | 86051    | 87684    | 87362    | 87033    | 0.99   | cps   |
| Dysprosium | 156-1 | 45117    | 44799    | 44749    | 44889    | 0.44   | cps   |
| Dysprosium | 156-2 | 26198    | 26696    | 26362    | 26419    | 0.96   | cps   |
| Erbium     | 164-1 | 35355    | 35080    | 35046    | 35160    | 0.48   | cps   |
| Erbium     | 164-2 | 21096    | 20816    | 20826    | 20913    | 0.76   | cps   |
| Gadolinium | 160-1 | 38246    | 38113    | 39274    | 38544    | 1.65   | cps   |
| Gadolinium | 160-2 | 25494    | 25240    | 25330    | 25355    | 0.51   | cps   |
| Holmium    | 165-1 | 10053982 | 10119914 | 10170797 | 10114897 | 0.58   | cps   |
| Holmium    | 165-2 | 6183368  | 6162415  | 6101362  | 6149048  | 0.69   | cps   |
| Indium     | 115-1 | 7171362  | 7210113  | 7173364  | 7184947  | 0.30   | cps   |
| Indium     | 115-2 | 1695966  | 1698649  | 1712107  | 1702240  | 0.51   | cps   |
| Iron       | 56-2  | 48961525 | 48863296 | 48862232 | 48895684 | 0.12   | cps   |
| Iron       | 57-2  | 1177911  | 1180991  | 1185066  | 1181323  | 0.30   | cps   |
| Krypton    | 83-1  | 343      | 243      | 363      | 317      | 20.30  | cps   |
| Lead       | 206-1 | 65159    | 64540    | 64741    | 64813    | 0.49   | cps   |
| Lead       | 207-1 | 53647    | 52013    | 53357    | 53006    | 1.65   | cps   |
| Lead       | 208-1 | 251631   | 248747   | 249950   | 250109   | 0.58   | cps   |
| Lithium    | 6-1   | 2798707  | 2817123  | 2818247  | 2811359  | 0.39   | cps   |
| Magnesium  | 24-2  | 1221896  | 1221668  | 1226460  | 1223341  | 0.22   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-03DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-09(4-4.5)DL    | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 16:24:45 | DataFile Name :   | 061SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 1806578  | 1815646  | 1812291  | 1811505  | 0.25   | cps   |
| Molybdenum | 94-1  | 39071    | 39589    | 39531    | 39397    | 0.72   | cps   |
| Molybdenum | 95-1  | 2934     | 2792     | 2900     | 2875     | 2.58   | cps   |
| Molybdenum | 96-1  | 9962     | 9795     | 9145     | 9634     | 4.48   | cps   |
| Molybdenum | 97-1  | 1775     | 1775     | 1700     | 1750     | 2.47   | cps   |
| Molybdenum | 98-1  | 4576     | 4601     | 4167     | 4448     | 5.47   | cps   |
| Neodymium  | 150-1 | 60553    | 60299    | 59348    | 60067    | 1.06   | cps   |
| Neodymium  | 150-2 | 27935    | 28249    | 28309    | 28164    | 0.71   | cps   |
| Nickel     | 60-2  | 29800    | 29593    | 30498    | 29964    | 1.58   | cps   |
| Phosphorus | 31-2  | 2159     | 2159     | 2084     | 2134     | 2.03   | cps   |
| Potassium  | 39-2  | 286043   | 285785   | 284640   | 285489   | 0.26   | cps   |
| Rhodium    | 103-1 | 6477920  | 6501021  | 6475315  | 6484752  | 0.22   | cps   |
| Rhodium    | 103-2 | 3304498  | 3295448  | 3286828  | 3295592  | 0.27   | cps   |
| Scandium   | 45-1  | 4993366  | 5033612  | 5024003  | 5016994  | 0.42   | cps   |
| Scandium   | 45-2  | 239087   | 238697   | 240570   | 239452   | 0.41   | cps   |
| Selenium   | 77-2  | 87       | 87       | 97       | 90       | 6.41   | cps   |
| Selenium   | 78-2  | 87       | 113      | 119      | 106      | 15.82  | cps   |
| Selenium   | 82-1  | 247      | 283      | 254      | 261      | 7.37   | cps   |
| Silicon    | 28-1  | 21221825 | 21336924 | 21215830 | 21258193 | 0.32   | cps   |
| Silver     | 109-1 | 367      | 425      | 433      | 408      | 8.90   | cps   |
| Silver     | 107-1 | 533      | 633      | 483      | 550      | 13.89  | cps   |
| Sodium     | 23-2  | 46657    | 45612    | 45462    | 45910    | 1.42   | cps   |
| Strontium  | 86-1  | 14358    | 14658    | 14775    | 14597    | 1.47   | cps   |
| Strontium  | 88-1  | 125536   | 125066   | 124327   | 124976   | 0.49   | cps   |
| Sulfur     | 34-1  | 220051   | 212901   | 210519   | 214490   | 2.31   | cps   |
| Terbium    | 159-1 | 10412854 | 10391074 | 10475255 | 10426394 | 0.42   | cps   |
| Terbium    | 159-2 | 6067822  | 6046595  | 6086487  | 6066968  | 0.33   | cps   |
| Thallium   | 203-1 | 1917     | 1650     | 1333     | 1634     | 17.88  | cps   |
| Thallium   | 205-1 | 3834     | 3817     | 4017     | 3890     | 2.85   | cps   |
| Thorium    | 232-1 | 169152   | 171540   | 168031   | 169574   | 1.06   | cps   |
| Tin        | 118-1 | 942      | 1000     | 858      | 933      | 7.63   | cps   |
| Titanium   | 47-1  | 169060   | 169058   | 167677   | 168598   | 0.47   | cps   |
| Uranium    | 238-1 | 31473    | 31029    | 29802    | 30768    | 2.81   | cps   |
| Vanadium   | 51-2  | 58603    | 57736    | 58104    | 58147    | 0.75   | cps   |
| Yttrium    | 89-1  | 8003776  | 8087755  | 8072491  | 8054674  | 0.56   | cps   |
| Yttrium    | 89-2  | 1351042  | 1357343  | 1350827  | 1353071  | 0.27   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-03DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-09(4-4.5)DL    | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 16:24:45 | DataFile Name :   | 061SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zinc      | 66-2 | 39714  | 39200  | 39650  | 39521   | 0.71   | cps   |
| Zirconium | 90-1 | 101055 | 100133 | 100241 | 100476  | 0.50   | cps   |
| Zirconium | 91-1 | 22335  | 22702  | 22293  | 22443   | 1.00   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-04DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-10(8-8.5)DL    | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 16:28:21 | DataFile Name :   | 062SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1933896  | 1927227  | 1939198  | 1933440  | 0.31   | cps   |
| Antimony   | 121-1 | 500      | 400      | 508      | 469      | 12.84  | cps   |
| Arsenic    | 75-2  | 524      | 513      | 548      | 528      | 3.40   | cps   |
| Barium     | 135-1 | 237611   | 233953   | 232643   | 234736   | 1.10   | cps   |
| Barium     | 137-1 | 406891   | 405152   | 409188   | 407077   | 0.50   | cps   |
| Beryllium  | 9-1   | 2670     | 2744     | 2547     | 2654     | 3.75   | cps   |
| Bismuth    | 209-1 | 6811889  | 6743045  | 6829665  | 6794866  | 0.67   | cps   |
| Bismuth    | 209-2 | 4499806  | 4494940  | 4514787  | 4503178  | 0.23   | cps   |
| Boron      | 10-1  | 2825     | 2684     | 2675     | 2728     | 3.09   | cps   |
| Boron      | 11-1  | 12906    | 12439    | 13014    | 12786    | 2.39   | cps   |
| Cadmium    | 111-1 | 2866     | 2695     | 2439     | 2667     | 8.05   | cps   |
| Cadmium    | 106-1 | 3926     | 3667     | 3484     | 3692     | 6.01   | cps   |
| Cadmium    | 108-1 | 267      | 288      | 363      | 306      | 16.49  | cps   |
| Calcium    | 43-1  | 36412    | 35636    | 37156    | 36401    | 2.09   | cps   |
| Calcium    | 44-1  | 604410   | 603180   | 606376   | 604655   | 0.27   | cps   |
| Chromium   | 52-2  | 106336   | 106286   | 105320   | 105981   | 0.54   | cps   |
| Cobalt     | 59-2  | 53805    | 53039    | 53992    | 53612    | 0.94   | cps   |
| Copper     | 63-2  | 92661    | 93261    | 92497    | 92806    | 0.43   | cps   |
| Dysprosium | 156-1 | 90775    | 87353    | 89290    | 89139    | 1.92   | cps   |
| Dysprosium | 156-2 | 54632    | 54113    | 53888    | 54211    | 0.70   | cps   |
| Erbium     | 164-1 | 73029    | 70398    | 70768    | 71398    | 1.99   | cps   |
| Erbium     | 164-2 | 41944    | 41998    | 43054    | 42332    | 1.48   | cps   |
| Gadolinium | 160-1 | 84704    | 83086    | 84218    | 84002    | 0.99   | cps   |
| Gadolinium | 160-2 | 54950    | 54846    | 54588    | 54795    | 0.34   | cps   |
| Holmium    | 165-1 | 10115496 | 10050429 | 10061871 | 10075932 | 0.34   | cps   |
| Holmium    | 165-2 | 6108449  | 6053293  | 6091697  | 6084480  | 0.46   | cps   |
| Indium     | 115-1 | 7178376  | 7087210  | 7096269  | 7120618  | 0.71   | cps   |
| Indium     | 115-2 | 1681494  | 1692483  | 1696693  | 1690223  | 0.46   | cps   |
| Iron       | 56-2  | 51877765 | 51677446 | 51572425 | 51709212 | 0.30   | cps   |
| Iron       | 57-2  | 1246727  | 1243934  | 1253754  | 1248138  | 0.41   | cps   |
| Krypton    | 83-1  | 417      | 360      | 407      | 394      | 7.67   | cps   |
| Lead       | 206-1 | 166438   | 163543   | 165444   | 165142   | 0.89   | cps   |
| Lead       | 207-1 | 140259   | 135398   | 137521   | 137726   | 1.77   | cps   |
| Lead       | 208-1 | 649981   | 642108   | 649301   | 647130   | 0.67   | cps   |
| Lithium    | 6-1   | 2807829  | 2787883  | 2808307  | 2801339  | 0.42   | cps   |
| Magnesium  | 24-2  | 1489481  | 1488462  | 1501240  | 1493061  | 0.48   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-04DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-10(8-8.5)DL    | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 16:28:21 | DataFile Name :   | 062SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 415372   | 413536   | 412604   | 413837   | 0.34   | cps   |
| Molybdenum | 94-1  | 72409    | 71153    | 72852    | 72138    | 1.22   | cps   |
| Molybdenum | 95-1  | 1608     | 1450     | 1542     | 1533     | 5.18   | cps   |
| Molybdenum | 96-1  | 13782    | 13957    | 13816    | 13852    | 0.67   | cps   |
| Molybdenum | 97-1  | 1008     | 983      | 1008     | 1000     | 1.44   | cps   |
| Molybdenum | 98-1  | 2409     | 2409     | 2317     | 2378     | 2.23   | cps   |
| Neodymium  | 150-1 | 125985   | 124942   | 126118   | 125681   | 0.51   | cps   |
| Neodymium  | 150-2 | 60164    | 59725    | 60408    | 60099    | 0.58   | cps   |
| Nickel     | 60-2  | 37642    | 37017    | 37435    | 37364    | 0.85   | cps   |
| Phosphorus | 31-2  | 1875     | 1717     | 1892     | 1828     | 5.28   | cps   |
| Potassium  | 39-2  | 330082   | 333097   | 333491   | 332223   | 0.56   | cps   |
| Rhodium    | 103-1 | 6417569  | 6352969  | 6404865  | 6391801  | 0.54   | cps   |
| Rhodium    | 103-2 | 3236313  | 3250006  | 3275522  | 3253947  | 0.61   | cps   |
| Scandium   | 45-1  | 5033432  | 5006496  | 5035335  | 5025088  | 0.32   | cps   |
| Scandium   | 45-2  | 238799   | 237586   | 237794   | 238060   | 0.27   | cps   |
| Selenium   | 77-2  | 187      | 247      | 227      | 220      | 13.89  | cps   |
| Selenium   | 78-2  | 194      | 180      | 169      | 181      | 7.19   | cps   |
| Selenium   | 82-1  | 325      | 372      | 350      | 349      | 6.72   | cps   |
| Silicon    | 28-1  | 20971174 | 20911588 | 20907654 | 20930139 | 0.17   | cps   |
| Silver     | 109-1 | 258      | 358      | 425      | 347      | 24.16  | cps   |
| Silver     | 107-1 | 592      | 650      | 325      | 522      | 33.18  | cps   |
| Sodium     | 23-2  | 68565    | 64983    | 68615    | 67388    | 3.09   | cps   |
| Strontium  | 86-1  | 30667    | 29615    | 30734    | 30338    | 2.07   | cps   |
| Strontium  | 88-1  | 262809   | 260630   | 263642   | 262360   | 0.59   | cps   |
| Sulfur     | 34-1  | 200953   | 195835   | 197213   | 198000   | 1.34   | cps   |
| Terbium    | 159-1 | 10342199 | 10369718 | 10371270 | 10361062 | 0.16   | cps   |
| Terbium    | 159-2 | 6060957  | 6025266  | 6082277  | 6056167  | 0.48   | cps   |
| Thallium   | 203-1 | 1650     | 1625     | 1617     | 1631     | 1.06   | cps   |
| Thallium   | 205-1 | 3976     | 4009     | 4259     | 4081     | 3.80   | cps   |
| Thorium    | 232-1 | 476404   | 471097   | 467544   | 471682   | 0.95   | cps   |
| Tin        | 118-1 | 1200     | 1050     | 1258     | 1170     | 9.19   | cps   |
| Titanium   | 47-1  | 330785   | 322160   | 326978   | 326641   | 1.32   | cps   |
| Uranium    | 238-1 | 50683    | 50239    | 50089    | 50337    | 0.61   | cps   |
| Vanadium   | 51-2  | 115834   | 115474   | 114271   | 115193   | 0.71   | cps   |
| Yttrium    | 89-1  | 8439947  | 8437911  | 8454290  | 8444049  | 0.11   | cps   |
| Yttrium    | 89-2  | 1419234  | 1411799  | 1419496  | 1416843  | 0.31   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2906-04DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-10(8-8.5)DL    | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 16:28:21 | DataFile Name :   | 062SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zinc      | 66-2 | 42699  | 42956  | 42809  | 42822   | 0.30   | cps   |
| Zirconium | 90-1 | 195982 | 195448 | 193226 | 194885  | 0.75   | cps   |
| Zirconium | 91-1 | 42773  | 43358  | 43885  | 43339   | 1.28   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2944-01DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-1(14.5-15)DL   | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 16:31:58 | DataFile Name :   | 063SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 2188058   | 2201947   | 2196039   | 2195348   | 0.32   | cps   |
| Antimony   | 121-1 | 342       | 275       | 350       | 322       | 12.76  | cps   |
| Arsenic    | 75-2  | 882       | 911       | 894       | 896       | 1.66   | cps   |
| Barium     | 135-1 | 220804    | 221258    | 223096    | 221719    | 0.55   | cps   |
| Barium     | 137-1 | 386963    | 383624    | 385459    | 385349    | 0.43   | cps   |
| Beryllium  | 9-1   | 3070      | 3220      | 3174      | 3155      | 2.43   | cps   |
| Bismuth    | 209-1 | 6711591   | 6759224   | 6931560   | 6800791   | 1.70   | cps   |
| Bismuth    | 209-2 | 4513075   | 4558283   | 4537549   | 4536303   | 0.50   | cps   |
| Boron      | 10-1  | 4217      | 4167      | 4084      | 4156      | 1.62   | cps   |
| Boron      | 11-1  | 17561     | 18445     | 17786     | 17931     | 2.56   | cps   |
| Cadmium    | 111-1 | 3204      | 3159      | 3170      | 3178      | 0.74   | cps   |
| Cadmium    | 106-1 | 4234      | 4176      | 4126      | 4179      | 1.30   | cps   |
| Cadmium    | 108-1 | 288       | 300       | 329       | 306       | 7.00   | cps   |
| Calcium    | 43-1  | 74622     | 76599     | 76624     | 75948     | 1.51   | cps   |
| Calcium    | 44-1  | 1242098   | 1237169   | 1243465   | 1240911   | 0.27   | cps   |
| Chromium   | 52-2  | 124120    | 122342    | 122980    | 123148    | 0.73   | cps   |
| Cobalt     | 59-2  | 125030    | 124627    | 125434    | 125030    | 0.32   | cps   |
| Copper     | 63-2  | 122329    | 122184    | 122786    | 122433    | 0.26   | cps   |
| Dysprosium | 156-1 | 79564     | 78743     | 78567     | 78958     | 0.67   | cps   |
| Dysprosium | 156-2 | 47448     | 48034     | 48656     | 48046     | 1.26   | cps   |
| Erbium     | 164-1 | 65818     | 64386     | 64645     | 64950     | 1.17   | cps   |
| Erbium     | 164-2 | 39360     | 39072     | 39601     | 39344     | 0.67   | cps   |
| Gadolinium | 160-1 | 73221     | 72751     | 72936     | 72970     | 0.32   | cps   |
| Gadolinium | 160-2 | 48164     | 48445     | 48526     | 48378     | 0.39   | cps   |
| Holmium    | 165-1 | 10071125  | 10079800  | 10271398  | 10140774  | 1.12   | cps   |
| Holmium    | 165-2 | 6164681   | 6169497   | 6163618   | 6165932   | 0.05   | cps   |
| Indium     | 115-1 | 7094194   | 7058705   | 7181667   | 7111522   | 0.89   | cps   |
| Indium     | 115-2 | 1696780   | 1700539   | 1705991   | 1701104   | 0.27   | cps   |
| Iron       | 56-2  | 102572619 | 102507255 | 102884619 | 102654831 | 0.20   | cps   |
| Iron       | 57-2  | 2468124   | 2489123   | 2489409   | 2482219   | 0.49   | cps   |
| Krypton    | 83-1  | 397       | 343       | 373       | 371       | 7.21   | cps   |
| Lead       | 206-1 | 172179    | 170553    | 171606    | 171446    | 0.48   | cps   |
| Lead       | 207-1 | 141961    | 143735    | 144037    | 143244    | 0.78   | cps   |
| Lead       | 208-1 | 669609    | 667436    | 676615    | 671220    | 0.71   | cps   |
| Lithium    | 6-1   | 2782690   | 2787752   | 2796622   | 2789021   | 0.25   | cps   |
| Magnesium  | 24-2  | 2258296   | 2269804   | 2275322   | 2267807   | 0.38   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2944-01DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-1(14.5-15)DL   | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 16:31:58 | DataFile Name :   | 063SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 1338018  | 1345605  | 1337714  | 1340446  | 0.33   | cps   |
| Molybdenum | 94-1  | 79731    | 78918    | 77443    | 78697    | 1.47   | cps   |
| Molybdenum | 95-1  | 1967     | 1684     | 1817     | 1822     | 7.78   | cps   |
| Molybdenum | 96-1  | 16101    | 16026    | 15576    | 15901    | 1.79   | cps   |
| Molybdenum | 97-1  | 1200     | 1200     | 1183     | 1195     | 0.81   | cps   |
| Molybdenum | 98-1  | 2959     | 3067     | 2684     | 2903     | 6.81   | cps   |
| Neodymium  | 150-1 | 112690   | 111562   | 112266   | 112173   | 0.51   | cps   |
| Neodymium  | 150-2 | 53075    | 53617    | 53567    | 53420    | 0.56   | cps   |
| Nickel     | 60-2  | 50587    | 50166    | 50815    | 50522    | 0.65   | cps   |
| Phosphorus | 31-2  | 3992     | 3917     | 3967     | 3959     | 0.97   | cps   |
| Potassium  | 39-2  | 645780   | 642462   | 636649   | 641630   | 0.72   | cps   |
| Rhodium    | 103-1 | 6379325  | 6327730  | 6448250  | 6385102  | 0.95   | cps   |
| Rhodium    | 103-2 | 3252672  | 3283254  | 3274099  | 3270008  | 0.48   | cps   |
| Scandium   | 45-1  | 5017705  | 5035709  | 5083244  | 5045553  | 0.67   | cps   |
| Scandium   | 45-2  | 242179   | 239586   | 239389   | 240385   | 0.65   | cps   |
| Selenium   | 77-2  | 190      | 160      | 187      | 179      | 9.19   | cps   |
| Selenium   | 78-2  | 165      | 178      | 159      | 167      | 5.68   | cps   |
| Selenium   | 82-1  | 312      | 402      | 375      | 363      | 12.84  | cps   |
| Silicon    | 28-1  | 24283496 | 24220423 | 24433033 | 24312318 | 0.45   | cps   |
| Silver     | 109-1 | 308      | 292      | 408      | 336      | 18.77  | cps   |
| Silver     | 107-1 | 583      | 692      | 658      | 644      | 8.61   | cps   |
| Sodium     | 23-2  | 125345   | 125513   | 127143   | 126000   | 0.79   | cps   |
| Strontium  | 86-1  | 50222    | 50147    | 50030    | 50133    | 0.19   | cps   |
| Strontium  | 88-1  | 438304   | 434768   | 436591   | 436554   | 0.41   | cps   |
| Sulfur     | 34-1  | 194562   | 193306   | 192730   | 193533   | 0.48   | cps   |
| Terbium    | 159-1 | 10437708 | 10325072 | 10531877 | 10431552 | 0.99   | cps   |
| Terbium    | 159-2 | 6091671  | 6081610  | 6114789  | 6096023  | 0.28   | cps   |
| Thallium   | 203-1 | 2334     | 2125     | 2334     | 2264     | 5.31   | cps   |
| Thallium   | 205-1 | 5743     | 5435     | 5735     | 5638     | 3.12   | cps   |
| Thorium    | 232-1 | 416068   | 414422   | 415826   | 415439   | 0.21   | cps   |
| Tin        | 118-1 | 975      | 1200     | 1108     | 1095     | 10.34  | cps   |
| Titanium   | 47-1  | 265024   | 268777   | 261841   | 265214   | 1.31   | cps   |
| Uranium    | 238-1 | 113508   | 113877   | 113945   | 113777   | 0.21   | cps   |
| Vanadium   | 51-2  | 98674    | 98765    | 98314    | 98584    | 0.24   | cps   |
| Yttrium    | 89-1  | 8390023  | 8389333  | 8507354  | 8428903  | 0.81   | cps   |
| Yttrium    | 89-2  | 1419810  | 1432417  | 1423396  | 1425208  | 0.46   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2944-01DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-1(14.5-15)DL   | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 16:31:58 | DataFile Name :   | 063SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zinc      | 66-2 | 56435  | 56328  | 56569  | 56444   | 0.21   | cps   |
| Zirconium | 90-1 | 213134 | 208141 | 210277 | 210517  | 1.19   | cps   |
| Zirconium | 91-1 | 46611  | 47304  | 47078  | 46998   | 0.75   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2944-02DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-2(14.5-15)DL   | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 16:35:35 | DataFile Name :   | 064SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1399262  | 1393468  | 1399703  | 1397477  | 0.25   | cps   |
| Antimony   | 121-1 | 325      | 392      | 333      | 350      | 10.38  | cps   |
| Arsenic    | 75-2  | 1832     | 1928     | 1839     | 1866     | 2.87   | cps   |
| Barium     | 135-1 | 151104   | 150391   | 147904   | 149800   | 1.12   | cps   |
| Barium     | 137-1 | 260653   | 257783   | 262786   | 260407   | 0.96   | cps   |
| Beryllium  | 9-1   | 2114     | 2217     | 2274     | 2201     | 3.69   | cps   |
| Bismuth    | 209-1 | 6817647  | 6804152  | 6845549  | 6822449  | 0.31   | cps   |
| Bismuth    | 209-2 | 4564172  | 4555143  | 4615902  | 4578406  | 0.72   | cps   |
| Boron      | 10-1  | 2000     | 1967     | 2117     | 2028     | 3.88   | cps   |
| Boron      | 11-1  | 8619     | 8386     | 8628     | 8544     | 1.61   | cps   |
| Cadmium    | 111-1 | 2789     | 2856     | 2752     | 2799     | 1.89   | cps   |
| Cadmium    | 106-1 | 3434     | 3676     | 3551     | 3553     | 3.40   | cps   |
| Cadmium    | 108-1 | 117      | 167      | 179      | 154      | 21.45  | cps   |
| Calcium    | 43-1  | 23419    | 23219    | 23570    | 23403    | 0.75   | cps   |
| Calcium    | 44-1  | 397543   | 395136   | 393292   | 395324   | 0.54   | cps   |
| Chromium   | 52-2  | 86421    | 86452    | 86468    | 86447    | 0.03   | cps   |
| Cobalt     | 59-2  | 55786    | 55026    | 54986    | 55266    | 0.82   | cps   |
| Copper     | 63-2  | 80111    | 79729    | 79414    | 79751    | 0.44   | cps   |
| Dysprosium | 156-1 | 49967    | 49039    | 48403    | 49136    | 1.60   | cps   |
| Dysprosium | 156-2 | 29134    | 29415    | 30107    | 29552    | 1.69   | cps   |
| Erbium     | 164-1 | 40026    | 40285    | 39249    | 39854    | 1.35   | cps   |
| Erbium     | 164-2 | 24262    | 24011    | 24011    | 24095    | 0.60   | cps   |
| Gadolinium | 160-1 | 46881    | 45510    | 46864    | 46419    | 1.70   | cps   |
| Gadolinium | 160-2 | 30344    | 30451    | 30952    | 30582    | 1.06   | cps   |
| Holmium    | 165-1 | 10007631 | 10039468 | 10107160 | 10051420 | 0.51   | cps   |
| Holmium    | 165-2 | 6178084  | 6107340  | 6208078  | 6164500  | 0.84   | cps   |
| Indium     | 115-1 | 7164582  | 7132854  | 7157829  | 7151755  | 0.23   | cps   |
| Indium     | 115-2 | 1727914  | 1706751  | 1729493  | 1721386  | 0.74   | cps   |
| Iron       | 56-2  | 74057629 | 73291057 | 73465260 | 73604649 | 0.55   | cps   |
| Iron       | 57-2  | 1775075  | 1766222  | 1774134  | 1771810  | 0.27   | cps   |
| Krypton    | 83-1  | 340      | 283      | 380      | 334      | 14.52  | cps   |
| Lead       | 206-1 | 121886   | 123563   | 121858   | 122436   | 0.80   | cps   |
| Lead       | 207-1 | 102463   | 102201   | 101153   | 101939   | 0.68   | cps   |
| Lead       | 208-1 | 479928   | 476899   | 475246   | 477358   | 0.50   | cps   |
| Lithium    | 6-1   | 2800134  | 2803620  | 2809567  | 2804440  | 0.17   | cps   |
| Magnesium  | 24-2  | 1524174  | 1525573  | 1524789  | 1524845  | 0.05   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2944-02DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-2(14.5-15)DL   | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 16:35:35 | DataFile Name :   | 064SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 1297894  | 1281901  | 1286687  | 1288827  | 0.64   | cps   |
| Molybdenum | 94-1  | 48366    | 46870    | 47823    | 47686    | 1.59   | cps   |
| Molybdenum | 95-1  | 6960     | 7202     | 7227     | 7130     | 2.07   | cps   |
| Molybdenum | 96-1  | 15117    | 15659    | 15451    | 15409    | 1.77   | cps   |
| Molybdenum | 97-1  | 4793     | 4117     | 4618     | 4509     | 7.77   | cps   |
| Molybdenum | 98-1  | 11130    | 10830    | 11205    | 11055    | 1.80   | cps   |
| Neodymium  | 150-1 | 67090    | 66674    | 66420    | 66728    | 0.51   | cps   |
| Neodymium  | 150-2 | 31783    | 31957    | 31981    | 31907    | 0.34   | cps   |
| Nickel     | 60-2  | 37398    | 36359    | 37448    | 37068    | 1.66   | cps   |
| Phosphorus | 31-2  | 3301     | 3117     | 3092     | 3170     | 3.59   | cps   |
| Potassium  | 39-2  | 212491   | 210979   | 210597   | 211356   | 0.47   | cps   |
| Rhodium    | 103-1 | 6432469  | 6455681  | 6507325  | 6465158  | 0.59   | cps   |
| Rhodium    | 103-2 | 3312261  | 3313240  | 3333276  | 3319592  | 0.36   | cps   |
| Scandium   | 45-1  | 5006361  | 4994425  | 5022224  | 5007670  | 0.28   | cps   |
| Scandium   | 45-2  | 239222   | 239079   | 240561   | 239621   | 0.34   | cps   |
| Selenium   | 77-2  | 87       | 133      | 83       | 101      | 27.65  | cps   |
| Selenium   | 78-2  | 94       | 76       | 141      | 104      | 32.19  | cps   |
| Selenium   | 82-1  | 282      | 309      | 268      | 286      | 7.27   | cps   |
| Silicon    | 28-1  | 14874901 | 14868943 | 14956752 | 14900199 | 0.33   | cps   |
| Silver     | 109-1 | 292      | 417      | 417      | 375      | 19.24  | cps   |
| Silver     | 107-1 | 467      | 483      | 525      | 492      | 6.11   | cps   |
| Sodium     | 23-2  | 50578    | 50963    | 50595    | 50712    | 0.43   | cps   |
| Strontium  | 86-1  | 22385    | 22552    | 21867    | 22268    | 1.60   | cps   |
| Strontium  | 88-1  | 190034   | 190387   | 189799   | 190073   | 0.16   | cps   |
| Sulfur     | 34-1  | 190940   | 194285   | 199864   | 195029   | 2.31   | cps   |
| Terbium    | 159-1 | 10348433 | 10329213 | 10525062 | 10400903 | 1.04   | cps   |
| Terbium    | 159-2 | 6094154  | 6064847  | 6169483  | 6109495  | 0.88   | cps   |
| Thallium   | 203-1 | 942      | 1042     | 950      | 978      | 5.68   | cps   |
| Thallium   | 205-1 | 2359     | 2375     | 2359     | 2364     | 0.41   | cps   |
| Thorium    | 232-1 | 196710   | 193699   | 197834   | 196081   | 1.09   | cps   |
| Tin        | 118-1 | 1358     | 1500     | 1383     | 1414     | 5.35   | cps   |
| Titanium   | 47-1  | 131204   | 130304   | 132709   | 131406   | 0.92   | cps   |
| Uranium    | 238-1 | 25117    | 24682    | 24056    | 24619    | 2.17   | cps   |
| Vanadium   | 51-2  | 54922    | 55404    | 55213    | 55180    | 0.44   | cps   |
| Yttrium    | 89-1  | 8139918  | 8107778  | 8225552  | 8157750  | 0.75   | cps   |
| Yttrium    | 89-2  | 1383055  | 1379767  | 1391941  | 1384921  | 0.45   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2944-02DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-2(14.5-15)DL   | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 16:35:35 | DataFile Name :   | 064SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zinc      | 66-2 | 40687  | 40523  | 41165  | 40791   | 0.82   | cps   |
| Zirconium | 90-1 | 118076 | 118596 | 121201 | 119291  | 1.40   | cps   |
| Zirconium | 91-1 | 26767  | 27444  | 27519  | 27243   | 1.52   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2944-03DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-3(4.5-5)DL     | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 16:39:12 | DataFile Name :   | 065SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2320787  | 2297898  | 2314187  | 2310957  | 0.51   | cps   |
| Antimony   | 121-1 | 283      | 342      | 292      | 306      | 10.32  | cps   |
| Arsenic    | 75-2  | 794      | 713      | 661      | 723      | 9.30   | cps   |
| Barium     | 135-1 | 295602   | 294691   | 290807   | 293700   | 0.87   | cps   |
| Barium     | 137-1 | 521875   | 509109   | 504031   | 511672   | 1.80   | cps   |
| Beryllium  | 9-1   | 1697     | 1720     | 1513     | 1643     | 6.89   | cps   |
| Bismuth    | 209-1 | 6817366  | 6695428  | 6651872  | 6721555  | 1.28   | cps   |
| Bismuth    | 209-2 | 4441950  | 4554330  | 4476704  | 4490995  | 1.28   | cps   |
| Boron      | 10-1  | 1442     | 1242     | 1350     | 1345     | 7.45   | cps   |
| Boron      | 11-1  | 6477     | 5910     | 6452     | 6279     | 5.10   | cps   |
| Cadmium    | 111-1 | 2378     | 2372     | 2255     | 2335     | 2.97   | cps   |
| Cadmium    | 106-1 | 3509     | 3417     | 3267     | 3398     | 3.59   | cps   |
| Cadmium    | 108-1 | 183      | 142      | 129      | 151      | 18.74  | cps   |
| Calcium    | 43-1  | 20974    | 21450    | 21266    | 21230    | 1.13   | cps   |
| Calcium    | 44-1  | 356898   | 352392   | 350151   | 353147   | 0.97   | cps   |
| Chromium   | 52-2  | 168433   | 167623   | 167927   | 167994   | 0.24   | cps   |
| Cobalt     | 59-2  | 42254    | 40760    | 41502    | 41505    | 1.80   | cps   |
| Copper     | 63-2  | 33392    | 32827    | 33622    | 33280    | 1.23   | cps   |
| Dysprosium | 156-1 | 70389    | 70315    | 66545    | 69083    | 3.18   | cps   |
| Dysprosium | 156-2 | 41583    | 40864    | 41439    | 41295    | 0.92   | cps   |
| Erbium     | 164-1 | 59028    | 58786    | 56594    | 58136    | 2.31   | cps   |
| Erbium     | 164-2 | 34480    | 34948    | 34504    | 34644    | 0.76   | cps   |
| Gadolinium | 160-1 | 63130    | 64879    | 63506    | 63838    | 1.44   | cps   |
| Gadolinium | 160-2 | 41306    | 41466    | 41446    | 41406    | 0.21   | cps   |
| Holmium    | 165-1 | 10230062 | 9967652  | 9799306  | 9999007  | 2.17   | cps   |
| Holmium    | 165-2 | 6027060  | 6153533  | 6030749  | 6070447  | 1.19   | cps   |
| Indium     | 115-1 | 7194494  | 7011722  | 6968312  | 7058176  | 1.70   | cps   |
| Indium     | 115-2 | 1680460  | 1693681  | 1678570  | 1684237  | 0.49   | cps   |
| Iron       | 56-2  | 58601161 | 57991649 | 58243722 | 58278844 | 0.53   | cps   |
| Iron       | 57-2  | 1412985  | 1399293  | 1400527  | 1404269  | 0.54   | cps   |
| Krypton    | 83-1  | 337      | 370      | 370      | 359      | 5.36   | cps   |
| Lead       | 206-1 | 136643   | 138262   | 136695   | 137200   | 0.67   | cps   |
| Lead       | 207-1 | 114657   | 114617   | 112112   | 113795   | 1.28   | cps   |
| Lead       | 208-1 | 533960   | 532489   | 529343   | 531930   | 0.44   | cps   |
| Lithium    | 6-1   | 2794716  | 2755839  | 2722955  | 2757837  | 1.30   | cps   |
| Magnesium  | 24-2  | 691631   | 690175   | 686121   | 689309   | 0.41   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2944-03DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-3(4.5-5)DL     | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 16:39:12 | DataFile Name :   | 065SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 139941   | 139581   | 138921   | 139481   | 0.37   | cps   |
| Molybdenum | 94-1  | 41946    | 41294    | 51916    | 45052    | 13.21  | cps   |
| Molybdenum | 95-1  | 500      | 550      | 433      | 494      | 11.84  | cps   |
| Molybdenum | 96-1  | 7744     | 7611     | 7719     | 7691     | 0.92   | cps   |
| Molybdenum | 97-1  | 500      | 292      | 350      | 381      | 28.24  | cps   |
| Molybdenum | 98-1  | 800      | 808      | 742      | 783      | 4.64   | cps   |
| Neodymium  | 150-1 | 99920    | 98726    | 97443    | 98696    | 1.25   | cps   |
| Neodymium  | 150-2 | 47204    | 47866    | 46532    | 47201    | 1.41   | cps   |
| Nickel     | 60-2  | 17334    | 17354    | 17527    | 17405    | 0.61   | cps   |
| Phosphorus | 31-2  | 333      | 317      | 342      | 331      | 3.85   | cps   |
| Potassium  | 39-2  | 82161    | 79153    | 80175    | 80496    | 1.90   | cps   |
| Rhodium    | 103-1 | 6492923  | 6396306  | 6317209  | 6402146  | 1.37   | cps   |
| Rhodium    | 103-2 | 3233813  | 3271498  | 3213031  | 3239447  | 0.91   | cps   |
| Scandium   | 45-1  | 5185846  | 5085611  | 5047207  | 5106221  | 1.40   | cps   |
| Scandium   | 45-2  | 242577   | 245069   | 241318   | 242988   | 0.79   | cps   |
| Selenium   | 77-2  | 183      | 140      | 160      | 161      | 13.46  | cps   |
| Selenium   | 78-2  | 157      | 161      | 163      | 160      | 1.76   | cps   |
| Selenium   | 82-1  | 398      | 352      | 364      | 372      | 6.45   | cps   |
| Silicon    | 28-1  | 28971715 | 28796325 | 28685586 | 28817875 | 0.50   | cps   |
| Silver     | 109-1 | 175      | 150      | 233      | 186      | 22.98  | cps   |
| Silver     | 107-1 | 308      | 283      | 233      | 275      | 13.89  | cps   |
| Sodium     | 23-2  | 42929    | 43548    | 42353    | 42943    | 1.39   | cps   |
| Strontium  | 86-1  | 21917    | 22109    | 22026    | 22018    | 0.44   | cps   |
| Strontium  | 88-1  | 192686   | 191408   | 189916   | 191337   | 0.72   | cps   |
| Sulfur     | 34-1  | 186056   | 182638   | 183838   | 184177   | 0.94   | cps   |
| Terbium    | 159-1 | 10444938 | 10256202 | 10188621 | 10296587 | 1.29   | cps   |
| Terbium    | 159-2 | 5964053  | 6063096  | 5974171  | 6000440  | 0.91   | cps   |
| Thallium   | 203-1 | 1325     | 1458     | 1509     | 1431     | 6.63   | cps   |
| Thallium   | 205-1 | 3309     | 3326     | 3417     | 3351     | 1.74   | cps   |
| Thorium    | 232-1 | 329478   | 324622   | 320482   | 324861   | 1.39   | cps   |
| Tin        | 118-1 | 508      | 492      | 525      | 508      | 3.28   | cps   |
| Titanium   | 47-1  | 101775   | 102345   | 101389   | 101836   | 0.47   | cps   |
| Uranium    | 238-1 | 144208   | 141790   | 142294   | 142764   | 0.89   | cps   |
| Vanadium   | 51-2  | 178390   | 177337   | 177912   | 177880   | 0.30   | cps   |
| Yttrium    | 89-1  | 8417912  | 8249437  | 8198182  | 8288510  | 1.39   | cps   |
| Yttrium    | 89-2  | 1381275  | 1398431  | 1387266  | 1388991  | 0.63   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2944-03DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-3(4.5-5)DL     | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 16:39:12 | DataFile Name :   | 065SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zinc      | 66-2 | 16483  | 16960  | 17087  | 16843   | 1.89   | cps   |
| Zirconium | 90-1 | 110155 | 110994 | 110046 | 110398  | 0.47   | cps   |
| Zirconium | 91-1 | 24263  | 23912  | 24922  | 24366   | 2.10   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2944-04DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-4(5-5.5)DL     | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 16:42:47 | DataFile Name :   | 066SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3     | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|----------|-----------|--------|-------|
| Aluminium  | 27-2  | 2842011   | 2843816   | 2836205  | 2840677   | 0.14   | cps   |
| Antimony   | 121-1 | 58        | 158       | 192      | 136       | 50.98  | cps   |
| Arsenic    | 75-2  | 1452      | 1430      | 1441     | 1441      | 0.77   | cps   |
| Barium     | 135-1 | 529861    | 525332    | 527302   | 527498    | 0.43   | cps   |
| Barium     | 137-1 | 918288    | 910630    | 918728   | 915882    | 0.50   | cps   |
| Beryllium  | 9-1   | 3037      | 3114      | 3184     | 3111      | 2.36   | cps   |
| Bismuth    | 209-1 | 6570176   | 6529893   | 6540449  | 6546840   | 0.32   | cps   |
| Bismuth    | 209-2 | 4433320   | 4399043   | 4396750  | 4409704   | 0.46   | cps   |
| Boron      | 10-1  | 1383      | 1383      | 1350     | 1372      | 1.40   | cps   |
| Boron      | 11-1  | 6402      | 6110      | 5985     | 6165      | 3.47   | cps   |
| Cadmium    | 111-1 | 2555      | 2479      | 2290     | 2441      | 5.58   | cps   |
| Cadmium    | 106-1 | 3851      | 3692      | 3451     | 3665      | 5.50   | cps   |
| Cadmium    | 108-1 | 267       | 204       | 263      | 244       | 14.30  | cps   |
| Calcium    | 43-1  | 79447     | 75987     | 77277    | 77570     | 2.25   | cps   |
| Calcium    | 44-1  | 1276647   | 1274346   | 1269523  | 1273505   | 0.29   | cps   |
| Chromium   | 52-2  | 204605    | 203528    | 202719   | 203617    | 0.46   | cps   |
| Cobalt     | 59-2  | 50614     | 50032     | 49767    | 50138     | 0.86   | cps   |
| Copper     | 63-2  | 29133     | 28177     | 28832    | 28714     | 1.70   | cps   |
| Dysprosium | 156-1 | 92050     | 92184     | 94718    | 92984     | 1.62   | cps   |
| Dysprosium | 156-2 | 54792     | 55876     | 54902    | 55190     | 1.08   | cps   |
| Erbium     | 164-1 | 80060     | 79934     | 81434    | 80476     | 1.03   | cps   |
| Erbium     | 164-2 | 47108     | 47653     | 47813    | 47525     | 0.78   | cps   |
| Gadolinium | 160-1 | 87245     | 86282     | 85315    | 86281     | 1.12   | cps   |
| Gadolinium | 160-2 | 56165     | 55894     | 56804    | 56287     | 0.83   | cps   |
| Holmium    | 165-1 | 9734240   | 9727937   | 9731490  | 9731223   | 0.03   | cps   |
| Holmium    | 165-2 | 6043126   | 5983996   | 5953677  | 5993600   | 0.76   | cps   |
| Indium     | 115-1 | 6845876   | 6910678   | 6868011  | 6874855   | 0.48   | cps   |
| Indium     | 115-2 | 1668423   | 1647692   | 1655366  | 1657160   | 0.63   | cps   |
| Iron       | 56-2  | 100500444 | 100238791 | 99870436 | 100203224 | 0.32   | cps   |
| Iron       | 57-2  | 2406495   | 2412761   | 2406551  | 2408603   | 0.15   | cps   |
| Krypton    | 83-1  | 363       | 400       | 333      | 366       | 9.13   | cps   |
| Lead       | 206-1 | 170128    | 167609    | 169245   | 168994    | 0.76   | cps   |
| Lead       | 207-1 | 141915    | 139918    | 140961   | 140931    | 0.71   | cps   |
| Lead       | 208-1 | 663140    | 654777    | 658535   | 658817    | 0.64   | cps   |
| Lithium    | 6-1   | 2692778   | 2681687   | 2698267  | 2690911   | 0.31   | cps   |
| Magnesium  | 24-2  | 1125672   | 1123717   | 1119902  | 1123097   | 0.26   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2944-04DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-4(5-5.5)DL     | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 16:42:47 | DataFile Name :   | 066SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 276268   | 276807   | 275941   | 276339   | 0.16   | cps   |
| Molybdenum | 94-1  | 65551    | 65962    | 64597    | 65370    | 1.07   | cps   |
| Molybdenum | 95-1  | 1108     | 1033     | 1042     | 1061     | 3.87   | cps   |
| Molybdenum | 96-1  | 12473    | 12056    | 12439    | 12322    | 1.88   | cps   |
| Molybdenum | 97-1  | 642      | 633      | 617      | 631      | 2.02   | cps   |
| Molybdenum | 98-1  | 1625     | 1559     | 1633     | 1606     | 2.56   | cps   |
| Neodymium  | 150-1 | 132303   | 129665   | 131757   | 131242   | 1.06   | cps   |
| Neodymium  | 150-2 | 62598    | 62722    | 62240    | 62520    | 0.40   | cps   |
| Nickel     | 60-2  | 25676    | 26204    | 26644    | 26175    | 1.85   | cps   |
| Phosphorus | 31-2  | 692      | 792      | 608      | 697      | 13.17  | cps   |
| Potassium  | 39-2  | 116975   | 116337   | 116663   | 116659   | 0.27   | cps   |
| Rhodium    | 103-1 | 6173857  | 6218898  | 6180101  | 6190952  | 0.39   | cps   |
| Rhodium    | 103-2 | 3208067  | 3173817  | 3178182  | 3186689  | 0.59   | cps   |
| Scandium   | 45-1  | 5022730  | 5063338  | 5016335  | 5034134  | 0.51   | cps   |
| Scandium   | 45-2  | 242723   | 241753   | 241569   | 242015   | 0.26   | cps   |
| Selenium   | 77-2  | 203      | 227      | 173      | 201      | 13.29  | cps   |
| Selenium   | 78-2  | 219      | 241      | 191      | 217      | 11.56  | cps   |
| Selenium   | 82-1  | 528      | 536      | 535      | 533      | 0.76   | cps   |
| Silicon    | 28-1  | 22217743 | 22001875 | 22116492 | 22112036 | 0.49   | cps   |
| Silver     | 109-1 | 725      | 842      | 733      | 767      | 8.49   | cps   |
| Silver     | 107-1 | 1050     | 1025     | 975      | 1017     | 3.76   | cps   |
| Sodium     | 23-2  | 87479    | 88244    | 89324    | 88349    | 1.05   | cps   |
| Strontium  | 86-1  | 43492    | 43116    | 43099    | 43236    | 0.51   | cps   |
| Strontium  | 88-1  | 374650   | 374528   | 373794   | 374324   | 0.12   | cps   |
| Sulfur     | 34-1  | 191432   | 191660   | 189405   | 190832   | 0.65   | cps   |
| Terbium    | 159-1 | 10118536 | 10077425 | 10058754 | 10084905 | 0.30   | cps   |
| Terbium    | 159-2 | 5974884  | 5929198  | 5904056  | 5936046  | 0.60   | cps   |
| Thallium   | 203-1 | 2250     | 2050     | 1942     | 2081     | 7.52   | cps   |
| Thallium   | 205-1 | 4926     | 4993     | 4768     | 4896     | 2.36   | cps   |
| Thorium    | 232-1 | 411613   | 405441   | 404493   | 407182   | 0.95   | cps   |
| Tin        | 118-1 | 733      | 617      | 900      | 750      | 18.99  | cps   |
| Titanium   | 47-1  | 171030   | 169151   | 168553   | 169578   | 0.76   | cps   |
| Uranium    | 238-1 | 198871   | 193867   | 193239   | 195326   | 1.58   | cps   |
| Vanadium   | 51-2  | 254789   | 256234   | 256198   | 255740   | 0.32   | cps   |
| Yttrium    | 89-1  | 8345326  | 8335886  | 8385834  | 8355682  | 0.32   | cps   |
| Yttrium    | 89-2  | 1427508  | 1426099  | 1426544  | 1426717  | 0.05   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2944-04DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-4(5-5.5)DL     | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 16:42:47 | DataFile Name :   | 066SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zinc      | 66-2 | 30168  | 30355  | 30702  | 30408   | 0.89   | cps   |
| Zirconium | 90-1 | 174525 | 173042 | 171692 | 173086  | 0.82   | cps   |
| Zirconium | 91-1 | 39238  | 38310  | 39021  | 38856   | 1.25   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB103076            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV21               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV21               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2019-05-29 16:46:24 | DataFile Name :   | 067CCV.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 4536789   | 4492863   | 4527523   | 4519059   | 0.51   | cps   |
| Antimony   | 121-1 | 3203231   | 3207009   | 3184679   | 3198306   | 0.37   | cps   |
| Arsenic    | 75-2  | 120705    | 118462    | 118113    | 119093    | 1.18   | cps   |
| Barium     | 135-1 | 4479071   | 4446922   | 4421701   | 4449231   | 0.65   | cps   |
| Barium     | 137-1 | 7934396   | 7995415   | 7916697   | 7948836   | 0.52   | cps   |
| Beryllium  | 9-1   | 877419    | 877464    | 868869    | 874584    | 0.57   | cps   |
| Bismuth    | 209-1 | 5802848   | 5820771   | 5823216   | 5815611   | 0.19   | cps   |
| Bismuth    | 209-2 | 3845052   | 3836986   | 3819810   | 3833949   | 0.34   | cps   |
| Boron      | 10-1  | 132427    | 135477    | 135620    | 134508    | 1.34   | cps   |
| Boron      | 11-1  | 571775    | 583996    | 585680    | 580483    | 1.31   | cps   |
| Cadmium    | 111-1 | 916940    | 926468    | 915552    | 919653    | 0.65   | cps   |
| Cadmium    | 106-1 | 106893    | 109488    | 108757    | 108380    | 1.23   | cps   |
| Cadmium    | 108-1 | 72304     | 73544     | 72769     | 72872     | 0.86   | cps   |
| Calcium    | 43-1  | 5376023   | 5345518   | 5356895   | 5359479   | 0.29   | cps   |
| Calcium    | 44-1  | 87457789  | 86778917  | 87434479  | 87223728  | 0.44   | cps   |
| Chromium   | 52-2  | 1068740   | 1059385   | 1060645   | 1062923   | 0.48   | cps   |
| Cobalt     | 59-2  | 1596099   | 1591021   | 1593841   | 1593654   | 0.16   | cps   |
| Copper     | 63-2  | 2253863   | 2266126   | 2255450   | 2258480   | 0.30   | cps   |
| Dysprosium | 156-1 | 83        | 175       | 108       | 122       | 38.77  | cps   |
| Dysprosium | 156-2 | 107       | 117       | 127       | 117       | 8.57   | cps   |
| Erbium     | 164-1 | 42        | 33        | 17        | 31        | 41.66  | cps   |
| Erbium     | 164-2 | 10        | 30        | 23        | 21        | 48.24  | cps   |
| Gadolinium | 160-1 | 167       | 58        | 108       | 111       | 48.80  | cps   |
| Gadolinium | 160-2 | 233       | 190       | 140       | 188       | 24.87  | cps   |
| Holmium    | 165-1 | 9274814   | 9280763   | 9269818   | 9275132   | 0.06   | cps   |
| Holmium    | 165-2 | 5606870   | 5590868   | 5518804   | 5572181   | 0.84   | cps   |
| Indium     | 115-1 | 6086615   | 6081404   | 6047802   | 6071940   | 0.35   | cps   |
| Indium     | 115-2 | 1452816   | 1451981   | 1459101   | 1454633   | 0.27   | cps   |
| Iron       | 56-2  | 227212933 | 225871416 | 224653872 | 225912740 | 0.57   | cps   |
| Iron       | 57-2  | 5717213   | 5691508   | 5688879   | 5699200   | 0.27   | cps   |
| Krypton    | 83-1  | 240       | 300       | 243       | 261       | 12.91  | cps   |
| Lead       | 206-1 | 3051641   | 3072943   | 3084906   | 3069830   | 0.55   | cps   |
| Lead       | 207-1 | 2829799   | 2828530   | 2851625   | 2836651   | 0.46   | cps   |
| Lead       | 208-1 | 12799563  | 12846750  | 12890115  | 12845476  | 0.35   | cps   |
| Lithium    | 6-1   | 2386806   | 2393746   | 2388798   | 2389784   | 0.15   | cps   |
| Magnesium  | 24-2  | 44278760  | 44187533  | 44190919  | 44219071  | 0.12   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB103076            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV21               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV21               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2019-05-29 16:46:24 | DataFile Name :   | 067CCV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 1393352  | 1378666  | 1384992  | 1385670  | 0.53   | cps   |
| Molybdenum | 94-1  | 7104046  | 7097358  | 7056367  | 7085924  | 0.36   | cps   |
| Molybdenum | 95-1  | 8557359  | 8530989  | 8509434  | 8532594  | 0.28   | cps   |
| Molybdenum | 96-1  | 9500383  | 9525710  | 9484755  | 9503616  | 0.22   | cps   |
| Molybdenum | 97-1  | 5325955  | 5362932  | 5327255  | 5338714  | 0.39   | cps   |
| Molybdenum | 98-1  | 13713579 | 13766910 | 13645898 | 13708796 | 0.44   | cps   |
| Neodymium  | 150-1 | 547      | 547      | 560      | 551      | 1.40   | cps   |
| Neodymium  | 150-2 | 103      | 77       | 110      | 97       | 18.25  | cps   |
| Nickel     | 60-2  | 390096   | 391858   | 389402   | 390452   | 0.32   | cps   |
| Phosphorus | 31-2  | 40397    | 40147    | 40606    | 40383    | 0.57   | cps   |
| Potassium  | 39-2  | 23037486 | 23045946 | 23033752 | 23039062 | 0.03   | cps   |
| Rhodium    | 103-1 | 5285260  | 5050899  | 5223425  | 5186528  | 2.34   | cps   |
| Rhodium    | 103-2 | 2711202  | 2696263  | 2691107  | 2699524  | 0.39   | cps   |
| Scandium   | 45-1  | 4187034  | 4158085  | 4141418  | 4162179  | 0.55   | cps   |
| Scandium   | 45-2  | 209215   | 208861   | 206660   | 208246   | 0.66   | cps   |
| Selenium   | 77-2  | 3550     | 3737     | 3574     | 3621     | 2.81   | cps   |
| Selenium   | 78-2  | 12511    | 12135    | 12381    | 12342    | 1.55   | cps   |
| Selenium   | 82-1  | 66159    | 66892    | 66668    | 66573    | 0.56   | cps   |
| Silicon    | 28-1  | 2600148  | 2594679  | 2568623  | 2587816  | 0.65   | cps   |
| Silver     | 109-1 | 3926352  | 3936939  | 3891507  | 3918266  | 0.61   | cps   |
| Silver     | 107-1 | 4110648  | 4107275  | 4085223  | 4101049  | 0.34   | cps   |
| Sodium     | 23-2  | 85274175 | 85382631 | 84860112 | 85172306 | 0.32   | cps   |
| Strontium  | 86-1  | 1126963  | 1112321  | 1120667  | 1119984  | 0.66   | cps   |
| Strontium  | 88-1  | 10005781 | 9923872  | 9963593  | 9964415  | 0.41   | cps   |
| Sulfur     | 34-1  | 674978   | 675129   | 672432   | 674180   | 0.22   | cps   |
| Terbium    | 159-1 | 9462238  | 9440147  | 9383902  | 9428762  | 0.43   | cps   |
| Terbium    | 159-2 | 5495325  | 5466011  | 5457058  | 5472798  | 0.37   | cps   |
| Thallium   | 203-1 | 3828265  | 3858409  | 3823353  | 3836676  | 0.49   | cps   |
| Thallium   | 205-1 | 9374384  | 9453350  | 9423336  | 9417023  | 0.42   | cps   |
| Thorium    | 232-1 | 15991764 | 16096416 | 16044955 | 16044378 | 0.33   | cps   |
| Tin        | 118-1 | 2803595  | 2787499  | 2793976  | 2795023  | 0.29   | cps   |
| Titanium   | 47-1  | 2456811  | 2445540  | 2449286  | 2450546  | 0.23   | cps   |
| Uranium    | 238-1 | 15713068 | 15747963 | 15677699 | 15712910 | 0.22   | cps   |
| Vanadium   | 51-2  | 897046   | 890793   | 886464   | 891434   | 0.60   | cps   |
| Yttrium    | 89-1  | 6702487  | 6643599  | 6641752  | 6662613  | 0.52   | cps   |
| Yttrium    | 89-2  | 1144528  | 1137469  | 1128470  | 1136822  | 0.71   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB103076            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV21               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV21               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2019-05-29 16:46:24 | DataFile Name :   | 067CCV.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zinc      | 66-2 | 388957  | 386262  | 386917  | 387379  | 0.36   | cps   |
| Zirconium | 90-1 | 6031974 | 6060261 | 6057084 | 6049773 | 0.26   | cps   |
| Zirconium | 91-1 | 1308169 | 1316428 | 1298589 | 1307729 | 0.68   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB21               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB21               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 16:50:01 | DataFile Name :   | 068CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 500     | 342     | 317     | 386     | 25.75  | cps   |
| Antimony   | 121-1 | 2367    | 2617    | 3184    | 2723    | 15.37  | cps   |
| Arsenic    | 75-2  | 24      | 26      | 20      | 23      | 12.07  | cps   |
| Barium     | 135-1 | 650     | 517     | 450     | 539     | 18.90  | cps   |
| Barium     | 137-1 | 1017    | 825     | 817     | 886     | 12.77  | cps   |
| Beryllium  | 9-1   | 293     | 323     | 303     | 307     | 4.98   | cps   |
| Bismuth    | 209-1 | 6809875 | 6842738 | 6774364 | 6808992 | 0.50   | cps   |
| Bismuth    | 209-2 | 4515706 | 4503991 | 4490141 | 4503279 | 0.28   | cps   |
| Boron      | 10-1  | 5093    | 5293    | 4818    | 5068    | 4.71   | cps   |
| Boron      | 11-1  | 24395   | 22701   | 20523   | 22540   | 8.61   | cps   |
| Cadmium    | 111-1 | 2336    | 2340    | 2457    | 2378    | 2.90   | cps   |
| Cadmium    | 106-1 | 3167    | 3159    | 3351    | 3226    | 3.36   | cps   |
| Cadmium    | 108-1 | 21      | 13      | 25      | 19      | 32.73  | cps   |
| Calcium    | 43-1  | 608     | 658     | 683     | 650     | 5.87   | cps   |
| Calcium    | 44-1  | 16685   | 16235   | 14274   | 15731   | 8.15   | cps   |
| Chromium   | 52-2  | 590     | 550     | 613     | 584     | 5.48   | cps   |
| Cobalt     | 59-2  | 147     | 133     | 160     | 147     | 9.09   | cps   |
| Copper     | 63-2  | 547     | 520     | 507     | 524     | 3.88   | cps   |
| Dysprosium | 156-1 | 8       | 8       | 0       | 6       | 86.60  | cps   |
| Dysprosium | 156-2 | 7       | 3       | 7       | 6       | 34.70  | cps   |
| Erbium     | 164-1 | 33      | 25      | 17      | 25      | 33.32  | cps   |
| Erbium     | 164-2 | 17      | 20      | 23      | 20      | 16.65  | cps   |
| Gadolinium | 160-1 | 50      | 58      | 33      | 47      | 26.97  | cps   |
| Gadolinium | 160-2 | 173     | 143     | 147     | 154     | 10.65  | cps   |
| Holmium    | 165-1 | 9778383 | 9872629 | 9824589 | 9825200 | 0.48   | cps   |
| Holmium    | 165-2 | 6005128 | 5984221 | 6004626 | 5997992 | 0.20   | cps   |
| Indium     | 115-1 | 7004458 | 7072758 | 7039088 | 7038768 | 0.49   | cps   |
| Indium     | 115-2 | 1672277 | 1675039 | 1684153 | 1677156 | 0.37   | cps   |
| Iron       | 56-2  | 20765   | 18184   | 17233   | 18727   | 9.76   | cps   |
| Iron       | 57-2  | 589     | 494     | 372     | 485     | 22.39  | cps   |
| Krypton    | 83-1  | 270     | 233     | 260     | 254     | 7.45   | cps   |
| Lead       | 206-1 | 845     | 656     | 700     | 733     | 13.47  | cps   |
| Lead       | 207-1 | 683     | 722     | 678     | 694     | 3.49   | cps   |
| Lead       | 208-1 | 3489    | 3250    | 3067    | 3269    | 6.48   | cps   |
| Lithium    | 6-1   | 2695384 | 2714500 | 2695598 | 2701827 | 0.41   | cps   |
| Magnesium  | 24-2  | 3167    | 2625    | 2434    | 2742    | 13.87  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB21               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB21               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 16:50:01 | DataFile Name :   | 068CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 120      | 127      | 93       | 113      | 15.56  | cps   |
| Molybdenum | 94-1  | 2142     | 1967     | 1684     | 1931     | 11.98  | cps   |
| Molybdenum | 95-1  | 2709     | 2259     | 2267     | 2411     | 10.68  | cps   |
| Molybdenum | 96-1  | 2792     | 2575     | 2184     | 2517     | 12.25  | cps   |
| Molybdenum | 97-1  | 1425     | 1442     | 1375     | 1414     | 2.45   | cps   |
| Molybdenum | 98-1  | 4409     | 3409     | 3409     | 3742     | 15.43  | cps   |
| Neodymium  | 150-1 | 7        | 7        | 13       | 9        | 43.25  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Nickel     | 60-2  | 70       | 73       | 70       | 71       | 2.70   | cps   |
| Phosphorus | 31-2  | 58       | 67       | 75       | 67       | 12.49  | cps   |
| Potassium  | 39-2  | 20398    | 20031    | 19856    | 20095    | 1.38   | cps   |
| Rhodium    | 103-1 | 6346861  | 6348126  | 6341326  | 6345437  | 0.06   | cps   |
| Rhodium    | 103-2 | 3246462  | 3258304  | 3271697  | 3258821  | 0.39   | cps   |
| Scandium   | 45-1  | 4763812  | 4818237  | 4782989  | 4788346  | 0.58   | cps   |
| Scandium   | 45-2  | 227878   | 229557   | 232572   | 230002   | 1.03   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 41       | 44       | 48       | 44       | 8.34   | cps   |
| Selenium   | 82-1  | 190      | 193      | 159      | 181      | 10.46  | cps   |
| Silicon    | 28-1  | 171184   | 168547   | 168353   | 169361   | 0.93   | cps   |
| Silver     | 109-1 | 633      | 500      | 533      | 556      | 12.49  | cps   |
| Silver     | 107-1 | 858      | 675      | 567      | 700      | 21.06  | cps   |
| Sodium     | 23-2  | 22392    | 20932    | 20164    | 21163    | 5.35   | cps   |
| Strontium  | 86-1  | 525      | 542      | 467      | 511      | 7.70   | cps   |
| Strontium  | 88-1  | 1500     | 1217     | 1017     | 1245     | 19.52  | cps   |
| Sulfur     | 34-1  | 301585   | 303083   | 307977   | 304215   | 1.10   | cps   |
| Terbium    | 159-1 | 10078470 | 10119595 | 10155647 | 10117904 | 0.38   | cps   |
| Terbium    | 159-2 | 5953928  | 5927770  | 5909148  | 5930282  | 0.38   | cps   |
| Thallium   | 203-1 | 1192     | 967      | 942      | 1033     | 13.33  | cps   |
| Thallium   | 205-1 | 2775     | 2400     | 2092     | 2423     | 14.13  | cps   |
| Thorium    | 232-1 | 4017     | 3595     | 3223     | 3612     | 11.01  | cps   |
| Tin        | 118-1 | 1458     | 1300     | 1575     | 1445     | 9.56   | cps   |
| Titanium   | 47-1  | 483      | 425      | 283      | 397      | 25.89  | cps   |
| Uranium    | 238-1 | 1925     | 1742     | 1358     | 1675     | 17.26  | cps   |
| Vanadium   | 51-2  | 47       | 67       | 63       | 59       | 18.19  | cps   |
| Yttrium    | 89-1  | 7406868  | 7455341  | 7458757  | 7440322  | 0.39   | cps   |
| Yttrium    | 89-2  | 1259745  | 1252904  | 1264834  | 1259161  | 0.48   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB21               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB21               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 16:50:01 | DataFile Name :   | 068CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zinc      | 66-2 | 307  | 273  | 310  | 297     | 6.84   | cps   |
| Zirconium | 90-1 | 1533 | 1625 | 1400 | 1520    | 7.45   | cps   |
| Zirconium | 91-1 | 358  | 292  | 350  | 333     | 10.90  | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2944-05DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-5(4.5-5)DL     | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 16:53:38 | DataFile Name :   | 069SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1612152  | 1627764  | 1625851  | 1621922  | 0.53   | cps   |
| Antimony   | 121-1 | 3134     | 2609     | 2984     | 2909     | 9.30   | cps   |
| Arsenic    | 75-2  | 2259     | 2311     | 2385     | 2319     | 2.73   | cps   |
| Barium     | 135-1 | 392843   | 389381   | 386769   | 389664   | 0.78   | cps   |
| Barium     | 137-1 | 673797   | 674495   | 676108   | 674800   | 0.18   | cps   |
| Beryllium  | 9-1   | 2407     | 2314     | 2264     | 2328     | 3.13   | cps   |
| Bismuth    | 209-1 | 6788721  | 6829513  | 6795193  | 6804476  | 0.32   | cps   |
| Bismuth    | 209-2 | 4467126  | 4490672  | 4531566  | 4496455  | 0.73   | cps   |
| Boron      | 10-1  | 3742     | 3676     | 3592     | 3670     | 2.05   | cps   |
| Boron      | 11-1  | 15458    | 15667    | 15158    | 15428    | 1.66   | cps   |
| Cadmium    | 111-1 | 5250     | 5118     | 5576     | 5314     | 4.44   | cps   |
| Cadmium    | 106-1 | 3951     | 4259     | 4659     | 4290     | 8.28   | cps   |
| Cadmium    | 108-1 | 404      | 383      | 354      | 381      | 6.60   | cps   |
| Calcium    | 43-1  | 85757    | 85170    | 83343    | 84757    | 1.49   | cps   |
| Calcium    | 44-1  | 1400906  | 1392325  | 1403191  | 1398807  | 0.41   | cps   |
| Chromium   | 52-2  | 146367   | 147560   | 148670   | 147532   | 0.78   | cps   |
| Cobalt     | 59-2  | 79148    | 80489    | 80077    | 79905    | 0.86   | cps   |
| Copper     | 63-2  | 288812   | 289191   | 291764   | 289922   | 0.55   | cps   |
| Dysprosium | 156-1 | 51347    | 50335    | 50109    | 50597    | 1.30   | cps   |
| Dysprosium | 156-2 | 29248    | 29378    | 29839    | 29488    | 1.05   | cps   |
| Erbium     | 164-1 | 44850    | 44783    | 44666    | 44766    | 0.21   | cps   |
| Erbium     | 164-2 | 26543    | 26285    | 26923    | 26584    | 1.21   | cps   |
| Gadolinium | 160-1 | 45142    | 46655    | 44875    | 45557    | 2.11   | cps   |
| Gadolinium | 160-2 | 29605    | 29385    | 29916    | 29636    | 0.90   | cps   |
| Holmium    | 165-1 | 10000987 | 9994734  | 10057210 | 10017644 | 0.34   | cps   |
| Holmium    | 165-2 | 6071104  | 6058395  | 6133917  | 6087805  | 0.66   | cps   |
| Indium     | 115-1 | 7066719  | 7075516  | 7088487  | 7076908  | 0.15   | cps   |
| Indium     | 115-2 | 1665519  | 1685113  | 1697995  | 1682876  | 0.97   | cps   |
| Iron       | 56-2  | 68417493 | 68416722 | 68677475 | 68503897 | 0.22   | cps   |
| Iron       | 57-2  | 1639436  | 1650984  | 1658888  | 1649769  | 0.59   | cps   |
| Krypton    | 83-1  | 310      | 363      | 297      | 323      | 10.91  | cps   |
| Lead       | 206-1 | 2653167  | 2617236  | 2604178  | 2624860  | 0.97   | cps   |
| Lead       | 207-1 | 2222669  | 2205571  | 2187538  | 2205260  | 0.80   | cps   |
| Lead       | 208-1 | 10514304 | 10448047 | 10358203 | 10440184 | 0.75   | cps   |
| Lithium    | 6-1   | 2735791  | 2733846  | 2758368  | 2742668  | 0.50   | cps   |
| Magnesium  | 24-2  | 1209381  | 1219495  | 1219711  | 1216196  | 0.49   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2944-05DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-5(4.5-5)DL     | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 16:53:38 | DataFile Name :   | 069SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 1369109  | 1380627  | 1384023  | 1377920  | 0.57   | cps   |
| Molybdenum | 94-1  | 58136    | 56872    | 58019    | 57676    | 1.21   | cps   |
| Molybdenum | 95-1  | 3567     | 3734     | 4017     | 3773     | 6.03   | cps   |
| Molybdenum | 96-1  | 13966    | 13799    | 13474    | 13746    | 1.82   | cps   |
| Molybdenum | 97-1  | 2584     | 2209     | 2142     | 2311     | 10.30  | cps   |
| Molybdenum | 98-1  | 6227     | 5876     | 5668     | 5924     | 4.76   | cps   |
| Neodymium  | 150-1 | 68089    | 69067    | 68055    | 68403    | 0.84   | cps   |
| Neodymium  | 150-2 | 31646    | 31984    | 32331    | 31987    | 1.07   | cps   |
| Nickel     | 60-2  | 32473    | 32252    | 31788    | 32171    | 1.09   | cps   |
| Phosphorus | 31-2  | 2984     | 3009     | 3351     | 3114     | 6.58   | cps   |
| Potassium  | 39-2  | 159439   | 159666   | 160291   | 159799   | 0.28   | cps   |
| Rhodium    | 103-1 | 6342045  | 6399018  | 6388219  | 6376427  | 0.47   | cps   |
| Rhodium    | 103-2 | 3233704  | 3256649  | 3280013  | 3256788  | 0.71   | cps   |
| Scandium   | 45-1  | 4957938  | 4980656  | 4991932  | 4976842  | 0.35   | cps   |
| Scandium   | 45-2  | 238606   | 238813   | 238813   | 238744   | 0.05   | cps   |
| Selenium   | 77-2  | 120      | 107      | 80       | 102      | 19.92  | cps   |
| Selenium   | 78-2  | 117      | 128      | 176      | 140      | 22.48  | cps   |
| Selenium   | 82-1  | 404      | 332      | 449      | 395      | 14.98  | cps   |
| Silicon    | 28-1  | 20849633 | 20855481 | 20950945 | 20885353 | 0.27   | cps   |
| Silver     | 109-1 | 3876     | 4059     | 3967     | 3967     | 2.31   | cps   |
| Silver     | 107-1 | 4668     | 4001     | 4084     | 4251     | 8.55   | cps   |
| Sodium     | 23-2  | 78397    | 79905    | 80207    | 79503    | 1.22   | cps   |
| Strontium  | 86-1  | 48282    | 48817    | 48683    | 48594    | 0.57   | cps   |
| Strontium  | 88-1  | 423821   | 425296   | 423954   | 424357   | 0.19   | cps   |
| Sulfur     | 34-1  | 284781   | 277157   | 273236   | 278391   | 2.11   | cps   |
| Terbium    | 159-1 | 10302871 | 10301968 | 10369464 | 10324768 | 0.37   | cps   |
| Terbium    | 159-2 | 5972683  | 6038690  | 6043812  | 6018395  | 0.66   | cps   |
| Thallium   | 203-1 | 1442     | 1333     | 1558     | 1445     | 7.79   | cps   |
| Thallium   | 205-1 | 3809     | 4076     | 3642     | 3842     | 5.69   | cps   |
| Thorium    | 232-1 | 176557   | 180247   | 176568   | 177791   | 1.20   | cps   |
| Tin        | 118-1 | 7352     | 7619     | 7252     | 7408     | 2.56   | cps   |
| Titanium   | 47-1  | 407125   | 404516   | 404856   | 405499   | 0.35   | cps   |
| Uranium    | 238-1 | 70216    | 70608    | 69561    | 70128    | 0.75   | cps   |
| Vanadium   | 51-2  | 159835   | 160226   | 159720   | 159927   | 0.17   | cps   |
| Yttrium    | 89-1  | 8055723  | 8123462  | 8149873  | 8109686  | 0.60   | cps   |
| Yttrium    | 89-2  | 1359365  | 1365192  | 1364513  | 1363023  | 0.23   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2944-05DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-5(4.5-5)DL     | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 16:53:38 | DataFile Name :   | 069SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zinc      | 66-2 | 88687  | 91270  | 90129  | 90029   | 1.44   | cps   |
| Zirconium | 90-1 | 151612 | 152167 | 152511 | 152097  | 0.30   | cps   |
| Zirconium | 91-1 | 34718  | 34927  | 33306  | 34317   | 2.57   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2944-06DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-6(4.5-5)DL     | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 16:57:14 | DataFile Name :   | 070SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1528671  | 1531115  | 1513294  | 1524360  | 0.63   | cps   |
| Antimony   | 121-1 | 517      | 542      | 625      | 561      | 10.11  | cps   |
| Arsenic    | 75-2  | 1039     | 996      | 991      | 1009     | 2.61   | cps   |
| Barium     | 135-1 | 245760   | 241307   | 244944   | 244004   | 0.97   | cps   |
| Barium     | 137-1 | 429711   | 421542   | 428902   | 426718   | 1.05   | cps   |
| Beryllium  | 9-1   | 1303     | 1293     | 1313     | 1303     | 0.77   | cps   |
| Bismuth    | 209-1 | 6736470  | 7020207  | 6943504  | 6900060  | 2.13   | cps   |
| Bismuth    | 209-2 | 4497871  | 4529859  | 4556781  | 4528170  | 0.65   | cps   |
| Boron      | 10-1  | 2400     | 2434     | 2417     | 2417     | 0.69   | cps   |
| Boron      | 11-1  | 10821    | 11513    | 10346    | 10893    | 5.39   | cps   |
| Cadmium    | 111-1 | 2798     | 2440     | 2653     | 2630     | 6.84   | cps   |
| Cadmium    | 106-1 | 3992     | 3517     | 3759     | 3756     | 6.32   | cps   |
| Cadmium    | 108-1 | 163      | 204      | 142      | 169      | 18.78  | cps   |
| Calcium    | 43-1  | 38434    | 37390    | 38225    | 38017    | 1.45   | cps   |
| Calcium    | 44-1  | 642141   | 635310   | 639934   | 639128   | 0.55   | cps   |
| Chromium   | 52-2  | 134308   | 135606   | 134826   | 134914   | 0.48   | cps   |
| Cobalt     | 59-2  | 36111    | 36706    | 36034    | 36284    | 1.01   | cps   |
| Copper     | 63-2  | 32677    | 33940    | 33612    | 33409    | 1.96   | cps   |
| Dysprosium | 156-1 | 50386    | 48244    | 48604    | 49078    | 2.34   | cps   |
| Dysprosium | 156-2 | 28593    | 29258    | 28844    | 28898    | 1.16   | cps   |
| Erbium     | 164-1 | 37795    | 38798    | 38898    | 38497    | 1.58   | cps   |
| Erbium     | 164-2 | 22572    | 22799    | 22759    | 22710    | 0.53   | cps   |
| Gadolinium | 160-1 | 43052    | 43470    | 43470    | 43331    | 0.56   | cps   |
| Gadolinium | 160-2 | 27712    | 28266    | 28206    | 28061    | 1.08   | cps   |
| Holmium    | 165-1 | 9984245  | 10337379 | 10264169 | 10195265 | 1.83   | cps   |
| Holmium    | 165-2 | 6135316  | 6195175  | 6213539  | 6181343  | 0.66   | cps   |
| Indium     | 115-1 | 7066508  | 7284063  | 7248533  | 7199701  | 1.62   | cps   |
| Indium     | 115-2 | 1683334  | 1705210  | 1726067  | 1704870  | 1.25   | cps   |
| Iron       | 56-2  | 74461582 | 74221771 | 73321302 | 74001552 | 0.81   | cps   |
| Iron       | 57-2  | 1782905  | 1795945  | 1758784  | 1779211  | 1.06   | cps   |
| Krypton    | 83-1  | 333      | 337      | 350      | 340      | 2.59   | cps   |
| Lead       | 206-1 | 101496   | 101165   | 99844    | 100835   | 0.87   | cps   |
| Lead       | 207-1 | 83606    | 83941    | 85154    | 84234    | 0.97   | cps   |
| Lead       | 208-1 | 395417   | 394532   | 394932   | 394960   | 0.11   | cps   |
| Lithium    | 6-1   | 2751210  | 2829522  | 2793083  | 2791272  | 1.40   | cps   |
| Magnesium  | 24-2  | 708279   | 708135   | 711554   | 709323   | 0.27   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2944-06DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-6(4.5-5)DL     | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 16:57:14 | DataFile Name :   | 070SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 301373   | 302048   | 300408   | 301276   | 0.27   | cps   |
| Molybdenum | 94-1  | 45699    | 44621    | 45156    | 45159    | 1.19   | cps   |
| Molybdenum | 95-1  | 1325     | 1350     | 1267     | 1314     | 3.25   | cps   |
| Molybdenum | 96-1  | 9320     | 9212     | 9028     | 9187     | 1.61   | cps   |
| Molybdenum | 97-1  | 942      | 675      | 883      | 833      | 16.82  | cps   |
| Molybdenum | 98-1  | 2075     | 1900     | 1934     | 1970     | 4.72   | cps   |
| Neodymium  | 150-1 | 74186    | 73690    | 74683    | 74186    | 0.67   | cps   |
| Neodymium  | 150-2 | 34851    | 34687    | 35128    | 34889    | 0.64   | cps   |
| Nickel     | 60-2  | 15882    | 15952    | 15398    | 15744    | 1.92   | cps   |
| Phosphorus | 31-2  | 767      | 933      | 1108     | 936      | 18.25  | cps   |
| Potassium  | 39-2  | 74654    | 75459    | 73867    | 74660    | 1.07   | cps   |
| Rhodium    | 103-1 | 6392304  | 6616583  | 6551456  | 6520114  | 1.77   | cps   |
| Rhodium    | 103-2 | 3256400  | 3322256  | 3354067  | 3310908  | 1.50   | cps   |
| Scandium   | 45-1  | 5063044  | 5210853  | 5234854  | 5169584  | 1.80   | cps   |
| Scandium   | 45-2  | 241984   | 242461   | 242711   | 242385   | 0.15   | cps   |
| Selenium   | 77-2  | 107      | 107      | 80       | 98       | 15.75  | cps   |
| Selenium   | 78-2  | 169      | 144      | 126      | 146      | 14.60  | cps   |
| Selenium   | 82-1  | 322      | 361      | 334      | 339      | 5.93   | cps   |
| Silicon    | 28-1  | 27953023 | 27797924 | 27924778 | 27891908 | 0.30   | cps   |
| Silver     | 109-1 | 458      | 533      | 633      | 542      | 16.21  | cps   |
| Silver     | 107-1 | 758      | 950      | 775      | 828      | 12.83  | cps   |
| Sodium     | 23-2  | 161510   | 158852   | 162570   | 160978   | 1.19   | cps   |
| Strontium  | 86-1  | 26049    | 25565    | 25857    | 25824    | 0.94   | cps   |
| Strontium  | 88-1  | 224385   | 223623   | 225809   | 224606   | 0.49   | cps   |
| Sulfur     | 34-1  | 238395   | 234350   | 229110   | 233952   | 1.99   | cps   |
| Terbium    | 159-1 | 10297093 | 10629038 | 10533023 | 10486384 | 1.63   | cps   |
| Terbium    | 159-2 | 6013075  | 6081794  | 6108827  | 6067899  | 0.81   | cps   |
| Thallium   | 203-1 | 1308     | 1584     | 1333     | 1408     | 10.80  | cps   |
| Thallium   | 205-1 | 3359     | 3584     | 3567     | 3503     | 3.58   | cps   |
| Thorium    | 232-1 | 260154   | 259191   | 264380   | 261242   | 1.06   | cps   |
| Tin        | 118-1 | 783      | 925      | 700      | 803      | 14.17  | cps   |
| Titanium   | 47-1  | 209711   | 209466   | 211285   | 210154   | 0.47   | cps   |
| Uranium    | 238-1 | 110928   | 110752   | 112356   | 111345   | 0.79   | cps   |
| Vanadium   | 51-2  | 163635   | 163306   | 162804   | 163248   | 0.26   | cps   |
| Yttrium    | 89-1  | 7981978  | 8267191  | 8199088  | 8149419  | 1.83   | cps   |
| Yttrium    | 89-2  | 1347957  | 1370523  | 1379959  | 1366146  | 1.20   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2944-06DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-6(4.5-5)DL     | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 16:57:14 | DataFile Name :   | 070SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zinc      | 66-2 | 21459  | 21206  | 21246  | 21303   | 0.64   | cps   |
| Zirconium | 90-1 | 120495 | 122782 | 121596 | 121624  | 0.94   | cps   |
| Zirconium | 91-1 | 27953  | 26425  | 27594  | 27324   | 2.92   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2966-01DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-13(9.5-10)DL   | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 17:00:49 | DataFile Name :   | 071SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1457771  | 1447801  | 1444604  | 1450059  | 0.47   | cps   |
| Antimony   | 121-1 | 892      | 800      | 917      | 870      | 7.06   | cps   |
| Arsenic    | 75-2  | 2230     | 2202     | 2165     | 2199     | 1.48   | cps   |
| Barium     | 135-1 | 182459   | 183156   | 182616   | 182744   | 0.20   | cps   |
| Barium     | 137-1 | 318938   | 316499   | 319007   | 318148   | 0.45   | cps   |
| Beryllium  | 9-1   | 2117     | 2140     | 2177     | 2145     | 1.41   | cps   |
| Bismuth    | 209-1 | 6802422  | 6937133  | 6756303  | 6831952  | 1.38   | cps   |
| Bismuth    | 209-2 | 4528163  | 4596490  | 4632806  | 4585819  | 1.16   | cps   |
| Boron      | 10-1  | 2075     | 1909     | 2109     | 2031     | 5.28   | cps   |
| Boron      | 11-1  | 9345     | 9270     | 9395     | 9337     | 0.67   | cps   |
| Cadmium    | 111-1 | 4116     | 4055     | 4307     | 4159     | 3.16   | cps   |
| Cadmium    | 106-1 | 3826     | 3784     | 4109     | 3906     | 4.53   | cps   |
| Cadmium    | 108-1 | 267      | 325      | 296      | 296      | 9.86   | cps   |
| Calcium    | 43-1  | 41334    | 40431    | 41025    | 40930    | 1.12   | cps   |
| Calcium    | 44-1  | 672987   | 674117   | 677998   | 675034   | 0.39   | cps   |
| Chromium   | 52-2  | 77710    | 78464    | 77673    | 77949    | 0.57   | cps   |
| Cobalt     | 59-2  | 59504    | 58988    | 58971    | 59154    | 0.51   | cps   |
| Copper     | 63-2  | 143192   | 140904   | 140540   | 141545   | 1.02   | cps   |
| Dysprosium | 156-1 | 47425    | 48353    | 48821    | 48200    | 1.47   | cps   |
| Dysprosium | 156-2 | 29121    | 29011    | 29351    | 29161    | 0.60   | cps   |
| Erbium     | 164-1 | 39132    | 39901    | 40353    | 39795    | 1.55   | cps   |
| Erbium     | 164-2 | 23647    | 23280    | 23808    | 23578    | 1.15   | cps   |
| Gadolinium | 160-1 | 44649    | 44849    | 43780    | 44426    | 1.28   | cps   |
| Gadolinium | 160-2 | 29813    | 29555    | 29328    | 29565    | 0.82   | cps   |
| Holmium    | 165-1 | 10113598 | 10245756 | 10101135 | 10153496 | 0.79   | cps   |
| Holmium    | 165-2 | 6129608  | 6278346  | 6240678  | 6216211  | 1.24   | cps   |
| Indium     | 115-1 | 7193038  | 7270650  | 7164155  | 7209281  | 0.76   | cps   |
| Indium     | 115-2 | 1716419  | 1745818  | 1746102  | 1736113  | 0.98   | cps   |
| Iron       | 56-2  | 71686463 | 71744177 | 71860997 | 71763879 | 0.12   | cps   |
| Iron       | 57-2  | 1720908  | 1720622  | 1731688  | 1724406  | 0.37   | cps   |
| Krypton    | 83-1  | 313      | 333      | 353      | 333      | 6.00   | cps   |
| Lead       | 206-1 | 239191   | 235974   | 235479   | 236881   | 0.85   | cps   |
| Lead       | 207-1 | 199863   | 197218   | 198301   | 198461   | 0.67   | cps   |
| Lead       | 208-1 | 932453   | 926928   | 922417   | 927266   | 0.54   | cps   |
| Lithium    | 6-1   | 2814736  | 2829033  | 2810645  | 2818138  | 0.34   | cps   |
| Magnesium  | 24-2  | 1851932  | 1827700  | 1828904  | 1836179  | 0.74   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2966-01DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-13(9.5-10)DL   | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 17:00:49 | DataFile Name :   | 071SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 444553   | 446271   | 442854   | 444559   | 0.38   | cps   |
| Molybdenum | 94-1  | 47103    | 48282    | 46744    | 47377    | 1.70   | cps   |
| Molybdenum | 95-1  | 4501     | 4426     | 3917     | 4281     | 7.41   | cps   |
| Molybdenum | 96-1  | 13048    | 12873    | 13248    | 13057    | 1.44   | cps   |
| Molybdenum | 97-1  | 2934     | 2867     | 2717     | 2839     | 3.91   | cps   |
| Molybdenum | 98-1  | 6493     | 6985     | 7102     | 6860     | 4.71   | cps   |
| Neodymium  | 150-1 | 65469    | 64605    | 64337    | 64804    | 0.91   | cps   |
| Neodymium  | 150-2 | 30454    | 30771    | 30474    | 30566    | 0.58   | cps   |
| Nickel     | 60-2  | 48112    | 47694    | 47871    | 47892    | 0.44   | cps   |
| Phosphorus | 31-2  | 6235     | 5910     | 6210     | 6118     | 2.96   | cps   |
| Potassium  | 39-2  | 253291   | 249556   | 251741   | 251529   | 0.75   | cps   |
| Rhodium    | 103-1 | 6511173  | 6620418  | 6535903  | 6555831  | 0.87   | cps   |
| Rhodium    | 103-2 | 3297505  | 3347989  | 3364564  | 3336686  | 1.05   | cps   |
| Scandium   | 45-1  | 5063743  | 5123383  | 5045942  | 5077690  | 0.80   | cps   |
| Scandium   | 45-2  | 239477   | 245176   | 244765   | 243139   | 1.31   | cps   |
| Selenium   | 77-2  | 60       | 110      | 93       | 88       | 29.00  | cps   |
| Selenium   | 78-2  | 120      | 117      | 111      | 116      | 4.02   | cps   |
| Selenium   | 82-1  | 267      | 341      | 283      | 297      | 13.12  | cps   |
| Silicon    | 28-1  | 16149545 | 16155717 | 16183843 | 16163035 | 0.11   | cps   |
| Silver     | 109-1 | 6619     | 6910     | 6635     | 6721     | 2.44   | cps   |
| Silver     | 107-1 | 7160     | 6785     | 7085     | 7010     | 2.83   | cps   |
| Sodium     | 23-2  | 43330    | 43037    | 42920    | 43096    | 0.49   | cps   |
| Strontium  | 86-1  | 27903    | 28746    | 28897    | 28515    | 1.88   | cps   |
| Strontium  | 88-1  | 244626   | 247720   | 246054   | 246133   | 0.63   | cps   |
| Sulfur     | 34-1  | 226395   | 221835   | 220407   | 222879   | 1.40   | cps   |
| Terbium    | 159-1 | 10433424 | 10534621 | 10344124 | 10437390 | 0.91   | cps   |
| Terbium    | 159-2 | 6101059  | 6180711  | 6190464  | 6157411  | 0.80   | cps   |
| Thallium   | 203-1 | 1642     | 1700     | 1650     | 1664     | 1.90   | cps   |
| Thallium   | 205-1 | 3967     | 3917     | 3884     | 3923     | 1.07   | cps   |
| Thorium    | 232-1 | 208162   | 206514   | 208998   | 207891   | 0.61   | cps   |
| Tin        | 118-1 | 5860     | 5843     | 5751     | 5818     | 1.00   | cps   |
| Titanium   | 47-1  | 79691    | 76071    | 78032    | 77931    | 2.32   | cps   |
| Uranium    | 238-1 | 23556    | 23238    | 24215    | 23670    | 2.10   | cps   |
| Vanadium   | 51-2  | 49463    | 49623    | 49289    | 49458    | 0.34   | cps   |
| Yttrium    | 89-1  | 8211519  | 8327684  | 8191168  | 8243457  | 0.89   | cps   |
| Yttrium    | 89-2  | 1382364  | 1398958  | 1403448  | 1394923  | 0.80   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2966-01DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-13(9.5-10)DL   | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 17:00:49 | DataFile Name :   | 071SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zinc      | 66-2 | 118371 | 119020 | 118177 | 118523  | 0.37   | cps   |
| Zirconium | 90-1 | 125041 | 123058 | 123781 | 123960  | 0.81   | cps   |
| Zirconium | 91-1 | 27411  | 27836  | 27002  | 27416   | 1.52   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2966-02DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-14(4.5-5)DL    | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 17:04:26 | DataFile Name :   | 072SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1344900  | 1340085  | 1330593  | 1338526  | 0.54   | cps   |
| Antimony   | 121-1 | 175      | 325      | 367      | 289      | 34.89  | cps   |
| Arsenic    | 75-2  | 665      | 648      | 659      | 657      | 1.29   | cps   |
| Barium     | 135-1 | 352087   | 347958   | 343418   | 347821   | 1.25   | cps   |
| Barium     | 137-1 | 616579   | 601752   | 597554   | 605295   | 1.65   | cps   |
| Beryllium  | 9-1   | 1267     | 1427     | 1300     | 1331     | 6.34   | cps   |
| Bismuth    | 209-1 | 6866995  | 6834883  | 6838386  | 6846755  | 0.26   | cps   |
| Bismuth    | 209-2 | 4566847  | 4529630  | 4503830  | 4533436  | 0.70   | cps   |
| Boron      | 10-1  | 1759     | 1650     | 1717     | 1709     | 3.20   | cps   |
| Boron      | 11-1  | 7527     | 7752     | 7402     | 7561     | 2.35   | cps   |
| Cadmium    | 111-1 | 2673     | 2622     | 2412     | 2569     | 5.37   | cps   |
| Cadmium    | 106-1 | 3667     | 3617     | 3242     | 3509     | 6.62   | cps   |
| Cadmium    | 108-1 | 171      | 175      | 171      | 172      | 1.39   | cps   |
| Calcium    | 43-1  | 14282    | 14224    | 13373    | 13960    | 3.65   | cps   |
| Calcium    | 44-1  | 243557   | 238958   | 237278   | 239931   | 1.35   | cps   |
| Chromium   | 52-2  | 111843   | 113113   | 112398   | 112451   | 0.57   | cps   |
| Cobalt     | 59-2  | 29146    | 28758    | 28788    | 28897    | 0.75   | cps   |
| Copper     | 63-2  | 36091    | 35667    | 34948    | 35569    | 1.62   | cps   |
| Dysprosium | 156-1 | 47082    | 45735    | 46062    | 46293    | 1.52   | cps   |
| Dysprosium | 156-2 | 27835    | 27197    | 26793    | 27275    | 1.93   | cps   |
| Erbium     | 164-1 | 39107    | 37126    | 37954    | 38063    | 2.61   | cps   |
| Erbium     | 164-2 | 22285    | 22916    | 22669    | 22623    | 1.41   | cps   |
| Gadolinium | 160-1 | 42692    | 42743    | 41832    | 42422    | 1.21   | cps   |
| Gadolinium | 160-2 | 26649    | 26917    | 26953    | 26840    | 0.62   | cps   |
| Holmium    | 165-1 | 10236501 | 10083625 | 10107109 | 10142412 | 0.81   | cps   |
| Holmium    | 165-2 | 6227848  | 6186362  | 6151312  | 6188508  | 0.62   | cps   |
| Indium     | 115-1 | 7336632  | 7283314  | 7261455  | 7293800  | 0.53   | cps   |
| Indium     | 115-2 | 1733642  | 1721957  | 1717877  | 1724492  | 0.47   | cps   |
| Iron       | 56-2  | 48596179 | 48361472 | 47932257 | 48296636 | 0.70   | cps   |
| Iron       | 57-2  | 1163658  | 1159742  | 1158082  | 1160494  | 0.25   | cps   |
| Krypton    | 83-1  | 370      | 347      | 323      | 347      | 6.73   | cps   |
| Lead       | 206-1 | 99559    | 97818    | 98020    | 98466    | 0.97   | cps   |
| Lead       | 207-1 | 82835    | 81101    | 81292    | 81743    | 1.16   | cps   |
| Lead       | 208-1 | 387751   | 379956   | 383438   | 383715   | 1.02   | cps   |
| Lithium    | 6-1   | 2852706  | 2818878  | 2781865  | 2817816  | 1.26   | cps   |
| Magnesium  | 24-2  | 688995   | 684913   | 683506   | 685805   | 0.42   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2966-02DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-14(4.5-5)DL    | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 17:04:26 | DataFile Name :   | 072SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 148483   | 148224   | 144989   | 147232   | 1.32   | cps   |
| Molybdenum | 94-1  | 42790    | 40801    | 42105    | 41898    | 2.41   | cps   |
| Molybdenum | 95-1  | 942      | 958      | 850      | 917      | 6.36   | cps   |
| Molybdenum | 96-1  | 7994     | 8061     | 8303     | 8119     | 2.00   | cps   |
| Molybdenum | 97-1  | 483      | 625      | 433      | 514      | 19.35  | cps   |
| Molybdenum | 98-1  | 1250     | 1125     | 1417     | 1264     | 11.58  | cps   |
| Neodymium  | 150-1 | 67880    | 66802    | 65081    | 66587    | 2.12   | cps   |
| Neodymium  | 150-2 | 32549    | 31957    | 31807    | 32104    | 1.22   | cps   |
| Nickel     | 60-2  | 16710    | 16096    | 15852    | 16219    | 2.72   | cps   |
| Phosphorus | 31-2  | 808      | 650      | 808      | 756      | 12.10  | cps   |
| Potassium  | 39-2  | 70208    | 70552    | 70593    | 70451    | 0.30   | cps   |
| Rhodium    | 103-1 | 6712542  | 6611115  | 6529858  | 6617838  | 1.38   | cps   |
| Rhodium    | 103-2 | 3350398  | 3343116  | 3334394  | 3342636  | 0.24   | cps   |
| Scandium   | 45-1  | 5238720  | 5119446  | 5121382  | 5159849  | 1.32   | cps   |
| Scandium   | 45-2  | 247442   | 244085   | 242346   | 244624   | 1.06   | cps   |
| Selenium   | 77-2  | 90       | 140      | 100      | 110      | 24.05  | cps   |
| Selenium   | 78-2  | 133      | 107      | 111      | 117      | 11.96  | cps   |
| Selenium   | 82-1  | 385      | 350      | 363      | 366      | 4.87   | cps   |
| Silicon    | 28-1  | 22264891 | 21919975 | 21761982 | 21982283 | 1.17   | cps   |
| Silver     | 109-1 | 417      | 375      | 358      | 383      | 7.84   | cps   |
| Silver     | 107-1 | 467      | 450      | 500      | 472      | 5.39   | cps   |
| Sodium     | 23-2  | 60021    | 58507    | 60673    | 59734    | 1.86   | cps   |
| Strontium  | 86-1  | 18187    | 17586    | 16886    | 17553    | 3.71   | cps   |
| Strontium  | 88-1  | 151494   | 150433   | 149017   | 150314   | 0.83   | cps   |
| Sulfur     | 34-1  | 217904   | 211770   | 209274   | 212983   | 2.09   | cps   |
| Terbium    | 159-1 | 10629261 | 10460945 | 10371297 | 10487168 | 1.25   | cps   |
| Terbium    | 159-2 | 6154262  | 6126811  | 6098644  | 6126572  | 0.45   | cps   |
| Thallium   | 203-1 | 1525     | 1408     | 1167     | 1367     | 13.37  | cps   |
| Thallium   | 205-1 | 3442     | 3417     | 3134     | 3331     | 5.14   | cps   |
| Thorium    | 232-1 | 266865   | 262629   | 260636   | 263377   | 1.21   | cps   |
| Tin        | 118-1 | 808      | 867      | 742      | 806      | 7.76   | cps   |
| Titanium   | 47-1  | 141119   | 137333   | 134643   | 137698   | 2.36   | cps   |
| Uranium    | 238-1 | 103240   | 103374   | 100494   | 102370   | 1.59   | cps   |
| Vanadium   | 51-2  | 109469   | 108703   | 107810   | 108661   | 0.76   | cps   |
| Yttrium    | 89-1  | 8302326  | 8201484  | 8128223  | 8210678  | 1.06   | cps   |
| Yttrium    | 89-2  | 1387651  | 1382770  | 1382455  | 1384292  | 0.21   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2966-02DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-14(4.5-5)DL    | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 17:04:26 | DataFile Name :   | 072SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zinc      | 66-2 | 23536  | 24464  | 24204  | 24068   | 1.99   | cps   |
| Zirconium | 90-1 | 110935 | 111228 | 110206 | 110790  | 0.48   | cps   |
| Zirconium | 91-1 | 24922  | 25306  | 24731  | 24986   | 1.17   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2966-03DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-15(1.2-1.7)DL  | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 17:08:02 | DataFile Name :   | 073SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1737186  | 1735979  | 1729895  | 1734353  | 0.23   | cps   |
| Antimony   | 121-1 | 175      | 217      | 192      | 194      | 10.79  | cps   |
| Arsenic    | 75-2  | 513      | 561      | 524      | 533      | 4.73   | cps   |
| Barium     | 135-1 | 1004357  | 999339   | 990116   | 997937   | 0.72   | cps   |
| Barium     | 137-1 | 1743158  | 1734571  | 1722164  | 1733298  | 0.61   | cps   |
| Beryllium  | 9-1   | 2700     | 2690     | 2710     | 2700     | 0.37   | cps   |
| Bismuth    | 209-1 | 7240462  | 6886831  | 6898732  | 7008675  | 2.87   | cps   |
| Bismuth    | 209-2 | 4587497  | 4547384  | 4559545  | 4564809  | 0.45   | cps   |
| Boron      | 10-1  | 1292     | 1425     | 1233     | 1317     | 7.46   | cps   |
| Boron      | 11-1  | 5735     | 5993     | 5651     | 5793     | 3.08   | cps   |
| Cadmium    | 111-1 | 2532     | 2343     | 2444     | 2440     | 3.86   | cps   |
| Cadmium    | 106-1 | 3692     | 3509     | 3534     | 3578     | 2.78   | cps   |
| Cadmium    | 108-1 | 129      | 179      | 108      | 139      | 26.21  | cps   |
| Calcium    | 43-1  | 73684    | 74245    | 73298    | 73742    | 0.65   | cps   |
| Calcium    | 44-1  | 1204243  | 1194562  | 1198357  | 1199054  | 0.41   | cps   |
| Chromium   | 52-2  | 108069   | 106947   | 107709   | 107575   | 0.53   | cps   |
| Cobalt     | 59-2  | 18892    | 18499    | 18832    | 18741    | 1.13   | cps   |
| Copper     | 63-2  | 13960    | 14100    | 14147    | 14069    | 0.69   | cps   |
| Dysprosium | 156-1 | 62434    | 62150    | 61003    | 61862    | 1.22   | cps   |
| Dysprosium | 156-2 | 37608    | 36405    | 37174    | 37062    | 1.64   | cps   |
| Erbium     | 164-1 | 52234    | 52535    | 53656    | 52809    | 1.42   | cps   |
| Erbium     | 164-2 | 31142    | 30862    | 30928    | 30977    | 0.47   | cps   |
| Gadolinium | 160-1 | 57037    | 58058    | 57496    | 57530    | 0.89   | cps   |
| Gadolinium | 160-2 | 37635    | 37274    | 37414    | 37441    | 0.49   | cps   |
| Holmium    | 165-1 | 10744521 | 10205682 | 10200065 | 10383423 | 3.01   | cps   |
| Holmium    | 165-2 | 6235788  | 6166437  | 6172230  | 6191485  | 0.62   | cps   |
| Indium     | 115-1 | 7677995  | 7274223  | 7253037  | 7401752  | 3.24   | cps   |
| Indium     | 115-2 | 1736627  | 1734085  | 1729853  | 1733522  | 0.20   | cps   |
| Iron       | 56-2  | 27084825 | 27089642 | 27061489 | 27078652 | 0.06   | cps   |
| Iron       | 57-2  | 654072   | 645220   | 651095   | 650129   | 0.69   | cps   |
| Krypton    | 83-1  | 287      | 370      | 370      | 342      | 14.06  | cps   |
| Lead       | 206-1 | 93353    | 94724    | 94042    | 94039    | 0.73   | cps   |
| Lead       | 207-1 | 77234    | 78122    | 78101    | 77819    | 0.65   | cps   |
| Lead       | 208-1 | 367383   | 369591   | 367964   | 368312   | 0.31   | cps   |
| Lithium    | 6-1   | 2935692  | 2795282  | 2787504  | 2839493  | 2.94   | cps   |
| Magnesium  | 24-2  | 551648   | 545097   | 542046   | 546264   | 0.90   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2966-03DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-15(1.2-1.7)DL  | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 17:08:02 | DataFile Name :   | 073SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 158850   | 157567   | 158078   | 158165   | 0.41   | cps   |
| Molybdenum | 94-1  | 30867    | 31352    | 30458    | 30893    | 1.45   | cps   |
| Molybdenum | 95-1  | 708      | 500      | 575      | 594      | 17.75  | cps   |
| Molybdenum | 96-1  | 5893     | 5993     | 6102     | 5996     | 1.74   | cps   |
| Molybdenum | 97-1  | 425      | 333      | 417      | 392      | 12.94  | cps   |
| Molybdenum | 98-1  | 983      | 908      | 975      | 956      | 4.30   | cps   |
| Neodymium  | 150-1 | 88778    | 89355    | 89020    | 89051    | 0.33   | cps   |
| Neodymium  | 150-2 | 42539    | 41887    | 42716    | 42381    | 1.03   | cps   |
| Nickel     | 60-2  | 14167    | 13843    | 13957    | 13989    | 1.17   | cps   |
| Phosphorus | 31-2  | 342      | 442      | 367      | 383      | 13.58  | cps   |
| Potassium  | 39-2  | 90651    | 90576    | 91816    | 91014    | 0.76   | cps   |
| Rhodium    | 103-1 | 6971340  | 6611162  | 6602456  | 6728319  | 3.13   | cps   |
| Rhodium    | 103-2 | 3361490  | 3333904  | 3321325  | 3338907  | 0.62   | cps   |
| Scandium   | 45-1  | 5504099  | 5239077  | 5225939  | 5323038  | 2.95   | cps   |
| Scandium   | 45-2  | 246716   | 247730   | 245912   | 246786   | 0.37   | cps   |
| Selenium   | 77-2  | 143      | 120      | 147      | 137      | 10.63  | cps   |
| Selenium   | 78-2  | 135      | 170      | 169      | 158      | 12.53  | cps   |
| Selenium   | 82-1  | 401      | 345      | 368      | 371      | 7.64   | cps   |
| Silicon    | 28-1  | 25985310 | 26080383 | 25777300 | 25947664 | 0.60   | cps   |
| Silver     | 109-1 | 508      | 433      | 600      | 514      | 16.24  | cps   |
| Silver     | 107-1 | 525      | 608      | 550      | 561      | 7.62   | cps   |
| Sodium     | 23-2  | 76906    | 75498    | 75264    | 75889    | 1.17   | cps   |
| Strontium  | 86-1  | 53659    | 53710    | 52229    | 53199    | 1.58   | cps   |
| Strontium  | 88-1  | 465807   | 467106   | 457427   | 463447   | 1.13   | cps   |
| Sulfur     | 34-1  | 211032   | 206969   | 205845   | 207948   | 1.31   | cps   |
| Terbium    | 159-1 | 11081269 | 10502051 | 10521446 | 10701589 | 3.07   | cps   |
| Terbium    | 159-2 | 6178417  | 6085719  | 6120346  | 6128161  | 0.76   | cps   |
| Thallium   | 203-1 | 1042     | 1050     | 833      | 975      | 12.59  | cps   |
| Thallium   | 205-1 | 2417     | 2259     | 2175     | 2284     | 5.38   | cps   |
| Thorium    | 232-1 | 279505   | 278754   | 277575   | 278612   | 0.35   | cps   |
| Tin        | 118-1 | 717      | 558      | 742      | 672      | 14.79  | cps   |
| Titanium   | 47-1  | 34600    | 35185    | 35853    | 35212    | 1.78   | cps   |
| Uranium    | 238-1 | 99790    | 98328    | 99973    | 99364    | 0.91   | cps   |
| Vanadium   | 51-2  | 66998    | 66556    | 66811    | 66788    | 0.33   | cps   |
| Yttrium    | 89-1  | 8914689  | 8554853  | 8472543  | 8647362  | 2.72   | cps   |
| Yttrium    | 89-2  | 1432943  | 1419572  | 1419933  | 1424149  | 0.53   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2966-03DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-15(1.2-1.7)DL  | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 17:08:02 | DataFile Name :   | 073SMPL.d |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zinc      | 66-2 | 17688 | 18088 | 17624 | 17800   | 1.41   | cps   |
| Zirconium | 90-1 | 81826 | 83149 | 82713 | 82563   | 0.82   | cps   |
| Zirconium | 91-1 | 19013 | 18396 | 19522 | 18977   | 2.97   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2966-04DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-16(2.4-2.9)DL  | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 17:11:39 | DataFile Name :   | 074SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 1952898   | 1954607   | 1955222   | 1954242   | 0.06   | cps   |
| Antimony   | 121-1 | 183       | 100       | 150       | 144       | 29.04  | cps   |
| Arsenic    | 75-2  | 1441      | 1395      | 1430      | 1422      | 1.70   | cps   |
| Barium     | 135-1 | 295518    | 285555    | 287930    | 289668    | 1.80   | cps   |
| Barium     | 137-1 | 512079    | 504123    | 500168    | 505457    | 1.20   | cps   |
| Beryllium  | 9-1   | 1680      | 1600      | 1613      | 1631      | 2.63   | cps   |
| Bismuth    | 209-1 | 6773828   | 6775671   | 6765486   | 6771662   | 0.08   | cps   |
| Bismuth    | 209-2 | 4503380   | 4535205   | 4483776   | 4507453   | 0.58   | cps   |
| Boron      | 10-1  | 1175      | 1250      | 1275      | 1233      | 4.22   | cps   |
| Boron      | 11-1  | 4868      | 4943      | 5159      | 4990      | 3.04   | cps   |
| Cadmium    | 111-1 | 2267      | 2350      | 2267      | 2295      | 2.08   | cps   |
| Cadmium    | 106-1 | 3376      | 3467      | 3367      | 3403      | 1.63   | cps   |
| Cadmium    | 108-1 | 196       | 200       | 171       | 189       | 8.35   | cps   |
| Calcium    | 43-1  | 56919     | 55421     | 54576     | 55639     | 2.13   | cps   |
| Calcium    | 44-1  | 921133    | 908550    | 905802    | 911828    | 0.90   | cps   |
| Chromium   | 52-2  | 135287    | 134332    | 133585    | 134401    | 0.63   | cps   |
| Cobalt     | 59-2  | 39162     | 38210     | 38467     | 38613     | 1.28   | cps   |
| Copper     | 63-2  | 31985     | 31668     | 31424     | 31692     | 0.89   | cps   |
| Dysprosium | 156-1 | 54434     | 54685     | 54802     | 54640     | 0.34   | cps   |
| Dysprosium | 156-2 | 32662     | 33090     | 32402     | 32718     | 1.06   | cps   |
| Erbium     | 164-1 | 41447     | 40402     | 39650     | 40500     | 2.23   | cps   |
| Erbium     | 164-2 | 24352     | 23791     | 24255     | 24133     | 1.24   | cps   |
| Gadolinium | 160-1 | 50067     | 48503     | 47158     | 48576     | 3.00   | cps   |
| Gadolinium | 160-2 | 31623     | 32385     | 31493     | 31834     | 1.51   | cps   |
| Holmium    | 165-1 | 10036322  | 10060355  | 10017423  | 10038033  | 0.21   | cps   |
| Holmium    | 165-2 | 6181847   | 6155474   | 6096504   | 6144608   | 0.71   | cps   |
| Indium     | 115-1 | 7170289   | 7201987   | 7183324   | 7185200   | 0.22   | cps   |
| Indium     | 115-2 | 1708363   | 1720316   | 1701282   | 1709987   | 0.56   | cps   |
| Iron       | 56-2  | 104067986 | 104670141 | 103163219 | 103967115 | 0.73   | cps   |
| Iron       | 57-2  | 2507257   | 2518429   | 2477333   | 2501006   | 0.85   | cps   |
| Krypton    | 83-1  | 277       | 297       | 320       | 298       | 7.28   | cps   |
| Lead       | 206-1 | 119341    | 119514    | 118259    | 119038    | 0.57   | cps   |
| Lead       | 207-1 | 98926     | 99514     | 97729     | 98723     | 0.92   | cps   |
| Lead       | 208-1 | 465848    | 466959    | 462331    | 465046    | 0.52   | cps   |
| Lithium    | 6-1   | 2765719   | 2771215   | 2767516   | 2768150   | 0.10   | cps   |
| Magnesium  | 24-2  | 947664    | 947187    | 936047    | 943633    | 0.70   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2966-04DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-16(2.4-2.9)DL  | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 17:11:39 | DataFile Name :   | 074SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 114891   | 115636   | 113171   | 114566   | 1.10   | cps   |
| Molybdenum | 94-1  | 52556    | 52414    | 53083    | 52684    | 0.67   | cps   |
| Molybdenum | 95-1  | 992      | 1158     | 892      | 1014     | 13.29  | cps   |
| Molybdenum | 96-1  | 10571    | 10304    | 10763    | 10546    | 2.18   | cps   |
| Molybdenum | 97-1  | 683      | 617      | 525      | 608      | 13.07  | cps   |
| Molybdenum | 98-1  | 1775     | 1900     | 1684     | 1786     | 6.09   | cps   |
| Neodymium  | 150-1 | 81850    | 81823    | 81165    | 81613    | 0.47   | cps   |
| Neodymium  | 150-2 | 39209    | 39928    | 39273    | 39470    | 1.01   | cps   |
| Nickel     | 60-2  | 17117    | 16833    | 16399    | 16783    | 2.15   | cps   |
| Phosphorus | 31-2  | 425      | 625      | 575      | 542      | 19.22  | cps   |
| Potassium  | 39-2  | 63704    | 62407    | 63495    | 63202    | 1.10   | cps   |
| Rhodium    | 103-1 | 6465513  | 6449154  | 6509334  | 6474667  | 0.48   | cps   |
| Rhodium    | 103-2 | 3284070  | 3300611  | 3283112  | 3289264  | 0.30   | cps   |
| Scandium   | 45-1  | 5153490  | 5169819  | 5121630  | 5148313  | 0.48   | cps   |
| Scandium   | 45-2  | 243220   | 243576   | 243136   | 243311   | 0.10   | cps   |
| Selenium   | 77-2  | 147      | 127      | 103      | 126      | 17.27  | cps   |
| Selenium   | 78-2  | 119      | 135      | 154      | 136      | 12.96  | cps   |
| Selenium   | 82-1  | 364      | 343      | 333      | 347      | 4.64   | cps   |
| Silicon    | 28-1  | 22138710 | 22092570 | 22066531 | 22099271 | 0.17   | cps   |
| Silver     | 109-1 | 242      | 283      | 267      | 264      | 7.95   | cps   |
| Silver     | 107-1 | 392      | 392      | 467      | 417      | 10.39  | cps   |
| Sodium     | 23-2  | 99789    | 100066   | 97558    | 99138    | 1.39   | cps   |
| Strontium  | 86-1  | 33640    | 32897    | 33315    | 33284    | 1.12   | cps   |
| Strontium  | 88-1  | 292727   | 290446   | 286712   | 289961   | 1.05   | cps   |
| Sulfur     | 34-1  | 194907   | 195704   | 195069   | 195226   | 0.22   | cps   |
| Terbium    | 159-1 | 10388442 | 10386394 | 10326329 | 10367055 | 0.34   | cps   |
| Terbium    | 159-2 | 6072829  | 6105126  | 6056804  | 6078253  | 0.40   | cps   |
| Thallium   | 203-1 | 1375     | 1458     | 1275     | 1370     | 6.70   | cps   |
| Thallium   | 205-1 | 3617     | 3792     | 3609     | 3673     | 2.82   | cps   |
| Thorium    | 232-1 | 302642   | 302011   | 300797   | 301817   | 0.31   | cps   |
| Tin        | 118-1 | 633      | 834      | 667      | 711      | 15.11  | cps   |
| Titanium   | 47-1  | 70787    | 71055    | 74120    | 71988    | 2.57   | cps   |
| Uranium    | 238-1 | 112314   | 112407   | 111711   | 112144   | 0.34   | cps   |
| Vanadium   | 51-2  | 185202   | 187477   | 186364   | 186348   | 0.61   | cps   |
| Yttrium    | 89-1  | 8238351  | 8185342  | 8177857  | 8200517  | 0.40   | cps   |
| Yttrium    | 89-2  | 1382346  | 1388676  | 1381020  | 1384014  | 0.30   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2966-04DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-16(2.4-2.9)DL  | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 17:11:39 | DataFile Name :   | 074SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zinc      | 66-2 | 18789  | 18866  | 18555  | 18737   | 0.86   | cps   |
| Zirconium | 90-1 | 141122 | 140264 | 139709 | 140365  | 0.51   | cps   |
| Zirconium | 91-1 | 30751  | 30634  | 31277  | 30887   | 1.11   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2966-05DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-17(1.9-2.4)DL  | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 17:15:16 | DataFile Name :   | 075SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2426189  | 2442611  | 2420974  | 2429925  | 0.46   | cps   |
| Antimony   | 121-1 | 150      | 283      | 292      | 242      | 32.89  | cps   |
| Arsenic    | 75-2  | 1065     | 1037     | 1033     | 1045     | 1.65   | cps   |
| Barium     | 135-1 | 795728   | 791724   | 782309   | 789920   | 0.87   | cps   |
| Barium     | 137-1 | 1375809  | 1365461  | 1358605  | 1366625  | 0.63   | cps   |
| Beryllium  | 9-1   | 3814     | 3917     | 3701     | 3811     | 2.84   | cps   |
| Bismuth    | 209-1 | 6668419  | 6703408  | 6654102  | 6675310  | 0.38   | cps   |
| Bismuth    | 209-2 | 4390097  | 4418426  | 4425329  | 4411284  | 0.42   | cps   |
| Boron      | 10-1  | 1583     | 1475     | 1600     | 1553     | 4.37   | cps   |
| Boron      | 11-1  | 6602     | 6743     | 6543     | 6629     | 1.55   | cps   |
| Cadmium    | 111-1 | 2665     | 2753     | 2656     | 2691     | 1.98   | cps   |
| Cadmium    | 106-1 | 3817     | 3901     | 3784     | 3834     | 1.57   | cps   |
| Cadmium    | 108-1 | 254      | 296      | 246      | 265      | 10.10  | cps   |
| Calcium    | 43-1  | 81248    | 81265    | 81499    | 81337    | 0.17   | cps   |
| Calcium    | 44-1  | 1335524  | 1324899  | 1330868  | 1330430  | 0.40   | cps   |
| Chromium   | 52-2  | 184045   | 185581   | 184357   | 184661   | 0.44   | cps   |
| Cobalt     | 59-2  | 51162    | 51537    | 51313    | 51337    | 0.37   | cps   |
| Copper     | 63-2  | 76056    | 76167    | 77883    | 76702    | 1.33   | cps   |
| Dysprosium | 156-1 | 81668    | 79573    | 79866    | 80369    | 1.41   | cps   |
| Dysprosium | 156-2 | 47536    | 48910    | 48014    | 48153    | 1.45   | cps   |
| Erbium     | 164-1 | 71303    | 71898    | 69929    | 71044    | 1.42   | cps   |
| Erbium     | 164-2 | 41921    | 42386    | 41693    | 42000    | 0.84   | cps   |
| Gadolinium | 160-1 | 75006    | 75056    | 72794    | 74285    | 1.74   | cps   |
| Gadolinium | 160-2 | 47602    | 48208    | 48181    | 47997    | 0.71   | cps   |
| Holmium    | 165-1 | 9968346  | 9956631  | 9877888  | 9934288  | 0.50   | cps   |
| Holmium    | 165-2 | 6038920  | 6035393  | 6003101  | 6025805  | 0.33   | cps   |
| Indium     | 115-1 | 7016381  | 7038944  | 6992532  | 7015952  | 0.33   | cps   |
| Indium     | 115-2 | 1638533  | 1655698  | 1643417  | 1645883  | 0.54   | cps   |
| Iron       | 56-2  | 82158766 | 82697766 | 82485888 | 82447473 | 0.33   | cps   |
| Iron       | 57-2  | 1963692  | 1980225  | 1985376  | 1976431  | 0.57   | cps   |
| Krypton    | 83-1  | 347      | 420      | 340      | 369      | 12.03  | cps   |
| Lead       | 206-1 | 202833   | 204323   | 202232   | 203129   | 0.53   | cps   |
| Lead       | 207-1 | 168813   | 168453   | 170893   | 169386   | 0.78   | cps   |
| Lead       | 208-1 | 795907   | 795267   | 794581   | 795252   | 0.08   | cps   |
| Lithium    | 6-1   | 2713933  | 2685129  | 2670964  | 2690009  | 0.81   | cps   |
| Magnesium  | 24-2  | 806949   | 815941   | 816093   | 812994   | 0.64   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2966-05DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-17(1.9-2.4)DL  | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 17:15:16 | DataFile Name :   | 075SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 175883   | 177779   | 177547   | 177070   | 0.58   | cps   |
| Molybdenum | 94-1  | 64655    | 65994    | 65409    | 65353    | 1.03   | cps   |
| Molybdenum | 95-1  | 992      | 892      | 1108     | 997      | 10.87  | cps   |
| Molybdenum | 96-1  | 12573    | 11739    | 12264    | 12192    | 3.46   | cps   |
| Molybdenum | 97-1  | 575      | 750      | 508      | 611      | 20.42  | cps   |
| Molybdenum | 98-1  | 1358     | 1275     | 1525     | 1386     | 9.18   | cps   |
| Neodymium  | 150-1 | 113982   | 113511   | 112799   | 113431   | 0.53   | cps   |
| Neodymium  | 150-2 | 53048    | 53025    | 53932    | 53335    | 0.97   | cps   |
| Nickel     | 60-2  | 23997    | 23339    | 23219    | 23518    | 1.78   | cps   |
| Phosphorus | 31-2  | 1325     | 1325     | 1008     | 1220     | 14.99  | cps   |
| Potassium  | 39-2  | 77577    | 80008    | 81306    | 79631    | 2.38   | cps   |
| Rhodium    | 103-1 | 6330185  | 6334457  | 6259342  | 6307995  | 0.67   | cps   |
| Rhodium    | 103-2 | 3174549  | 3195403  | 3178904  | 3182952  | 0.35   | cps   |
| Scandium   | 45-1  | 5065716  | 5024697  | 5001532  | 5030648  | 0.65   | cps   |
| Scandium   | 45-2  | 235189   | 236362   | 238065   | 236539   | 0.61   | cps   |
| Selenium   | 77-2  | 180      | 110      | 170      | 153      | 24.69  | cps   |
| Selenium   | 78-2  | 156      | 189      | 180      | 175      | 9.85   | cps   |
| Selenium   | 82-1  | 438      | 488      | 470      | 465      | 5.42   | cps   |
| Silicon    | 28-1  | 24899296 | 24748686 | 24708466 | 24785483 | 0.41   | cps   |
| Silver     | 109-1 | 658      | 708      | 700      | 689      | 3.89   | cps   |
| Silver     | 107-1 | 1008     | 1008     | 942      | 986      | 3.90   | cps   |
| Sodium     | 23-2  | 80608    | 79654    | 80416    | 80226    | 0.63   | cps   |
| Strontium  | 86-1  | 51560    | 51075    | 51034    | 51223    | 0.57   | cps   |
| Strontium  | 88-1  | 451298   | 452508   | 446315   | 450040   | 0.73   | cps   |
| Sulfur     | 34-1  | 190476   | 194545   | 192975   | 192665   | 1.07   | cps   |
| Terbium    | 159-1 | 10188689 | 10245978 | 10150214 | 10194961 | 0.47   | cps   |
| Terbium    | 159-2 | 5914366  | 5930492  | 5918862  | 5921240  | 0.14   | cps   |
| Thallium   | 203-1 | 2400     | 2300     | 2000     | 2234     | 9.32   | cps   |
| Thallium   | 205-1 | 5852     | 5610     | 5768     | 5743     | 2.14   | cps   |
| Thorium    | 232-1 | 326818   | 324761   | 325631   | 325736   | 0.32   | cps   |
| Tin        | 118-1 | 783      | 717      | 667      | 722      | 8.10   | cps   |
| Titanium   | 47-1  | 90049    | 92338    | 90217    | 90868    | 1.40   | cps   |
| Uranium    | 238-1 | 146138   | 141269   | 141764   | 143057   | 1.87   | cps   |
| Vanadium   | 51-2  | 311336   | 312897   | 315674   | 313303   | 0.70   | cps   |
| Yttrium    | 89-1  | 8461879  | 8438520  | 8383344  | 8427914  | 0.48   | cps   |
| Yttrium    | 89-2  | 1402053  | 1415497  | 1402545  | 1406698  | 0.54   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2966-05DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-17(1.9-2.4)DL  | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 17:15:16 | DataFile Name :   | 075SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zinc      | 66-2 | 37729  | 38020  | 38187  | 37978   | 0.61   | cps   |
| Zirconium | 90-1 | 175941 | 176145 | 172206 | 174764  | 1.27   | cps   |
| Zirconium | 91-1 | 39882  | 39790  | 39196  | 39623   | 0.94   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2966-06DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-18(2.5-3.0)DL  | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 17:18:53 | DataFile Name :   | 076SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1733668  | 1712985  | 1722824  | 1723159  | 0.60   | cps   |
| Antimony   | 121-1 | 3009     | 3251     | 3034     | 3098     | 4.29   | cps   |
| Arsenic    | 75-2  | 4256     | 4238     | 4225     | 4240     | 0.37   | cps   |
| Barium     | 135-1 | 475614   | 478753   | 471669   | 475345   | 0.75   | cps   |
| Barium     | 137-1 | 819761   | 823255   | 812124   | 818380   | 0.70   | cps   |
| Beryllium  | 9-1   | 2347     | 2447     | 2424     | 2406     | 2.17   | cps   |
| Bismuth    | 209-1 | 6683986  | 6662251  | 6767334  | 6704524  | 0.83   | cps   |
| Bismuth    | 209-2 | 4496855  | 4473892  | 4097913  | 4356220  | 5.14   | cps   |
| Boron      | 10-1  | 1750     | 1759     | 2059     | 1856     | 9.47   | cps   |
| Boron      | 11-1  | 7852     | 8453     | 8303     | 8203     | 3.81   | cps   |
| Cadmium    | 111-1 | 5031     | 5210     | 4937     | 5059     | 2.75   | cps   |
| Cadmium    | 106-1 | 4076     | 4134     | 4142     | 4117     | 0.88   | cps   |
| Cadmium    | 108-1 | 508      | 429      | 442      | 460      | 9.26   | cps   |
| Calcium    | 43-1  | 93989    | 94652    | 93394    | 94012    | 0.67   | cps   |
| Calcium    | 44-1  | 1541065  | 1530603  | 1525075  | 1532248  | 0.53   | cps   |
| Chromium   | 52-2  | 263974   | 261244   | 263144   | 262787   | 0.53   | cps   |
| Cobalt     | 59-2  | 90349    | 92422    | 91667    | 91479    | 1.15   | cps   |
| Copper     | 63-2  | 505777   | 508257   | 509883   | 507972   | 0.41   | cps   |
| Dysprosium | 156-1 | 46045    | 45000    | 44164    | 45069    | 2.09   | cps   |
| Dysprosium | 156-2 | 27354    | 27772    | 27701    | 27609    | 0.81   | cps   |
| Erbium     | 164-1 | 44089    | 43546    | 43194    | 43610    | 1.03   | cps   |
| Erbium     | 164-2 | 26536    | 26349    | 25935    | 26273    | 1.17   | cps   |
| Gadolinium | 160-1 | 43386    | 42492    | 43245    | 43041    | 1.12   | cps   |
| Gadolinium | 160-2 | 27858    | 27732    | 28079    | 27890    | 0.63   | cps   |
| Holmium    | 165-1 | 9930807  | 9787886  | 9982507  | 9900400  | 1.02   | cps   |
| Holmium    | 165-2 | 6101570  | 6060054  | 5521605  | 5894409  | 5.49   | cps   |
| Indium     | 115-1 | 7017985  | 6870644  | 7071995  | 6986875  | 1.49   | cps   |
| Indium     | 115-2 | 1695209  | 1675798  | 1527306  | 1632771  | 5.63   | cps   |
| Iron       | 56-2  | 98721813 | 97581138 | 98696788 | 98333247 | 0.66   | cps   |
| Iron       | 57-2  | 2347977  | 2344608  | 2367690  | 2353425  | 0.53   | cps   |
| Krypton    | 83-1  | 380      | 343      | 373      | 366      | 5.34   | cps   |
| Lead       | 206-1 | 6665733  | 6692365  | 6678951  | 6679016  | 0.20   | cps   |
| Lead       | 207-1 | 5427423  | 5706368  | 5695461  | 5609751  | 2.82   | cps   |
| Lead       | 208-1 | 25989110 | 26463199 | 26336697 | 26263002 | 0.93   | cps   |
| Lithium    | 6-1   | 2689994  | 2649550  | 2686896  | 2675480  | 0.84   | cps   |
| Magnesium  | 24-2  | 1314384  | 1291715  | 1307026  | 1304375  | 0.89   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2966-06DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-18(2.5-3.0)DL  | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 17:18:53 | DataFile Name :   | 076SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 1086506  | 1080853  | 1092800  | 1086719  | 0.55   | cps   |
| Molybdenum | 94-1  | 76454    | 74611    | 74435    | 75167    | 1.49   | cps   |
| Molybdenum | 95-1  | 4418     | 4784     | 4359     | 4520     | 5.10   | cps   |
| Molybdenum | 96-1  | 17470    | 17595    | 17587    | 17550    | 0.40   | cps   |
| Molybdenum | 97-1  | 2734     | 2784     | 2975     | 2831     | 4.51   | cps   |
| Molybdenum | 98-1  | 7436     | 7586     | 7160     | 7394     | 2.92   | cps   |
| Neodymium  | 150-1 | 60305    | 60862    | 61544    | 60904    | 1.02   | cps   |
| Neodymium  | 150-2 | 29278    | 29061    | 29555    | 29298    | 0.85   | cps   |
| Nickel     | 60-2  | 37130    | 37097    | 37648    | 37292    | 0.83   | cps   |
| Phosphorus | 31-2  | 6277     | 6226     | 5785     | 6096     | 4.44   | cps   |
| Potassium  | 39-2  | 151896   | 151398   | 153713   | 152336   | 0.80   | cps   |
| Rhodium    | 103-1 | 6304403  | 6229742  | 6328719  | 6287621  | 0.82   | cps   |
| Rhodium    | 103-2 | 3242235  | 3234813  | 2952932  | 3143327  | 5.25   | cps   |
| Scandium   | 45-1  | 4988006  | 4868893  | 4983331  | 4946743  | 1.36   | cps   |
| Scandium   | 45-2  | 240097   | 238224   | 215425   | 231248   | 5.94   | cps   |
| Selenium   | 77-2  | 73       | 90       | 117      | 93       | 23.42  | cps   |
| Selenium   | 78-2  | 146      | 135      | 126      | 136      | 7.51   | cps   |
| Selenium   | 82-1  | 396      | 421      | 364      | 394      | 7.26   | cps   |
| Silicon    | 28-1  | 26013030 | 26162735 | 25991227 | 26055664 | 0.36   | cps   |
| Silver     | 109-1 | 6218     | 6585     | 7219     | 6674     | 7.58   | cps   |
| Silver     | 107-1 | 7794     | 7436     | 7769     | 7666     | 2.61   | cps   |
| Sodium     | 23-2  | 111732   | 112437   | 114451   | 112873   | 1.25   | cps   |
| Strontium  | 86-1  | 62068    | 62570    | 61114    | 61917    | 1.19   | cps   |
| Strontium  | 88-1  | 549820   | 549967   | 538581   | 546123   | 1.20   | cps   |
| Sulfur     | 34-1  | 210466   | 210694   | 211386   | 210849   | 0.23   | cps   |
| Terbium    | 159-1 | 10274144 | 9980272  | 10266304 | 10173573 | 1.65   | cps   |
| Terbium    | 159-2 | 6005875  | 5972051  | 5442801  | 5806909  | 5.44   | cps   |
| Thallium   | 203-1 | 1250     | 1517     | 1317     | 1361     | 10.20  | cps   |
| Thallium   | 205-1 | 3667     | 3734     | 3467     | 3623     | 3.83   | cps   |
| Thorium    | 232-1 | 162225   | 160651   | 157508   | 160128   | 1.50   | cps   |
| Tin        | 118-1 | 10871    | 10321    | 10613    | 10602    | 2.60   | cps   |
| Titanium   | 47-1  | 409149   | 413080   | 407685   | 409971   | 0.68   | cps   |
| Uranium    | 238-1 | 65783    | 67669    | 67366    | 66939    | 1.51   | cps   |
| Vanadium   | 51-2  | 208417   | 209164   | 211806   | 209796   | 0.85   | cps   |
| Yttrium    | 89-1  | 8033489  | 7914884  | 8012949  | 7987108  | 0.79   | cps   |
| Yttrium    | 89-2  | 1365918  | 1365144  | 1246044  | 1325702  | 5.20   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2966-06DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-18(2.5-3.0)DL  | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 17:18:53 | DataFile Name :   | 076SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zinc      | 66-2 | 164834 | 164548 | 164164 | 164515  | 0.20   | cps   |
| Zirconium | 90-1 | 196268 | 198437 | 195965 | 196890  | 0.68   | cps   |
| Zirconium | 91-1 | 44219  | 44127  | 44328  | 44225   | 0.23   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2986-01DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-19(6.5-7)DL    | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 17:22:30 | DataFile Name :   | 077SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2650840  | 2667598  | 2679116  | 2665852  | 0.53   | cps   |
| Antimony   | 121-1 | 167      | 242      | 167      | 192      | 22.59  | cps   |
| Arsenic    | 75-2  | 794      | 759      | 750      | 768      | 3.05   | cps   |
| Barium     | 135-1 | 1825056  | 1830009  | 1827940  | 1827668  | 0.14   | cps   |
| Barium     | 137-1 | 3193765  | 3186879  | 3139690  | 3173445  | 0.93   | cps   |
| Beryllium  | 9-1   | 6548     | 6218     | 6141     | 6303     | 3.43   | cps   |
| Bismuth    | 209-1 | 6563674  | 6516056  | 6444024  | 6507918  | 0.93   | cps   |
| Bismuth    | 209-2 | 4279426  | 4321153  | 4323014  | 4307864  | 0.57   | cps   |
| Boron      | 10-1  | 1283     | 1625     | 1458     | 1456     | 11.74  | cps   |
| Boron      | 11-1  | 6218     | 6101     | 6552     | 6290     | 3.71   | cps   |
| Cadmium    | 111-1 | 2450     | 2392     | 2472     | 2438     | 1.70   | cps   |
| Cadmium    | 106-1 | 3584     | 3501     | 3576     | 3553     | 1.29   | cps   |
| Cadmium    | 108-1 | 233      | 221      | 217      | 224      | 3.88   | cps   |
| Calcium    | 43-1  | 112467   | 115153   | 113702   | 113774   | 1.18   | cps   |
| Calcium    | 44-1  | 1843463  | 1853802  | 1846115  | 1847793  | 0.29   | cps   |
| Chromium   | 52-2  | 185909   | 185255   | 184806   | 185323   | 0.30   | cps   |
| Cobalt     | 59-2  | 55267    | 55920    | 55776    | 55654    | 0.62   | cps   |
| Copper     | 63-2  | 60632    | 59872    | 60066    | 60190    | 0.66   | cps   |
| Dysprosium | 156-1 | 124638   | 123998   | 125748   | 124795   | 0.71   | cps   |
| Dysprosium | 156-2 | 74909    | 73441    | 74862    | 74404    | 1.12   | cps   |
| Erbium     | 164-1 | 115721   | 118031   | 114745   | 116166   | 1.45   | cps   |
| Erbium     | 164-2 | 68263    | 68953    | 68460    | 68559    | 0.52   | cps   |
| Gadolinium | 160-1 | 117669   | 118688   | 116089   | 117482   | 1.11   | cps   |
| Gadolinium | 160-2 | 75851    | 77233    | 76767    | 76617    | 0.92   | cps   |
| Holmium    | 165-1 | 9755593  | 9639334  | 9649092  | 9681340  | 0.67   | cps   |
| Holmium    | 165-2 | 5875181  | 5916204  | 5883599  | 5891661  | 0.37   | cps   |
| Indium     | 115-1 | 6835126  | 6827252  | 6788117  | 6816832  | 0.37   | cps   |
| Indium     | 115-2 | 1606958  | 1616141  | 1633374  | 1618824  | 0.83   | cps   |
| Iron       | 56-2  | 32927126 | 32969050 | 33088055 | 32994744 | 0.25   | cps   |
| Iron       | 57-2  | 787873   | 793276   | 794255   | 791801   | 0.43   | cps   |
| Krypton    | 83-1  | 417      | 493      | 447      | 452      | 8.54   | cps   |
| Lead       | 206-1 | 193171   | 192361   | 189435   | 191656   | 1.03   | cps   |
| Lead       | 207-1 | 161277   | 162484   | 158433   | 160731   | 1.29   | cps   |
| Lead       | 208-1 | 750506   | 753674   | 743403   | 749194   | 0.70   | cps   |
| Lithium    | 6-1   | 2632955  | 2618130  | 2614443  | 2621843  | 0.37   | cps   |
| Magnesium  | 24-2  | 1238442  | 1244576  | 1245102  | 1242707  | 0.30   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2986-01DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-19(6.5-7)DL    | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 17:22:30 | DataFile Name :   | 077SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 130162   | 132432   | 131370   | 131322   | 0.86   | cps   |
| Molybdenum | 94-1  | 62295    | 63014    | 62337    | 62549    | 0.65   | cps   |
| Molybdenum | 95-1  | 383      | 475      | 508      | 456      | 14.21  | cps   |
| Molybdenum | 96-1  | 10805    | 10855    | 11505    | 11055    | 3.54   | cps   |
| Molybdenum | 97-1  | 258      | 433      | 333      | 342      | 25.70  | cps   |
| Molybdenum | 98-1  | 758      | 667      | 767      | 731      | 7.60   | cps   |
| Neodymium  | 150-1 | 167473   | 165515   | 164523   | 165837   | 0.91   | cps   |
| Neodymium  | 150-2 | 77865    | 78284    | 78636    | 78261    | 0.49   | cps   |
| Nickel     | 60-2  | 38614    | 38400    | 39002    | 38672    | 0.79   | cps   |
| Phosphorus | 31-2  | 350      | 283      | 367      | 333      | 13.23  | cps   |
| Potassium  | 39-2  | 139080   | 139332   | 139886   | 139433   | 0.30   | cps   |
| Rhodium    | 103-1 | 6122129  | 6110952  | 6109650  | 6114243  | 0.11   | cps   |
| Rhodium    | 103-2 | 3085984  | 3112917  | 3114107  | 3104336  | 0.51   | cps   |
| Scandium   | 45-1  | 4966434  | 4929732  | 4943174  | 4946447  | 0.38   | cps   |
| Scandium   | 45-2  | 232535   | 233774   | 236798   | 234369   | 0.94   | cps   |
| Selenium   | 77-2  | 290      | 250      | 317      | 286      | 11.75  | cps   |
| Selenium   | 78-2  | 237      | 189      | 276      | 234      | 18.64  | cps   |
| Selenium   | 82-1  | 413      | 435      | 420      | 422      | 2.67   | cps   |
| Silicon    | 28-1  | 24941187 | 24894014 | 24896590 | 24910597 | 0.11   | cps   |
| Silver     | 109-1 | 692      | 825      | 675      | 731      | 11.26  | cps   |
| Silver     | 107-1 | 925      | 933      | 975      | 945      | 2.84   | cps   |
| Sodium     | 23-2  | 351773   | 354506   | 356567   | 354282   | 0.68   | cps   |
| Strontium  | 86-1  | 80710    | 80835    | 80384    | 80643    | 0.29   | cps   |
| Strontium  | 88-1  | 699683   | 700747   | 697069   | 699166   | 0.27   | cps   |
| Sulfur     | 34-1  | 206045   | 202507   | 204880   | 204477   | 0.88   | cps   |
| Terbium    | 159-1 | 10074413 | 9888787  | 9978316  | 9980505  | 0.93   | cps   |
| Terbium    | 159-2 | 5802274  | 5818652  | 5822909  | 5814612  | 0.19   | cps   |
| Thallium   | 203-1 | 2142     | 1684     | 1850     | 1892     | 12.26  | cps   |
| Thallium   | 205-1 | 4876     | 4484     | 4826     | 4729     | 4.51   | cps   |
| Thorium    | 232-1 | 513135   | 506315   | 506932   | 508794   | 0.74   | cps   |
| Tin        | 118-1 | 758      | 692      | 750      | 733      | 4.95   | cps   |
| Titanium   | 47-1  | 68953    | 68945    | 69087    | 68995    | 0.12   | cps   |
| Uranium    | 238-1 | 92948    | 89851    | 89600    | 90800    | 2.05   | cps   |
| Vanadium   | 51-2  | 127834   | 129179   | 128624   | 128546   | 0.53   | cps   |
| Yttrium    | 89-1  | 8802031  | 8811767  | 8682549  | 8765449  | 0.82   | cps   |
| Yttrium    | 89-2  | 1454827  | 1478450  | 1478501  | 1470593  | 0.93   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2986-01DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-19(6.5-7)DL    | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 17:22:30 | DataFile Name :   | 077SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zinc      | 66-2 | 39727  | 40155  | 39968  | 39950   | 0.54   | cps   |
| Zirconium | 90-1 | 167299 | 167730 | 168842 | 167957  | 0.47   | cps   |
| Zirconium | 91-1 | 38477  | 38427  | 37968  | 38291   | 0.73   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2986-02DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-21(4.5-5)DL    | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 17:26:06 | DataFile Name :   | 078SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2442556  | 2448111  | 2469097  | 2453255  | 0.57   | cps   |
| Antimony   | 121-1 | 75       | 133      | 75       | 94       | 35.66  | cps   |
| Arsenic    | 75-2  | 817      | 713      | 802      | 777      | 7.22   | cps   |
| Barium     | 135-1 | 350119   | 343006   | 347360   | 346828   | 1.03   | cps   |
| Barium     | 137-1 | 597489   | 592540   | 599397   | 596475   | 0.59   | cps   |
| Beryllium  | 9-1   | 3717     | 3667     | 3504     | 3629     | 3.07   | cps   |
| Bismuth    | 209-1 | 6528288  | 6326604  | 6490019  | 6448304  | 1.66   | cps   |
| Bismuth    | 209-2 | 4257810  | 4314013  | 4323936  | 4298586  | 0.83   | cps   |
| Boron      | 10-1  | 1000     | 1083     | 1142     | 1075     | 6.62   | cps   |
| Boron      | 11-1  | 5184     | 4668     | 4876     | 4909     | 5.30   | cps   |
| Cadmium    | 111-1 | 2674     | 2340     | 2715     | 2576     | 7.99   | cps   |
| Cadmium    | 106-1 | 3942     | 3417     | 3959     | 3773     | 8.17   | cps   |
| Cadmium    | 108-1 | 200      | 158      | 146      | 168      | 16.88  | cps   |
| Calcium    | 43-1  | 48088    | 49843    | 49593    | 49174    | 1.93   | cps   |
| Calcium    | 44-1  | 811263   | 805216   | 803633   | 806704   | 0.50   | cps   |
| Chromium   | 52-2  | 148428   | 148169   | 148667   | 148421   | 0.17   | cps   |
| Cobalt     | 59-2  | 89122    | 89662    | 89930    | 89571    | 0.46   | cps   |
| Copper     | 63-2  | 29122    | 29153    | 29156    | 29144    | 0.06   | cps   |
| Dysprosium | 156-1 | 110510   | 107377   | 108140   | 108675   | 1.50   | cps   |
| Dysprosium | 156-2 | 64561    | 64521    | 65723    | 64935    | 1.05   | cps   |
| Erbium     | 164-1 | 94308    | 93369    | 93108    | 93595    | 0.67   | cps   |
| Erbium     | 164-2 | 56151    | 55773    | 56208    | 56044    | 0.42   | cps   |
| Gadolinium | 160-1 | 101063   | 100745   | 99823    | 100544   | 0.64   | cps   |
| Gadolinium | 160-2 | 64759    | 64367    | 65120    | 64749    | 0.58   | cps   |
| Holmium    | 165-1 | 9742468  | 9385585  | 9655564  | 9594539  | 1.94   | cps   |
| Holmium    | 165-2 | 5805465  | 5845245  | 5904055  | 5851588  | 0.85   | cps   |
| Indium     | 115-1 | 6846931  | 6654366  | 6817924  | 6773074  | 1.53   | cps   |
| Indium     | 115-2 | 1616952  | 1622517  | 1636013  | 1625161  | 0.60   | cps   |
| Iron       | 56-2  | 68998915 | 68077950 | 69126431 | 68734432 | 0.83   | cps   |
| Iron       | 57-2  | 1650451  | 1638786  | 1664049  | 1651096  | 0.77   | cps   |
| Krypton    | 83-1  | 353      | 343      | 407      | 368      | 9.26   | cps   |
| Lead       | 206-1 | 154239   | 153086   | 153936   | 153754   | 0.39   | cps   |
| Lead       | 207-1 | 127539   | 127852   | 127622   | 127671   | 0.13   | cps   |
| Lead       | 208-1 | 604535   | 600451   | 596920   | 600636   | 0.63   | cps   |
| Lithium    | 6-1   | 2620359  | 2554945  | 2613159  | 2596154  | 1.38   | cps   |
| Magnesium  | 24-2  | 1446610  | 1453706  | 1457653  | 1452656  | 0.39   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2986-02DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-21(4.5-5)DL    | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 17:26:06 | DataFile Name :   | 078SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 128481   | 128303   | 130876   | 129220   | 1.11   | cps   |
| Molybdenum | 94-1  | 46460    | 45891    | 44613    | 45655    | 2.07   | cps   |
| Molybdenum | 95-1  | 333      | 342      | 267      | 314      | 13.10  | cps   |
| Molybdenum | 96-1  | 8036     | 8336     | 8461     | 8278     | 2.64   | cps   |
| Molybdenum | 97-1  | 117      | 208      | 133      | 153      | 31.96  | cps   |
| Molybdenum | 98-1  | 500      | 533      | 450      | 494      | 8.48   | cps   |
| Neodymium  | 150-1 | 145958   | 144740   | 144989   | 145229   | 0.44   | cps   |
| Neodymium  | 150-2 | 69721    | 69624    | 69796    | 69714    | 0.12   | cps   |
| Nickel     | 60-2  | 30425    | 30635    | 30919    | 30660    | 0.81   | cps   |
| Phosphorus | 31-2  | 392      | 350      | 283      | 342      | 15.99  | cps   |
| Potassium  | 39-2  | 102201   | 103601   | 102948   | 102916   | 0.68   | cps   |
| Rhodium    | 103-1 | 6189929  | 5969945  | 6119179  | 6093018  | 1.84   | cps   |
| Rhodium    | 103-2 | 3107118  | 3140484  | 3119841  | 3122481  | 0.54   | cps   |
| Scandium   | 45-1  | 4888276  | 4792995  | 4895759  | 4859010  | 1.18   | cps   |
| Scandium   | 45-2  | 231416   | 231120   | 232921   | 231819   | 0.42   | cps   |
| Selenium   | 77-2  | 223      | 160      | 190      | 191      | 16.58  | cps   |
| Selenium   | 78-2  | 176      | 228      | 219      | 207      | 13.33  | cps   |
| Selenium   | 82-1  | 396      | 393      | 331      | 373      | 9.77   | cps   |
| Silicon    | 28-1  | 22854920 | 22791309 | 22792060 | 22812763 | 0.16   | cps   |
| Silver     | 109-1 | 842      | 683      | 758      | 761      | 10.41  | cps   |
| Silver     | 107-1 | 825      | 925      | 783      | 845      | 8.62   | cps   |
| Sodium     | 23-2  | 329080   | 326160   | 329562   | 328267   | 0.56   | cps   |
| Strontium  | 86-1  | 43283    | 41737    | 41712    | 42244    | 2.13   | cps   |
| Strontium  | 88-1  | 365435   | 367219   | 366660   | 366438   | 0.25   | cps   |
| Sulfur     | 34-1  | 194731   | 192140   | 190553   | 192475   | 1.10   | cps   |
| Terbium    | 159-1 | 9915478  | 9746514  | 10001262 | 9887751  | 1.31   | cps   |
| Terbium    | 159-2 | 5787721  | 5816942  | 5838949  | 5814537  | 0.44   | cps   |
| Thallium   | 203-1 | 1383     | 1458     | 1433     | 1425     | 2.68   | cps   |
| Thallium   | 205-1 | 3642     | 3901     | 3559     | 3701     | 4.82   | cps   |
| Thorium    | 232-1 | 408484   | 406198   | 402719   | 405800   | 0.72   | cps   |
| Tin        | 118-1 | 658      | 458      | 608      | 575      | 18.10  | cps   |
| Titanium   | 47-1  | 75703    | 78400    | 77974    | 77359    | 1.87   | cps   |
| Uranium    | 238-1 | 101712   | 103425   | 100536   | 101891   | 1.43   | cps   |
| Vanadium   | 51-2  | 109579   | 109416   | 109838   | 109611   | 0.19   | cps   |
| Yttrium    | 89-1  | 8588943  | 8382624  | 8663783  | 8545117  | 1.70   | cps   |
| Yttrium    | 89-2  | 1438633  | 1441710  | 1450092  | 1443479  | 0.41   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2986-02DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-21(4.5-5)DL    | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 17:26:06 | DataFile Name :   | 078SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zinc      | 66-2 | 31584  | 31948  | 32376  | 31970   | 1.24   | cps   |
| Zirconium | 90-1 | 120410 | 121747 | 122083 | 121414  | 0.73   | cps   |
| Zirconium | 91-1 | 27435  | 27018  | 27744  | 27399   | 1.33   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB103076            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV22               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV22               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2019-05-29 17:30:11 | DataFile Name :   | 079CCV.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 4667142   | 4645367   | 4603682   | 4638731   | 0.70   | cps   |
| Antimony   | 121-1 | 3229004   | 3242589   | 3308080   | 3259891   | 1.30   | cps   |
| Arsenic    | 75-2  | 125260    | 123448    | 123508    | 124072    | 0.83   | cps   |
| Barium     | 135-1 | 4483925   | 4505170   | 4558944   | 4516013   | 0.86   | cps   |
| Barium     | 137-1 | 8003382   | 8076381   | 8187583   | 8089116   | 1.15   | cps   |
| Beryllium  | 9-1   | 869109    | 872167    | 880184    | 873820    | 0.65   | cps   |
| Bismuth    | 209-1 | 5824530   | 5841872   | 5983298   | 5883233   | 1.48   | cps   |
| Bismuth    | 209-2 | 3848970   | 3857170   | 3872269   | 3859470   | 0.31   | cps   |
| Boron      | 10-1  | 129183    | 136630    | 138961    | 134925    | 3.79   | cps   |
| Boron      | 11-1  | 574518    | 586131    | 604059    | 588236    | 2.53   | cps   |
| Cadmium    | 111-1 | 945921    | 948298    | 958778    | 950999    | 0.72   | cps   |
| Cadmium    | 106-1 | 111722    | 111075    | 113125    | 111974    | 0.94   | cps   |
| Cadmium    | 108-1 | 75337     | 74214     | 74859     | 74803     | 0.75   | cps   |
| Calcium    | 43-1  | 5466533   | 5536695   | 5565509   | 5522912   | 0.92   | cps   |
| Calcium    | 44-1  | 89189625  | 89491315  | 90471121  | 89717353  | 0.75   | cps   |
| Chromium   | 52-2  | 1096056   | 1088607   | 1082653   | 1089105   | 0.62   | cps   |
| Cobalt     | 59-2  | 1621599   | 1619952   | 1625057   | 1622203   | 0.16   | cps   |
| Copper     | 63-2  | 2323790   | 2322022   | 2319604   | 2321805   | 0.09   | cps   |
| Dysprosium | 156-1 | 133       | 142       | 100       | 125       | 17.63  | cps   |
| Dysprosium | 156-2 | 93        | 100       | 140       | 111       | 22.71  | cps   |
| Erbium     | 164-1 | 42        | 75        | 83        | 67        | 33.07  | cps   |
| Erbium     | 164-2 | 30        | 20        | 23        | 24        | 20.83  | cps   |
| Gadolinium | 160-1 | 33        | 50        | 133       | 72        | 74.19  | cps   |
| Gadolinium | 160-2 | 200       | 153       | 153       | 169       | 15.95  | cps   |
| Holmium    | 165-1 | 9313408   | 9358881   | 9565115   | 9412468   | 1.43   | cps   |
| Holmium    | 165-2 | 5694299   | 5591477   | 5667792   | 5651189   | 0.94   | cps   |
| Indium     | 115-1 | 6177117   | 6221453   | 6310376   | 6236315   | 1.09   | cps   |
| Indium     | 115-2 | 1488024   | 1484693   | 1474017   | 1482244   | 0.49   | cps   |
| Iron       | 56-2  | 235730422 | 234438539 | 232937166 | 234368709 | 0.60   | cps   |
| Iron       | 57-2  | 5919037   | 5874662   | 5829865   | 5874521   | 0.76   | cps   |
| Krypton    | 83-1  | 217       | 250       | 243       | 237       | 7.45   | cps   |
| Lead       | 206-1 | 3061189   | 3066669   | 3140308   | 3089388   | 1.43   | cps   |
| Lead       | 207-1 | 2847579   | 2838876   | 2906411   | 2864289   | 1.28   | cps   |
| Lead       | 208-1 | 12842409  | 12891413  | 13196179  | 12976667  | 1.48   | cps   |
| Lithium    | 6-1   | 2398594   | 2392550   | 2433885   | 2408343   | 0.93   | cps   |
| Magnesium  | 24-2  | 45675327  | 45529369  | 45260772  | 45488489  | 0.46   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB103076            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV22               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV22               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2019-05-29 17:30:11 | DataFile Name :   | 079CCV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 1424678  | 1420822  | 1417620  | 1421040  | 0.25   | cps   |
| Molybdenum | 94-1  | 7173192  | 7175488  | 7262136  | 7203606  | 0.70   | cps   |
| Molybdenum | 95-1  | 8694053  | 8714095  | 8814238  | 8740795  | 0.74   | cps   |
| Molybdenum | 96-1  | 9654866  | 9716336  | 9795829  | 9722344  | 0.73   | cps   |
| Molybdenum | 97-1  | 5450256  | 5483070  | 5544458  | 5492594  | 0.87   | cps   |
| Molybdenum | 98-1  | 13891142 | 13977611 | 14188808 | 14019187 | 1.09   | cps   |
| Neodymium  | 150-1 | 567      | 507      | 567      | 547      | 6.34   | cps   |
| Neodymium  | 150-2 | 60       | 63       | 87       | 70       | 20.76  | cps   |
| Nickel     | 60-2  | 398858   | 398557   | 400154   | 399190   | 0.21   | cps   |
| Phosphorus | 31-2  | 41517    | 42403    | 40715    | 41545    | 2.03   | cps   |
| Potassium  | 39-2  | 23780126 | 23763725 | 23529753 | 23691201 | 0.59   | cps   |
| Rhodium    | 103-1 | 5330778  | 5333297  | 5442038  | 5368704  | 1.18   | cps   |
| Rhodium    | 103-2 | 2761384  | 2752752  | 2757291  | 2757142  | 0.16   | cps   |
| Scandium   | 45-1  | 4236566  | 4233424  | 4291836  | 4253942  | 0.77   | cps   |
| Scandium   | 45-2  | 214892   | 211875   | 210624   | 212464   | 1.03   | cps   |
| Selenium   | 77-2  | 4067     | 3751     | 3661     | 3826     | 5.58   | cps   |
| Selenium   | 78-2  | 13000    | 12530    | 12750    | 12760    | 1.85   | cps   |
| Selenium   | 82-1  | 68088    | 68183    | 68999    | 68423    | 0.73   | cps   |
| Silicon    | 28-1  | 2596376  | 2608332  | 2628380  | 2611029  | 0.62   | cps   |
| Silver     | 109-1 | 4025453  | 4028914  | 4093082  | 4049149  | 0.94   | cps   |
| Silver     | 107-1 | 4211235  | 4204507  | 4277396  | 4231046  | 0.95   | cps   |
| Sodium     | 23-2  | 87888898 | 87999237 | 87454956 | 87781030 | 0.33   | cps   |
| Strontium  | 86-1  | 1122530  | 1126975  | 1135540  | 1128348  | 0.59   | cps   |
| Strontium  | 88-1  | 10113236 | 10115648 | 10227184 | 10152023 | 0.64   | cps   |
| Sulfur     | 34-1  | 682374   | 676937   | 689603   | 682971   | 0.93   | cps   |
| Terbium    | 159-1 | 9496185  | 9587037  | 9753313  | 9612178  | 1.36   | cps   |
| Terbium    | 159-2 | 5590926  | 5557550  | 5575421  | 5574632  | 0.30   | cps   |
| Thallium   | 203-1 | 3804499  | 3820916  | 3902296  | 3842570  | 1.36   | cps   |
| Thallium   | 205-1 | 9450121  | 9497378  | 9727555  | 9558351  | 1.55   | cps   |
| Thorium    | 232-1 | 16120417 | 16156908 | 16481082 | 16252802 | 1.22   | cps   |
| Tin        | 118-1 | 2811735  | 2818172  | 2855495  | 2828467  | 0.84   | cps   |
| Titanium   | 47-1  | 2472797  | 2472127  | 2504509  | 2483144  | 0.75   | cps   |
| Uranium    | 238-1 | 15761387 | 15766465 | 16137068 | 15888306 | 1.36   | cps   |
| Vanadium   | 51-2  | 916316   | 913627   | 909314   | 913085   | 0.39   | cps   |
| Yttrium    | 89-1  | 6799828  | 6795147  | 6924194  | 6839723  | 1.07   | cps   |
| Yttrium    | 89-2  | 1167938  | 1155897  | 1157347  | 1160394  | 0.57   | cps   |



|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB103076            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV22               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV22               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2019-05-29 17:30:11 | DataFile Name :   | 079CCV.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zinc      | 66-2 | 399976  | 400461  | 401323  | 400586  | 0.17   | cps   |
| Zirconium | 90-1 | 6175604 | 6155597 | 6256523 | 6195908 | 0.86   | cps   |
| Zirconium | 91-1 | 1318775 | 1326099 | 1341840 | 1328905 | 0.89   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB22               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB22               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 17:34:34 | DataFile Name :   | 080CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 192     | 167     | 133     | 164     | 17.86  | cps   |
| Antimony   | 121-1 | 2034    | 2159    | 2059    | 2084    | 3.17   | cps   |
| Arsenic    | 75-2  | 7       | 17      | 13      | 12      | 37.75  | cps   |
| Barium     | 135-1 | 192     | 192     | 83      | 156     | 40.21  | cps   |
| Barium     | 137-1 | 258     | 275     | 275     | 269     | 3.57   | cps   |
| Beryllium  | 9-1   | 230     | 143     | 233     | 202     | 25.23  | cps   |
| Bismuth    | 209-1 | 6658271 | 6852553 | 6863068 | 6791297 | 1.70   | cps   |
| Bismuth    | 209-2 | 4524960 | 4550682 | 4569171 | 4548271 | 0.49   | cps   |
| Boron      | 10-1  | 3792    | 3484    | 3326    | 3534    | 6.72   | cps   |
| Boron      | 11-1  | 16560   | 15767   | 14132   | 15486   | 7.99   | cps   |
| Cadmium    | 111-1 | 2381    | 2060    | 2102    | 2181    | 8.00   | cps   |
| Cadmium    | 106-1 | 3292    | 2884    | 2925    | 3034    | 7.41   | cps   |
| Cadmium    | 108-1 | 4       | 13      | 13      | 10      | 49.46  | cps   |
| Calcium    | 43-1  | 200     | 250     | 192     | 214     | 14.75  | cps   |
| Calcium    | 44-1  | 8786    | 8686    | 8770    | 8747    | 0.61   | cps   |
| Chromium   | 52-2  | 593     | 497     | 553     | 548     | 8.87   | cps   |
| Cobalt     | 59-2  | 60      | 53      | 90      | 68      | 28.82  | cps   |
| Copper     | 63-2  | 467     | 410     | 450     | 442     | 6.59   | cps   |
| Dysprosium | 156-1 | 17      | 0       | 8       | 8       | 100.02 | cps   |
| Dysprosium | 156-2 | 3       | 3       | 7       | 4       | 43.40  | cps   |
| Erbium     | 164-1 | 25      | 50      | 0       | 25      | 100.00 | cps   |
| Erbium     | 164-2 | 17      | 10      | 10      | 12      | 31.50  | cps   |
| Gadolinium | 160-1 | 33      | 17      | 42      | 31      | 41.66  | cps   |
| Gadolinium | 160-2 | 160     | 160     | 173     | 164     | 4.68   | cps   |
| Holmium    | 165-1 | 9664627 | 9897231 | 9947477 | 9836445 | 1.53   | cps   |
| Holmium    | 165-2 | 6105064 | 6095279 | 6109881 | 6103408 | 0.12   | cps   |
| Indium     | 115-1 | 6971456 | 7145960 | 7202015 | 7106477 | 1.69   | cps   |
| Indium     | 115-2 | 1719011 | 1724193 | 1742919 | 1728707 | 0.73   | cps   |
| Iron       | 56-2  | 8653    | 8892    | 8497    | 8681    | 2.29   | cps   |
| Iron       | 57-2  | 344     | 278     | 239     | 287     | 18.60  | cps   |
| Krypton    | 83-1  | 253     | 293     | 267     | 271     | 7.51   | cps   |
| Lead       | 206-1 | 700     | 606     | 578     | 628     | 10.21  | cps   |
| Lead       | 207-1 | 572     | 483     | 467     | 507     | 11.18  | cps   |
| Lead       | 208-1 | 2378    | 2417    | 2272    | 2356    | 3.17   | cps   |
| Lithium    | 6-1   | 2662402 | 2715737 | 2721728 | 2699956 | 1.21   | cps   |
| Magnesium  | 24-2  | 1075    | 1008    | 867     | 983     | 10.82  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB22               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB22               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 17:34:34 | DataFile Name :   | 080CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|---------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 73      | 70       | 70       | 71       | 2.71   | cps   |
| Molybdenum | 94-1  | 1200    | 1075     | 917      | 1064     | 13.35  | cps   |
| Molybdenum | 95-1  | 1575    | 1183     | 1225     | 1328     | 16.20  | cps   |
| Molybdenum | 96-1  | 1809    | 1492     | 1383     | 1561     | 14.15  | cps   |
| Molybdenum | 97-1  | 892     | 617      | 767      | 758      | 18.16  | cps   |
| Molybdenum | 98-1  | 2359    | 1992     | 1934     | 2095     | 11.00  | cps   |
| Neodymium  | 150-1 | 13      | 7        | 13       | 11       | 34.61  | cps   |
| Neodymium  | 150-2 | 0       | 3        | 3        | 2        | 86.60  | cps   |
| Nickel     | 60-2  | 80      | 67       | 57       | 68       | 17.27  | cps   |
| Phosphorus | 31-2  | 117     | 100      | 75       | 97       | 21.57  | cps   |
| Potassium  | 39-2  | 19230   | 18554    | 17853    | 18546    | 3.71   | cps   |
| Rhodium    | 103-1 | 6312777 | 6453096  | 6490449  | 6418774  | 1.46   | cps   |
| Rhodium    | 103-2 | 3325478 | 3308772  | 3366818  | 3333690  | 0.90   | cps   |
| Scandium   | 45-1  | 4761257 | 4860957  | 4886642  | 4836285  | 1.37   | cps   |
| Scandium   | 45-2  | 230938  | 236043   | 237561   | 234847   | 1.48   | cps   |
| Selenium   | 77-2  | 7       | 7        | 3        | 6        | 34.70  | cps   |
| Selenium   | 78-2  | 43      | 48       | 35       | 42       | 15.49  | cps   |
| Selenium   | 82-1  | 172     | 197      | 167      | 178      | 8.92   | cps   |
| Silicon    | 28-1  | 174312  | 167554   | 188529   | 176798   | 6.06   | cps   |
| Silver     | 109-1 | 200     | 267      | 267      | 244      | 15.75  | cps   |
| Silver     | 107-1 | 250     | 317      | 367      | 311      | 18.81  | cps   |
| Sodium     | 23-2  | 17185   | 16009    | 16218    | 16471    | 3.81   | cps   |
| Strontium  | 86-1  | 433     | 425      | 633      | 497      | 23.72  | cps   |
| Strontium  | 88-1  | 508     | 458      | 417      | 461      | 9.95   | cps   |
| Sulfur     | 34-1  | 297000  | 299138   | 298832   | 298323   | 0.39   | cps   |
| Terbium    | 159-1 | 9993466 | 10219413 | 10297973 | 10170284 | 1.55   | cps   |
| Terbium    | 159-2 | 6041344 | 6078759  | 6097843  | 6072649  | 0.47   | cps   |
| Thallium   | 203-1 | 617     | 642      | 567      | 608      | 6.28   | cps   |
| Thallium   | 205-1 | 1450    | 1375     | 1292     | 1372     | 5.77   | cps   |
| Thorium    | 232-1 | 1578    | 1233     | 1295     | 1369     | 13.43  | cps   |
| Tin        | 118-1 | 892     | 892      | 1050     | 945      | 9.68   | cps   |
| Titanium   | 47-1  | 167     | 225      | 150      | 181      | 21.81  | cps   |
| Uranium    | 238-1 | 583     | 425      | 483      | 497      | 16.10  | cps   |
| Vanadium   | 51-2  | 40      | 33       | 10       | 28       | 56.71  | cps   |
| Yttrium    | 89-1  | 7419869 | 7577724  | 7613182  | 7536925  | 1.37   | cps   |
| Yttrium    | 89-2  | 1283153 | 1289560  | 1297183  | 1289966  | 0.54   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB22               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB22               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 17:34:34 | DataFile Name :   | 080CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zinc      | 66-2 | 287  | 300  | 383  | 323     | 16.20  | cps   |
| Zirconium | 90-1 | 958  | 942  | 958  | 953     | 1.01   | cps   |
| Zirconium | 91-1 | 275  | 183  | 192  | 217     | 23.40  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2986-03DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FEQC-052119DL       | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 17:38:10 | DataFile Name :   | 081SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2013459  | 2012436  | 2027578  | 2017824  | 0.42   | cps   |
| Antimony   | 121-1 | 642      | 800      | 833      | 758      | 13.50  | cps   |
| Arsenic    | 75-2  | 657      | 630      | 594      | 627      | 5.03   | cps   |
| Barium     | 135-1 | 926655   | 925548   | 919711   | 923972   | 0.40   | cps   |
| Barium     | 137-1 | 1606718  | 1620216  | 1602171  | 1609702  | 0.58   | cps   |
| Beryllium  | 9-1   | 3514     | 3687     | 3537     | 3579     | 2.63   | cps   |
| Bismuth    | 209-1 | 6767966  | 6831447  | 6803532  | 6800982  | 0.47   | cps   |
| Bismuth    | 209-2 | 4764694  | 4461281  | 4253996  | 4493324  | 5.72   | cps   |
| Boron      | 10-1  | 2759     | 2500     | 2575     | 2611     | 5.09   | cps   |
| Boron      | 11-1  | 11697    | 11872    | 11380    | 11649    | 2.14   | cps   |
| Cadmium    | 111-1 | 3122     | 3216     | 3467     | 3268     | 5.47   | cps   |
| Cadmium    | 106-1 | 4643     | 4868     | 5076     | 4862     | 4.46   | cps   |
| Cadmium    | 108-1 | 546      | 529      | 408      | 494      | 15.18  | cps   |
| Calcium    | 43-1  | 78752    | 80988    | 78316    | 79352    | 1.81   | cps   |
| Calcium    | 44-1  | 1310754  | 1307032  | 1314109  | 1310631  | 0.27   | cps   |
| Chromium   | 52-2  | 187241   | 184362   | 188268   | 186624   | 1.09   | cps   |
| Cobalt     | 59-2  | 52413    | 51584    | 53220    | 52406    | 1.56   | cps   |
| Copper     | 63-2  | 117211   | 117090   | 117157   | 117153   | 0.05   | cps   |
| Dysprosium | 156-1 | 95306    | 94860    | 94810    | 94992    | 0.29   | cps   |
| Dysprosium | 156-2 | 56372    | 56586    | 56425    | 56461    | 0.20   | cps   |
| Erbium     | 164-1 | 86348    | 85560    | 85878    | 85928    | 0.46   | cps   |
| Erbium     | 164-2 | 50851    | 51058    | 51975    | 51295    | 1.17   | cps   |
| Gadolinium | 160-1 | 90415    | 88218    | 88192    | 88942    | 1.43   | cps   |
| Gadolinium | 160-2 | 57878    | 57447    | 57326    | 57550    | 0.50   | cps   |
| Holmium    | 165-1 | 9946427  | 10137317 | 10167614 | 10083786 | 1.19   | cps   |
| Holmium    | 165-2 | 6497424  | 6102626  | 5824807  | 6141619  | 5.50   | cps   |
| Indium     | 115-1 | 7060886  | 7105900  | 7201409  | 7122732  | 1.01   | cps   |
| Indium     | 115-2 | 1812033  | 1686607  | 1620372  | 1706338  | 5.70   | cps   |
| Iron       | 56-2  | 31854483 | 31896807 | 32128029 | 31959773 | 0.46   | cps   |
| Iron       | 57-2  | 760660   | 765523   | 772371   | 766185   | 0.77   | cps   |
| Krypton    | 83-1  | 363      | 347      | 317      | 342      | 6.91   | cps   |
| Lead       | 206-1 | 163372   | 163172   | 162778   | 163107   | 0.19   | cps   |
| Lead       | 207-1 | 136111   | 136099   | 135579   | 135930   | 0.22   | cps   |
| Lead       | 208-1 | 638294   | 637206   | 635079   | 636860   | 0.26   | cps   |
| Lithium    | 6-1   | 2712048  | 2718816  | 2707336  | 2712733  | 0.21   | cps   |
| Magnesium  | 24-2  | 1300017  | 1302217  | 1315730  | 1305988  | 0.65   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2986-03DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FEQC-052119DL       | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 17:38:10 | DataFile Name :   | 081SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 184966   | 184741   | 186616   | 185441   | 0.55   | cps   |
| Molybdenum | 94-1  | 109636   | 110531   | 108611   | 109593   | 0.88   | cps   |
| Molybdenum | 95-1  | 783      | 917      | 625      | 775      | 18.84  | cps   |
| Molybdenum | 96-1  | 19180    | 19689    | 19539    | 19470    | 1.34   | cps   |
| Molybdenum | 97-1  | 558      | 583      | 442      | 528      | 14.33  | cps   |
| Molybdenum | 98-1  | 1167     | 1358     | 1258     | 1261     | 7.60   | cps   |
| Neodymium  | 150-1 | 124268   | 123805   | 123791   | 123955   | 0.22   | cps   |
| Neodymium  | 150-2 | 58175    | 58841    | 58283    | 58433    | 0.61   | cps   |
| Nickel     | 60-2  | 34882    | 34922    | 35085    | 34963    | 0.31   | cps   |
| Phosphorus | 31-2  | 1058     | 1167     | 1175     | 1133     | 5.74   | cps   |
| Potassium  | 39-2  | 166162   | 166094   | 168487   | 166914   | 0.82   | cps   |
| Rhodium    | 103-1 | 6328014  | 6411845  | 6465444  | 6401767  | 1.08   | cps   |
| Rhodium    | 103-2 | 3476872  | 3256553  | 3122099  | 3285175  | 5.45   | cps   |
| Scandium   | 45-1  | 5076594  | 5100253  | 5139367  | 5105404  | 0.62   | cps   |
| Scandium   | 45-2  | 257625   | 243536   | 233874   | 245012   | 4.87   | cps   |
| Selenium   | 77-2  | 183      | 160      | 217      | 187      | 15.26  | cps   |
| Selenium   | 78-2  | 174      | 176      | 146      | 165      | 10.03  | cps   |
| Selenium   | 82-1  | 400      | 381      | 381      | 387      | 2.79   | cps   |
| Silicon    | 28-1  | 18765462 | 18896739 | 18877504 | 18846569 | 0.38   | cps   |
| Silver     | 109-1 | 808      | 733      | 892      | 811      | 9.77   | cps   |
| Silver     | 107-1 | 1192     | 1158     | 1108     | 1153     | 3.64   | cps   |
| Sodium     | 23-2  | 214993   | 212485   | 219407   | 215628   | 1.63   | cps   |
| Strontium  | 86-1  | 49612    | 50874    | 50424    | 50303    | 1.27   | cps   |
| Strontium  | 88-1  | 441745   | 444203   | 436901   | 440950   | 0.84   | cps   |
| Sulfur     | 34-1  | 259073   | 257039   | 255665   | 257259   | 0.67   | cps   |
| Terbium    | 159-1 | 10321451 | 10387963 | 10424184 | 10377866 | 0.50   | cps   |
| Terbium    | 159-2 | 6444516  | 6074428  | 5780272  | 6099739  | 5.46   | cps   |
| Thallium   | 203-1 | 1842     | 1767     | 1800     | 1803     | 2.08   | cps   |
| Thallium   | 205-1 | 4468     | 4184     | 4293     | 4315     | 3.31   | cps   |
| Thorium    | 232-1 | 408830   | 403497   | 403031   | 405119   | 0.80   | cps   |
| Tin        | 118-1 | 1300     | 1233     | 1200     | 1245     | 4.09   | cps   |
| Titanium   | 47-1  | 355977   | 354945   | 350390   | 353771   | 0.84   | cps   |
| Uranium    | 238-1 | 123775   | 123212   | 121983   | 122990   | 0.75   | cps   |
| Vanadium   | 51-2  | 139829   | 137887   | 140781   | 139499   | 1.06   | cps   |
| Yttrium    | 89-1  | 8615707  | 8732030  | 8698772  | 8682170  | 0.69   | cps   |
| Yttrium    | 89-2  | 1546995  | 1474546  | 1413052  | 1478198  | 4.54   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2986-03DLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | FEQC-052119DL       | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 17:38:10 | DataFile Name :   | 081SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zinc      | 66-2 | 52527  | 52578  | 53327  | 52811   | 0.85   | cps   |
| Zirconium | 90-1 | 291888 | 294533 | 296493 | 294305  | 0.79   | cps   |
| Zirconium | 91-1 | 65609  | 66673  | 66396  | 66226   | 0.83   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2966-03DL2X25      | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-15(1.2-1.7)DL2 | Dilution Factor : | 25        |
| Date & Time Acquired :: | 2019-05-29 17:41:47 | DataFile Name :   | 082SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 341803   | 341321   | 340972   | 341365   | 0.12   | cps   |
| Antimony   | 121-1 | 325      | 250      | 542      | 372      | 40.69  | cps   |
| Arsenic    | 75-2  | 89       | 128      | 87       | 101      | 22.72  | cps   |
| Barium     | 135-1 | 201074   | 200011   | 197813   | 199633   | 0.83   | cps   |
| Barium     | 137-1 | 346930   | 338582   | 342727   | 342746   | 1.22   | cps   |
| Beryllium  | 9-1   | 613      | 650      | 733      | 666      | 9.24   | cps   |
| Bismuth    | 209-1 | 6928873  | 6932233  | 6886680  | 6915929  | 0.37   | cps   |
| Bismuth    | 209-2 | 4546950  | 4534101  | 4527424  | 4536158  | 0.22   | cps   |
| Boron      | 10-1  | 1567     | 1367     | 1492     | 1475     | 6.85   | cps   |
| Boron      | 11-1  | 6577     | 6043     | 6293     | 6304     | 4.23   | cps   |
| Cadmium    | 111-1 | 2255     | 2247     | 2178     | 2227     | 1.91   | cps   |
| Cadmium    | 106-1 | 3234     | 3226     | 3100     | 3187     | 2.34   | cps   |
| Cadmium    | 108-1 | 42       | 33       | 25       | 33       | 25.01  | cps   |
| Calcium    | 43-1  | 14466    | 14616    | 13548    | 14210    | 4.07   | cps   |
| Calcium    | 44-1  | 249639   | 246329   | 243312   | 246427   | 1.28   | cps   |
| Chromium   | 52-2  | 21763    | 22187    | 21529    | 21826    | 1.53   | cps   |
| Cobalt     | 59-2  | 3540     | 3751     | 3777     | 3689     | 3.51   | cps   |
| Copper     | 63-2  | 3230     | 3174     | 3220     | 3208     | 0.94   | cps   |
| Dysprosium | 156-1 | 12081    | 12172    | 12031    | 12095    | 0.59   | cps   |
| Dysprosium | 156-2 | 7159     | 7402     | 7485     | 7349     | 2.31   | cps   |
| Erbium     | 164-1 | 10646    | 10371    | 10521    | 10513    | 1.31   | cps   |
| Erbium     | 164-2 | 6272     | 6131     | 6215     | 6206     | 1.14   | cps   |
| Gadolinium | 160-1 | 11480    | 11464    | 11330    | 11425    | 0.72   | cps   |
| Gadolinium | 160-2 | 7512     | 7516     | 7395     | 7474     | 0.91   | cps   |
| Holmium    | 165-1 | 10155647 | 10126126 | 10002484 | 10094752 | 0.80   | cps   |
| Holmium    | 165-2 | 6147032  | 6126732  | 6092185  | 6121983  | 0.45   | cps   |
| Indium     | 115-1 | 7318194  | 7233136  | 7298407  | 7283246  | 0.61   | cps   |
| Indium     | 115-2 | 1718776  | 1724300  | 1706095  | 1716390  | 0.54   | cps   |
| Iron       | 56-2  | 5407656  | 5369449  | 5370757  | 5382621  | 0.40   | cps   |
| Iron       | 57-2  | 127729   | 131753   | 128788   | 129423   | 1.61   | cps   |
| Krypton    | 83-1  | 280      | 317      | 290      | 296      | 6.41   | cps   |
| Lead       | 206-1 | 20127    | 19442    | 19515    | 19695    | 1.91   | cps   |
| Lead       | 207-1 | 16038    | 15932    | 16216    | 16062    | 0.89   | cps   |
| Lead       | 208-1 | 76894    | 75770    | 75190    | 75951    | 1.14   | cps   |
| Lithium    | 6-1   | 2754325  | 2732069  | 2735163  | 2740519  | 0.44   | cps   |
| Magnesium  | 24-2  | 109573   | 108793   | 106661   | 108342   | 1.39   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2966-03DL2X25      | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-15(1.2-1.7)DL2 | Dilution Factor : | 25        |
| Date & Time Acquired :: | 2019-05-29 17:41:47 | DataFile Name :   | 082SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 31454    | 31120    | 31283    | 31286    | 0.53   | cps   |
| Molybdenum | 94-1  | 6544     | 6060     | 6202     | 6268     | 3.97   | cps   |
| Molybdenum | 95-1  | 342      | 375      | 350      | 356      | 4.88   | cps   |
| Molybdenum | 96-1  | 1442     | 1450     | 1433     | 1442     | 0.58   | cps   |
| Molybdenum | 97-1  | 192      | 175      | 167      | 178      | 7.16   | cps   |
| Molybdenum | 98-1  | 450      | 417      | 417      | 428      | 4.50   | cps   |
| Neodymium  | 150-1 | 18092    | 17525    | 17565    | 17727    | 1.79   | cps   |
| Neodymium  | 150-2 | 8356     | 8616     | 8069     | 8347     | 3.28   | cps   |
| Nickel     | 60-2  | 2780     | 2787     | 2857     | 2808     | 1.51   | cps   |
| Phosphorus | 31-2  | 92       | 75       | 183      | 117      | 50.00  | cps   |
| Potassium  | 39-2  | 31125    | 30641    | 30733    | 30833    | 0.83   | cps   |
| Rhodium    | 103-1 | 6565850  | 6586331  | 6584063  | 6578748  | 0.17   | cps   |
| Rhodium    | 103-2 | 3320110  | 3319283  | 3331991  | 3323795  | 0.21   | cps   |
| Scandium   | 45-1  | 5021224  | 5033331  | 4996270  | 5016942  | 0.38   | cps   |
| Scandium   | 45-2  | 236640   | 236587   | 234976   | 236068   | 0.40   | cps   |
| Selenium   | 77-2  | 37       | 20       | 13       | 23       | 51.52  | cps   |
| Selenium   | 78-2  | 69       | 50       | 65       | 61       | 16.04  | cps   |
| Selenium   | 82-1  | 233      | 198      | 192      | 208      | 10.56  | cps   |
| Silicon    | 28-1  | 5252481  | 5211962  | 5220693  | 5228379  | 0.41   | cps   |
| Silver     | 109-1 | 183      | 217      | 225      | 208      | 10.58  | cps   |
| Silver     | 107-1 | 242      | 225      | 142      | 203      | 26.42  | cps   |
| Sodium     | 23-2  | 22384    | 22084    | 22518    | 22328    | 1.00   | cps   |
| Strontium  | 86-1  | 11096    | 10888    | 11438    | 11141    | 2.49   | cps   |
| Strontium  | 88-1  | 92187    | 90099    | 92179    | 91488    | 1.32   | cps   |
| Sulfur     | 34-1  | 232147   | 231885   | 229692   | 231241   | 0.58   | cps   |
| Terbium    | 159-1 | 10431867 | 10449535 | 10484756 | 10455386 | 0.26   | cps   |
| Terbium    | 159-2 | 6056947  | 6023283  | 6004243  | 6028158  | 0.44   | cps   |
| Thallium   | 203-1 | 450      | 408      | 358      | 406      | 11.32  | cps   |
| Thallium   | 205-1 | 892      | 800      | 867      | 853      | 5.56   | cps   |
| Thorium    | 232-1 | 57035    | 55830    | 55184    | 56016    | 1.68   | cps   |
| Tin        | 118-1 | 542      | 692      | 500      | 578      | 17.45  | cps   |
| Titanium   | 47-1  | 7486     | 6944     | 7194     | 7208     | 3.76   | cps   |
| Uranium    | 238-1 | 20333    | 19507    | 18814    | 19552    | 3.89   | cps   |
| Vanadium   | 51-2  | 13293    | 12966    | 12973    | 13077    | 1.43   | cps   |
| Yttrium    | 89-1  | 7910966  | 7857108  | 7830132  | 7866068  | 0.52   | cps   |
| Yttrium    | 89-2  | 1316846  | 1318677  | 1320692  | 1318738  | 0.15   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2966-03DL2X25      | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-15(1.2-1.7)DL2 | Dilution Factor : | 25        |
| Date & Time Acquired :: | 2019-05-29 17:41:47 | DataFile Name :   | 082SMPL.d |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zinc      | 66-2 | 3951  | 4014  | 3947  | 3971    | 0.95   | cps   |
| Zirconium | 90-1 | 16560 | 16894 | 16602 | 16685   | 1.09   | cps   |
| Zirconium | 91-1 | 3942  | 3742  | 3776  | 3820    | 2.81   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2986-01DL2X25      | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-19(6.5-7)DL2   | Dilution Factor : | 25        |
| Date & Time Acquired :: | 2019-05-29 17:45:23 | DataFile Name :   | 083SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 565039   | 566559   | 569429   | 567009   | 0.39   | cps   |
| Antimony   | 121-1 | 192      | 300      | 325      | 272      | 26.04  | cps   |
| Arsenic    | 75-2  | 161      | 189      | 157      | 169      | 10.17  | cps   |
| Barium     | 135-1 | 385779   | 389319   | 380379   | 385159   | 1.17   | cps   |
| Barium     | 137-1 | 678094   | 669209   | 664439   | 670581   | 1.03   | cps   |
| Beryllium  | 9-1   | 1433     | 1477     | 1507     | 1472     | 2.50   | cps   |
| Bismuth    | 209-1 | 7031219  | 7027215  | 7036575  | 7031670  | 0.07   | cps   |
| Bismuth    | 209-2 | 4650275  | 4608322  | 4602982  | 4620527  | 0.56   | cps   |
| Boron      | 10-1  | 1325     | 1475     | 1233     | 1345     | 9.07   | cps   |
| Boron      | 11-1  | 5243     | 5334     | 5726     | 5435     | 4.73   | cps   |
| Cadmium    | 111-1 | 2478     | 2385     | 2104     | 2322     | 8.40   | cps   |
| Cadmium    | 106-1 | 3576     | 3409     | 3009     | 3331     | 8.75   | cps   |
| Cadmium    | 108-1 | 71       | 50       | 33       | 51       | 36.56  | cps   |
| Calcium    | 43-1  | 25156    | 24980    | 24229    | 24788    | 1.99   | cps   |
| Calcium    | 44-1  | 406184   | 402078   | 402944   | 403735   | 0.54   | cps   |
| Chromium   | 52-2  | 40228    | 40111    | 40663    | 40334    | 0.72   | cps   |
| Cobalt     | 59-2  | 12182    | 12135    | 11788    | 12035    | 1.79   | cps   |
| Copper     | 63-2  | 13363    | 13456    | 13436    | 13419    | 0.37   | cps   |
| Dysprosium | 156-1 | 26560    | 26309    | 27211    | 26693    | 1.74   | cps   |
| Dysprosium | 156-2 | 15839    | 15676    | 15906    | 15807    | 0.75   | cps   |
| Erbium     | 164-1 | 24681    | 24439    | 23488    | 24203    | 2.61   | cps   |
| Erbium     | 164-2 | 14521    | 14324    | 15175    | 14674    | 3.04   | cps   |
| Gadolinium | 160-1 | 25040    | 24657    | 25307    | 25001    | 1.31   | cps   |
| Gadolinium | 160-2 | 16497    | 15943    | 16180    | 16206    | 1.72   | cps   |
| Holmium    | 165-1 | 10303267 | 10271599 | 10306761 | 10293876 | 0.19   | cps   |
| Holmium    | 165-2 | 6254976  | 6235398  | 6219069  | 6236481  | 0.29   | cps   |
| Indium     | 115-1 | 7416490  | 7375061  | 7407603  | 7399718  | 0.29   | cps   |
| Indium     | 115-2 | 1762317  | 1749947  | 1745531  | 1752599  | 0.50   | cps   |
| Iron       | 56-2  | 7106155  | 7056665  | 7078445  | 7080422  | 0.35   | cps   |
| Iron       | 57-2  | 170349   | 169955   | 169764   | 170023   | 0.18   | cps   |
| Krypton    | 83-1  | 340      | 283      | 333      | 319      | 9.71   | cps   |
| Lead       | 206-1 | 40328    | 40819    | 39615    | 40254    | 1.50   | cps   |
| Lead       | 207-1 | 33715    | 33860    | 33142    | 33572    | 1.13   | cps   |
| Lead       | 208-1 | 157298   | 158391   | 156832   | 157507   | 0.51   | cps   |
| Lithium    | 6-1   | 2786960  | 2794996  | 2787362  | 2789772  | 0.16   | cps   |
| Magnesium  | 24-2  | 265539   | 268352   | 263511   | 265801   | 0.91   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2986-01DL2X25      | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-19(6.5-7)DL2   | Dilution Factor : | 25        |
| Date & Time Acquired :: | 2019-05-29 17:45:23 | DataFile Name :   | 083SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 27860    | 28334    | 27750    | 27981    | 1.11   | cps   |
| Molybdenum | 94-1  | 13440    | 13599    | 12931    | 13323    | 2.62   | cps   |
| Molybdenum | 95-1  | 225      | 183      | 258      | 222      | 16.91  | cps   |
| Molybdenum | 96-1  | 2559     | 2517     | 2459     | 2511     | 2.00   | cps   |
| Molybdenum | 97-1  | 142      | 158      | 150      | 150      | 5.56   | cps   |
| Molybdenum | 98-1  | 317      | 300      | 292      | 303      | 4.21   | cps   |
| Neodymium  | 150-1 | 35660    | 34176    | 36609    | 35482    | 3.46   | cps   |
| Neodymium  | 150-2 | 16403    | 16530    | 16654    | 16529    | 0.76   | cps   |
| Nickel     | 60-2  | 8329     | 8209     | 8126     | 8221     | 1.24   | cps   |
| Phosphorus | 31-2  | 175      | 167      | 183      | 175      | 4.76   | cps   |
| Potassium  | 39-2  | 42796    | 42094    | 43690    | 42860    | 1.87   | cps   |
| Rhodium    | 103-1 | 6738048  | 6712803  | 6699924  | 6716925  | 0.29   | cps   |
| Rhodium    | 103-2 | 3377363  | 3383775  | 3387624  | 3382920  | 0.15   | cps   |
| Scandium   | 45-1  | 5145447  | 5148993  | 5124658  | 5139699  | 0.26   | cps   |
| Scandium   | 45-2  | 241808   | 242041   | 241272   | 241707   | 0.16   | cps   |
| Selenium   | 77-2  | 80       | 53       | 37       | 57       | 38.57  | cps   |
| Selenium   | 78-2  | 80       | 102      | 83       | 88       | 13.49  | cps   |
| Selenium   | 82-1  | 214      | 282      | 231      | 242      | 14.58  | cps   |
| Silicon    | 28-1  | 5410049  | 5390013  | 5425049  | 5408370  | 0.33   | cps   |
| Silver     | 109-1 | 150      | 167      | 117      | 144      | 17.63  | cps   |
| Silver     | 107-1 | 258      | 275      | 283      | 272      | 4.68   | cps   |
| Sodium     | 23-2  | 80759    | 82142    | 82995    | 81965    | 1.38   | cps   |
| Strontium  | 86-1  | 17545    | 16660    | 17286    | 17164    | 2.65   | cps   |
| Strontium  | 88-1  | 148293   | 149648   | 145303   | 147748   | 1.50   | cps   |
| Sulfur     | 34-1  | 227739   | 222201   | 222082   | 224007   | 1.44   | cps   |
| Terbium    | 159-1 | 10657428 | 10703332 | 10618269 | 10659676 | 0.40   | cps   |
| Terbium    | 159-2 | 6184705  | 6188145  | 6168603  | 6180484  | 0.17   | cps   |
| Thallium   | 203-1 | 508      | 542      | 517      | 522      | 3.32   | cps   |
| Thallium   | 205-1 | 1442     | 1300     | 1425     | 1389     | 5.58   | cps   |
| Thorium    | 232-1 | 105768   | 104989   | 103327   | 104695   | 1.19   | cps   |
| Tin        | 118-1 | 583      | 558      | 458      | 533      | 12.40  | cps   |
| Titanium   | 47-1  | 14958    | 14933    | 14925    | 14939    | 0.12   | cps   |
| Uranium    | 238-1 | 18472    | 17921    | 18514    | 18302    | 1.81   | cps   |
| Vanadium   | 51-2  | 27546    | 27773    | 27265    | 27528    | 0.92   | cps   |
| Yttrium    | 89-1  | 8203999  | 8163777  | 8196926  | 8188234  | 0.26   | cps   |
| Yttrium    | 89-2  | 1379393  | 1378528  | 1378318  | 1378746  | 0.04   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2986-01DL2X25      | Instrumnet Name : | P7        |
| Client Sample ID :      | FESB-19(6.5-7)DL2   | Dilution Factor : | 25        |
| Date & Time Acquired :: | 2019-05-29 17:45:23 | DataFile Name :   | 083SMPL.d |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zinc      | 66-2 | 8889  | 9313  | 9043  | 9082    | 2.36   | cps   |
| Zirconium | 90-1 | 35645 | 36096 | 36506 | 36082   | 1.19   | cps   |
| Zirconium | 91-1 | 8128  | 8278  | 7911  | 8105    | 2.28   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2986-03DL2X25      | Instrumnet Name : | P7        |
| Client Sample ID :      | FEQC-052119DL2      | Dilution Factor : | 25        |
| Date & Time Acquired :: | 2019-05-29 17:48:59 | DataFile Name :   | 084SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 401021   | 402697   | 400368   | 401362   | 0.30   | cps   |
| Antimony   | 121-1 | 250      | 208      | 308      | 256      | 19.66  | cps   |
| Arsenic    | 75-2  | 122      | 148      | 122      | 131      | 11.44  | cps   |
| Barium     | 135-1 | 180015   | 181866   | 180109   | 180664   | 0.58   | cps   |
| Barium     | 137-1 | 312732   | 316971   | 313721   | 314474   | 0.71   | cps   |
| Beryllium  | 9-1   | 733      | 827      | 830      | 797      | 6.89   | cps   |
| Bismuth    | 209-1 | 6874275  | 6946152  | 6934024  | 6918150  | 0.56   | cps   |
| Bismuth    | 209-2 | 4585491  | 4598153  | 4630486  | 4604710  | 0.50   | cps   |
| Boron      | 10-1  | 1092     | 1217     | 883      | 1064     | 15.83  | cps   |
| Boron      | 11-1  | 5059     | 4818     | 4826     | 4901     | 2.80   | cps   |
| Cadmium    | 111-1 | 2190     | 2358     | 2237     | 2262     | 3.83   | cps   |
| Cadmium    | 106-1 | 3150     | 3426     | 3192     | 3256     | 4.55   | cps   |
| Cadmium    | 108-1 | 75       | 117      | 63       | 85       | 33.48  | cps   |
| Calcium    | 43-1  | 15717    | 16210    | 15709    | 15879    | 1.81   | cps   |
| Calcium    | 44-1  | 263880   | 266503   | 266603   | 265662   | 0.58   | cps   |
| Chromium   | 52-2  | 37862    | 37257    | 37107    | 37409    | 1.07   | cps   |
| Cobalt     | 59-2  | 10434    | 10691    | 10214    | 10446    | 2.29   | cps   |
| Copper     | 63-2  | 23699    | 23783    | 23866    | 23783    | 0.35   | cps   |
| Dysprosium | 156-1 | 18622    | 17837    | 18889    | 18449    | 2.96   | cps   |
| Dysprosium | 156-2 | 11011    | 11321    | 11178    | 11170    | 1.39   | cps   |
| Erbium     | 164-1 | 16886    | 15985    | 16978    | 16616    | 3.30   | cps   |
| Erbium     | 164-2 | 10004    | 9777     | 9924     | 9901     | 1.16   | cps   |
| Gadolinium | 160-1 | 16878    | 17378    | 16753    | 17003    | 1.95   | cps   |
| Gadolinium | 160-2 | 11378    | 11658    | 11338    | 11458    | 1.52   | cps   |
| Holmium    | 165-1 | 10104473 | 10197058 | 10125061 | 10142197 | 0.48   | cps   |
| Holmium    | 165-2 | 6214032  | 6221712  | 6269646  | 6235130  | 0.48   | cps   |
| Indium     | 115-1 | 7242121  | 7355627  | 7284943  | 7294230  | 0.79   | cps   |
| Indium     | 115-2 | 1751175  | 1757516  | 1766424  | 1758371  | 0.44   | cps   |
| Iron       | 56-2  | 6394567  | 6390256  | 6398266  | 6394363  | 0.06   | cps   |
| Iron       | 57-2  | 152613   | 152600   | 152675   | 152629   | 0.03   | cps   |
| Krypton    | 83-1  | 290      | 250      | 270      | 270      | 7.41   | cps   |
| Lead       | 206-1 | 30563    | 31917    | 31744    | 31408    | 2.35   | cps   |
| Lead       | 207-1 | 26360    | 26499    | 26805    | 26555    | 0.86   | cps   |
| Lead       | 208-1 | 122491   | 123837   | 124535   | 123621   | 0.84   | cps   |
| Lithium    | 6-1   | 2731821  | 2751772  | 2756594  | 2746729  | 0.48   | cps   |
| Magnesium  | 24-2  | 258380   | 259761   | 259746   | 259296   | 0.31   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2986-03DL2X25      | Instrumnet Name : | P7        |
| Client Sample ID :      | FEQC-052119DL2      | Dilution Factor : | 25        |
| Date & Time Acquired :: | 2019-05-29 17:48:59 | DataFile Name :   | 084SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 37250    | 37942    | 36776    | 37323    | 1.57   | cps   |
| Molybdenum | 94-1  | 21225    | 22109    | 21851    | 21728    | 2.09   | cps   |
| Molybdenum | 95-1  | 158      | 150      | 225      | 178      | 23.12  | cps   |
| Molybdenum | 96-1  | 3801     | 3726     | 3984     | 3837     | 3.46   | cps   |
| Molybdenum | 97-1  | 133      | 133      | 158      | 142      | 10.19  | cps   |
| Molybdenum | 98-1  | 325      | 242      | 383      | 317      | 22.48  | cps   |
| Neodymium  | 150-1 | 24148    | 24102    | 24496    | 24249    | 0.89   | cps   |
| Neodymium  | 150-2 | 11605    | 11979    | 11538    | 11707    | 2.03   | cps   |
| Nickel     | 60-2  | 7139     | 6998     | 7102     | 7080     | 1.03   | cps   |
| Phosphorus | 31-2  | 308      | 317      | 358      | 328      | 8.17   | cps   |
| Potassium  | 39-2  | 45337    | 46381    | 46357    | 46025    | 1.30   | cps   |
| Rhodium    | 103-1 | 6660161  | 6688164  | 6667780  | 6672035  | 0.22   | cps   |
| Rhodium    | 103-2 | 3388305  | 3387595  | 3431919  | 3402606  | 0.75   | cps   |
| Scandium   | 45-1  | 5061535  | 5104028  | 5091438  | 5085667  | 0.43   | cps   |
| Scandium   | 45-2  | 241564   | 242393   | 244717   | 242891   | 0.67   | cps   |
| Selenium   | 77-2  | 27       | 27       | 23       | 26       | 7.55   | cps   |
| Selenium   | 78-2  | 93       | 67       | 98       | 86       | 19.58  | cps   |
| Selenium   | 82-1  | 271      | 231      | 245      | 249      | 8.24   | cps   |
| Silicon    | 28-1  | 3904972  | 3898533  | 3885769  | 3896425  | 0.25   | cps   |
| Silver     | 109-1 | 283      | 192      | 167      | 214      | 28.72  | cps   |
| Silver     | 107-1 | 325      | 250      | 250      | 275      | 15.75  | cps   |
| Sodium     | 23-2  | 48488    | 47719    | 47326    | 47844    | 1.24   | cps   |
| Strontium  | 86-1  | 9504     | 9762     | 10663    | 9976     | 6.10   | cps   |
| Strontium  | 88-1  | 87877    | 86166    | 87634    | 87226    | 1.06   | cps   |
| Sulfur     | 34-1  | 229567   | 225670   | 220286   | 225175   | 2.07   | cps   |
| Terbium    | 159-1 | 10407199 | 10545548 | 10578827 | 10510524 | 0.87   | cps   |
| Terbium    | 159-2 | 6176123  | 6136859  | 6216438  | 6176474  | 0.64   | cps   |
| Thallium   | 203-1 | 508      | 383      | 417      | 436      | 14.84  | cps   |
| Thallium   | 205-1 | 850      | 950      | 1000     | 933      | 8.18   | cps   |
| Thorium    | 232-1 | 75841    | 76126    | 76673    | 76213    | 0.56   | cps   |
| Tin        | 118-1 | 717      | 683      | 617      | 672      | 7.57   | cps   |
| Titanium   | 47-1  | 68242    | 70677    | 70168    | 69696    | 1.84   | cps   |
| Uranium    | 238-1 | 23965    | 23088    | 22687    | 23247    | 2.81   | cps   |
| Vanadium   | 51-2  | 27486    | 27920    | 28244    | 27883    | 1.36   | cps   |
| Yttrium    | 89-1  | 8032058  | 7996406  | 8033519  | 8020661  | 0.26   | cps   |
| Yttrium    | 89-2  | 1363878  | 1354586  | 1366851  | 1361772  | 0.47   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K2986-03DL2X25      | Instrumnet Name : | P7        |
| Client Sample ID :      | FEQC-052119DL2      | Dilution Factor : | 25        |
| Date & Time Acquired :: | 2019-05-29 17:48:59 | DataFile Name :   | 084SMPL.d |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zinc      | 66-2 | 10721 | 10844 | 11268 | 10944   | 2.62   | cps   |
| Zirconium | 90-1 | 57977 | 58236 | 57048 | 57753   | 1.08   | cps   |
| Zirconium | 91-1 | 13023 | 13057 | 13782 | 13287   | 3.23   | cps   |



|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB103076            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV23               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV23               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2019-05-29 17:54:50 | DataFile Name :   | 085CCV.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 4585343   | 4609457   | 4628060   | 4607620   | 0.46   | cps   |
| Antimony   | 121-1 | 3256414   | 3250233   | 3297638   | 3268095   | 0.79   | cps   |
| Arsenic    | 75-2  | 123234    | 123500    | 124130    | 123621    | 0.37   | cps   |
| Barium     | 135-1 | 4527446   | 4511817   | 4583683   | 4540982   | 0.83   | cps   |
| Barium     | 137-1 | 8117462   | 8074125   | 8215399   | 8135662   | 0.89   | cps   |
| Beryllium  | 9-1   | 882394    | 878887    | 890298    | 883860    | 0.66   | cps   |
| Bismuth    | 209-1 | 6062056   | 6386573   | 5341705   | 5930111   | 9.02   | cps   |
| Bismuth    | 209-2 | 3811666   | 3890735   | 3922379   | 3874927   | 1.47   | cps   |
| Boron      | 10-1  | 132334    | 135980    | 137344    | 135219    | 1.92   | cps   |
| Boron      | 11-1  | 583376    | 590100    | 604435    | 592637    | 1.81   | cps   |
| Cadmium    | 111-1 | 961684    | 958310    | 963447    | 961147    | 0.27   | cps   |
| Cadmium    | 106-1 | 111821    | 113930    | 112906    | 112886    | 0.93   | cps   |
| Cadmium    | 108-1 | 75843     | 75148     | 77050     | 76013     | 1.27   | cps   |
| Calcium    | 43-1  | 5563403   | 5501215   | 5618707   | 5561108   | 1.06   | cps   |
| Calcium    | 44-1  | 90345900  | 90031685  | 91722394  | 90699993  | 0.99   | cps   |
| Chromium   | 52-2  | 1075548   | 1080070   | 1085214   | 1080277   | 0.45   | cps   |
| Cobalt     | 59-2  | 1603386   | 1630237   | 1622172   | 1618599   | 0.85   | cps   |
| Copper     | 63-2  | 2305108   | 2320583   | 2340556   | 2322083   | 0.77   | cps   |
| Dysprosium | 156-1 | 58        | 83        | 125       | 89        | 37.89  | cps   |
| Dysprosium | 156-2 | 107       | 130       | 130       | 122       | 11.02  | cps   |
| Erbium     | 164-1 | 58        | 42        | 17        | 39        | 53.93  | cps   |
| Erbium     | 164-2 | 33        | 17        | 27        | 26        | 32.81  | cps   |
| Gadolinium | 160-1 | 50        | 67        | 75        | 64        | 19.92  | cps   |
| Gadolinium | 160-2 | 133       | 177       | 170       | 160       | 14.58  | cps   |
| Holmium    | 165-1 | 9725658   | 10187435  | 8499079   | 9470724   | 9.21   | cps   |
| Holmium    | 165-2 | 5663632   | 5701260   | 5779761   | 5714884   | 1.04   | cps   |
| Indium     | 115-1 | 6395751   | 6763636   | 5604297   | 6254562   | 9.47   | cps   |
| Indium     | 115-2 | 1473558   | 1489777   | 1496919   | 1486751   | 0.81   | cps   |
| Iron       | 56-2  | 231910955 | 233088094 | 233856600 | 232951883 | 0.42   | cps   |
| Iron       | 57-2  | 5783002   | 5858496   | 5865228   | 5835575   | 0.78   | cps   |
| Krypton    | 83-1  | 267       | 323       | 203       | 264       | 22.70  | cps   |
| Lead       | 206-1 | 3109161   | 3097149   | 3147205   | 3117838   | 0.84   | cps   |
| Lead       | 207-1 | 2881169   | 2849820   | 2913555   | 2881515   | 1.11   | cps   |
| Lead       | 208-1 | 13057060  | 12931197  | 13243827  | 13077361  | 1.20   | cps   |
| Lithium    | 6-1   | 2468688   | 2600468   | 2221449   | 2430202   | 7.92   | cps   |
| Magnesium  | 24-2  | 44940390  | 45251871  | 45836284  | 45342848  | 1.00   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB103076            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV23               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV23               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2019-05-29 17:54:50 | DataFile Name :   | 085CCV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 1398791  | 1416272  | 1421808  | 1412291  | 0.85   | cps   |
| Molybdenum | 94-1  | 7267106  | 7205211  | 7386588  | 7286302  | 1.27   | cps   |
| Molybdenum | 95-1  | 8813884  | 8706294  | 8931578  | 8817252  | 1.28   | cps   |
| Molybdenum | 96-1  | 9820057  | 9768795  | 9950229  | 9846360  | 0.95   | cps   |
| Molybdenum | 97-1  | 5534181  | 5528860  | 5599946  | 5554329  | 0.71   | cps   |
| Molybdenum | 98-1  | 14121713 | 14086584 | 14292795 | 14167031 | 0.78   | cps   |
| Neodymium  | 150-1 | 493      | 533      | 487      | 504      | 5.00   | cps   |
| Neodymium  | 150-2 | 80       | 73       | 117      | 90       | 25.93  | cps   |
| Nickel     | 60-2  | 395366   | 400246   | 401244   | 398952   | 0.79   | cps   |
| Phosphorus | 31-2  | 40623    | 42069    | 41676    | 41456    | 1.80   | cps   |
| Potassium  | 39-2  | 23317293 | 23456460 | 23634880 | 23469544 | 0.68   | cps   |
| Rhodium    | 103-1 | 5545610  | 5839522  | 4834348  | 5406494  | 9.56   | cps   |
| Rhodium    | 103-2 | 2737722  | 2773721  | 2795050  | 2768831  | 1.05   | cps   |
| Scandium   | 45-1  | 4372386  | 4808211  | 3839884  | 4340160  | 11.17  | cps   |
| Scandium   | 45-2  | 209940   | 210738   | 213841   | 211506   | 0.97   | cps   |
| Selenium   | 77-2  | 3771     | 3747     | 3981     | 3833     | 3.35   | cps   |
| Selenium   | 78-2  | 12693    | 12467    | 12483    | 12547    | 1.00   | cps   |
| Selenium   | 82-1  | 69704    | 68342    | 69458    | 69168    | 1.05   | cps   |
| Silicon    | 28-1  | 2613479  | 2603358  | 2646824  | 2621220  | 0.87   | cps   |
| Silver     | 109-1 | 4099241  | 4035457  | 4134430  | 4089709  | 1.23   | cps   |
| Silver     | 107-1 | 4226904  | 4222841  | 4316592  | 4255445  | 1.25   | cps   |
| Sodium     | 23-2  | 86817483 | 87360896 | 88216879 | 87465086 | 0.81   | cps   |
| Strontium  | 86-1  | 1146188  | 1130104  | 1154212  | 1143502  | 1.07   | cps   |
| Strontium  | 88-1  | 10260717 | 10104972 | 10397599 | 10254429 | 1.43   | cps   |
| Sulfur     | 34-1  | 689387   | 678201   | 690417   | 686002   | 0.99   | cps   |
| Terbium    | 159-1 | 9877592  | 10405538 | 8660231  | 9647787  | 9.28   | cps   |
| Terbium    | 159-2 | 5560549  | 5623473  | 5648032  | 5610685  | 0.80   | cps   |
| Thallium   | 203-1 | 3842936  | 3819272  | 3904670  | 3855626  | 1.14   | cps   |
| Thallium   | 205-1 | 9555364  | 9500347  | 9764367  | 9606693  | 1.45   | cps   |
| Thorium    | 232-1 | 16343247 | 16162115 | 16544532 | 16349964 | 1.17   | cps   |
| Tin        | 118-1 | 2821026  | 2819201  | 2885851  | 2842026  | 1.34   | cps   |
| Titanium   | 47-1  | 2518419  | 2483052  | 2530438  | 2510636  | 0.98   | cps   |
| Uranium    | 238-1 | 16033164 | 15805780 | 16325700 | 16054881 | 1.62   | cps   |
| Vanadium   | 51-2  | 900856   | 909243   | 912310   | 907470   | 0.65   | cps   |
| Yttrium    | 89-1  | 7040067  | 7428381  | 6210313  | 6892920  | 9.03   | cps   |
| Yttrium    | 89-2  | 1151584  | 1166090  | 1173259  | 1163645  | 0.95   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB103076            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV23               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV23               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2019-05-29 17:54:50 | DataFile Name :   | 085CCV.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zinc      | 66-2 | 395813  | 400220  | 401526  | 399186  | 0.75   | cps   |
| Zirconium | 90-1 | 6241064 | 6176013 | 6319871 | 6245649 | 1.15   | cps   |
| Zirconium | 91-1 | 1332148 | 1334049 | 1353239 | 1339812 | 0.87   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB23               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB23               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 17:58:28 | DataFile Name :   | 086CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|----------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 300      | 250     | 167     | 239     | 28.20  | cps   |
| Antimony   | 121-1 | 2925     | 2767    | 3117    | 2937    | 5.97   | cps   |
| Arsenic    | 75-2  | 24       | 19      | 28      | 23      | 19.87  | cps   |
| Barium     | 135-1 | 308      | 333     | 275     | 306     | 9.58   | cps   |
| Barium     | 137-1 | 783      | 483     | 533     | 600     | 26.79  | cps   |
| Beryllium  | 9-1   | 277      | 223     | 243     | 248     | 10.87  | cps   |
| Bismuth    | 209-1 | 6978663  | 6885031 | 6840666 | 6901453 | 1.02   | cps   |
| Bismuth    | 209-2 | 4284407  | 4540794 | 4434074 | 4419758 | 2.91   | cps   |
| Boron      | 10-1  | 5476     | 4918    | 4376    | 4923    | 11.18  | cps   |
| Boron      | 11-1  | 24245    | 21391   | 20381   | 22006   | 9.11   | cps   |
| Cadmium    | 111-1 | 2292     | 2325    | 2544    | 2387    | 5.75   | cps   |
| Cadmium    | 106-1 | 3159     | 3192    | 3484    | 3278    | 5.46   | cps   |
| Cadmium    | 108-1 | 4        | 8       | 4       | 6       | 43.22  | cps   |
| Calcium    | 43-1  | 500      | 525     | 592     | 539     | 8.79   | cps   |
| Calcium    | 44-1  | 14057    | 13298   | 11997   | 13118   | 7.94   | cps   |
| Chromium   | 52-2  | 530      | 553     | 500     | 528     | 5.07   | cps   |
| Cobalt     | 59-2  | 110      | 97      | 97      | 101     | 7.61   | cps   |
| Copper     | 63-2  | 537      | 510     | 403     | 483     | 14.60  | cps   |
| Dysprosium | 156-1 | 17       | 8       | 17      | 14      | 34.67  | cps   |
| Dysprosium | 156-2 | 0        | 3       | 7       | 3       | 100.05 | cps   |
| Erbium     | 164-1 | 8        | 25      | 8       | 14      | 69.31  | cps   |
| Erbium     | 164-2 | 13       | 10      | 13      | 12      | 15.73  | cps   |
| Gadolinium | 160-1 | 25       | 33      | 50      | 36      | 35.25  | cps   |
| Gadolinium | 160-2 | 123      | 120     | 143     | 129     | 9.79   | cps   |
| Holmium    | 165-1 | 10067597 | 9942355 | 9829235 | 9946396 | 1.20   | cps   |
| Holmium    | 165-2 | 5738340  | 6097226 | 5949389 | 5928318 | 3.04   | cps   |
| Indium     | 115-1 | 7234934  | 7178280 | 7077684 | 7163633 | 1.11   | cps   |
| Indium     | 115-2 | 1603763  | 1721047 | 1680007 | 1668272 | 3.57   | cps   |
| Iron       | 56-2  | 15670    | 13457   | 11432   | 13520   | 15.68  | cps   |
| Iron       | 57-2  | 494      | 528     | 328     | 450     | 23.81  | cps   |
| Krypton    | 83-1  | 303      | 257     | 233     | 264     | 13.48  | cps   |
| Lead       | 206-1 | 833      | 639     | 617     | 696     | 17.12  | cps   |
| Lead       | 207-1 | 628      | 656     | 467     | 583     | 17.48  | cps   |
| Lead       | 208-1 | 3128     | 2845    | 2678    | 2884    | 7.89   | cps   |
| Lithium    | 6-1   | 2761478  | 2733909 | 2718295 | 2737894 | 0.80   | cps   |
| Magnesium  | 24-2  | 2209     | 1633    | 1617    | 1820    | 18.52  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB23               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB23               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 17:58:28 | DataFile Name :   | 086CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 133      | 57       | 93       | 94       | 40.60  | cps   |
| Molybdenum | 94-1  | 1950     | 1667     | 1367     | 1661     | 17.56  | cps   |
| Molybdenum | 95-1  | 2475     | 2275     | 1975     | 2242     | 11.23  | cps   |
| Molybdenum | 96-1  | 2442     | 2267     | 2367     | 2359     | 3.72   | cps   |
| Molybdenum | 97-1  | 1542     | 1208     | 1225     | 1325     | 14.18  | cps   |
| Molybdenum | 98-1  | 3801     | 3492     | 2650     | 3314     | 17.96  | cps   |
| Neodymium  | 150-1 | 0        | 7        | 0        | 2        | 173.21 | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Nickel     | 60-2  | 47       | 80       | 40       | 56       | 38.57  | cps   |
| Phosphorus | 31-2  | 75       | 117      | 58       | 83       | 36.05  | cps   |
| Potassium  | 39-2  | 19572    | 19080    | 17811    | 18821    | 4.83   | cps   |
| Rhodium    | 103-1 | 6510337  | 6447901  | 6443976  | 6467405  | 0.58   | cps   |
| Rhodium    | 103-2 | 3128659  | 3341701  | 3260641  | 3243667  | 3.32   | cps   |
| Scandium   | 45-1  | 4901909  | 4863165  | 4802061  | 4855712  | 1.04   | cps   |
| Scandium   | 45-2  | 218309   | 232532   | 230338   | 227060   | 3.37   | cps   |
| Selenium   | 77-2  | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 65       | 54       | 43       | 54       | 20.70  | cps   |
| Selenium   | 82-1  | 174      | 174      | 186      | 178      | 3.76   | cps   |
| Silicon    | 28-1  | 172389   | 169702   | 168564   | 170218   | 1.15   | cps   |
| Silver     | 109-1 | 625      | 308      | 467      | 467      | 33.93  | cps   |
| Silver     | 107-1 | 600      | 625      | 383      | 536      | 24.79  | cps   |
| Sodium     | 23-2  | 20398    | 19422    | 18462    | 19427    | 4.98   | cps   |
| Strontium  | 86-1  | 450      | 525      | 467      | 481      | 8.19   | cps   |
| Strontium  | 88-1  | 992      | 858      | 708      | 853      | 16.62  | cps   |
| Sulfur     | 34-1  | 296464   | 297073   | 294950   | 296162   | 0.37   | cps   |
| Terbium    | 159-1 | 10408639 | 10152136 | 10102558 | 10221111 | 1.61   | cps   |
| Terbium    | 159-2 | 5710023  | 6051471  | 5883005  | 5881499  | 2.90   | cps   |
| Thallium   | 203-1 | 1025     | 825      | 667      | 839      | 21.41  | cps   |
| Thallium   | 205-1 | 2125     | 2034     | 1775     | 1978     | 9.18   | cps   |
| Thorium    | 232-1 | 5829     | 5279     | 4034     | 5047     | 18.22  | cps   |
| Tin        | 118-1 | 1650     | 1500     | 1625     | 1592     | 5.05   | cps   |
| Titanium   | 47-1  | 333      | 375      | 333      | 347      | 6.93   | cps   |
| Uranium    | 238-1 | 1275     | 1142     | 942      | 1120     | 14.99  | cps   |
| Vanadium   | 51-2  | 37       | 43       | 37       | 39       | 9.89   | cps   |
| Yttrium    | 89-1  | 7642829  | 7535919  | 7473600  | 7550783  | 1.13   | cps   |
| Yttrium    | 89-2  | 1213699  | 1292014  | 1263421  | 1256378  | 3.15   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB23               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB23               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 17:58:28 | DataFile Name :   | 086CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zinc      | 66-2 | 287  | 367  | 323  | 326     | 12.30  | cps   |
| Zirconium | 90-1 | 1475 | 1417 | 1400 | 1431    | 2.75   | cps   |
| Zirconium | 91-1 | 367  | 417  | 308  | 364     | 14.90  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | PB120045BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB120045BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 18:12:02 | DataFile Name :   | 087CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2     | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|----------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 42      | 108      | 67      | 72      | 46.63  | cps   |
| Antimony   | 121-1 | 550     | 658      | 617     | 608     | 8.98   | cps   |
| Arsenic    | 75-2  | 6       | 4        | 9       | 6       | 45.85  | cps   |
| Barium     | 135-1 | 50      | 67       | 33      | 50      | 33.34  | cps   |
| Barium     | 137-1 | 75      | 108      | 58      | 81      | 31.60  | cps   |
| Beryllium  | 9-1   | 123     | 130      | 100     | 118     | 13.38  | cps   |
| Bismuth    | 209-1 | 6809154 | 6851133  | 6786674 | 6815654 | 0.48   | cps   |
| Bismuth    | 209-2 | 4540925 | 4534113  | 4545611 | 4540216 | 0.13   | cps   |
| Boron      | 10-1  | 892     | 917      | 1033    | 947     | 7.98   | cps   |
| Boron      | 11-1  | 4634    | 4659     | 4459    | 4584    | 2.38   | cps   |
| Cadmium    | 111-1 | 1877    | 2135     | 2304    | 2105    | 10.22  | cps   |
| Cadmium    | 106-1 | 2692    | 3059     | 3284    | 3012    | 9.92   | cps   |
| Cadmium    | 108-1 | 17      | 8        | 4       | 10      | 65.47  | cps   |
| Calcium    | 43-1  | 167     | 175      | 183     | 175     | 4.76   | cps   |
| Calcium    | 44-1  | 8303    | 8303     | 7502    | 8036    | 5.75   | cps   |
| Chromium   | 52-2  | 597     | 547      | 560     | 568     | 4.56   | cps   |
| Cobalt     | 59-2  | 73      | 73       | 80      | 76      | 5.10   | cps   |
| Copper     | 63-2  | 447     | 440      | 403     | 430     | 5.43   | cps   |
| Dysprosium | 156-1 | 8       | 17       | 0       | 8       | 100.02 | cps   |
| Dysprosium | 156-2 | 7       | 3        | 0       | 3       | 100.05 | cps   |
| Erbium     | 164-1 | 33      | 67       | 8       | 36      | 81.06  | cps   |
| Erbium     | 164-2 | 17      | 27       | 10      | 18      | 47.19  | cps   |
| Gadolinium | 160-1 | 75      | 50       | 50      | 58      | 24.74  | cps   |
| Gadolinium | 160-2 | 193     | 180      | 140     | 171     | 16.22  | cps   |
| Holmium    | 165-1 | 9977772 | 10007326 | 9945530 | 9976876 | 0.31   | cps   |
| Holmium    | 165-2 | 6138758 | 6099746  | 6098054 | 6112186 | 0.38   | cps   |
| Indium     | 115-1 | 7334789 | 7358877  | 7376447 | 7356704 | 0.28   | cps   |
| Indium     | 115-2 | 1750403 | 1741968  | 1759360 | 1750577 | 0.50   | cps   |
| Iron       | 56-2  | 4556    | 4267     | 4645    | 4490    | 4.40   | cps   |
| Iron       | 57-2  | 172     | 200      | 172     | 181     | 8.84   | cps   |
| Krypton    | 83-1  | 250     | 347      | 273     | 290     | 17.39  | cps   |
| Lead       | 206-1 | 356     | 333      | 367     | 352     | 4.82   | cps   |
| Lead       | 207-1 | 394     | 233      | 306     | 311     | 25.94  | cps   |
| Lead       | 208-1 | 1361    | 1106     | 1283    | 1250    | 10.48  | cps   |
| Lithium    | 6-1   | 2863840 | 2856163  | 2853447 | 2857817 | 0.19   | cps   |
| Magnesium  | 24-2  | 392     | 283      | 400     | 358     | 18.16  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | PB120045BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB120045BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 18:12:02 | DataFile Name :   | 087CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 50       | 97       | 107      | 84       | 35.82  | cps   |
| Molybdenum | 94-1  | 383      | 225      | 308      | 306      | 25.92  | cps   |
| Molybdenum | 95-1  | 142      | 200      | 158      | 167      | 18.03  | cps   |
| Molybdenum | 96-1  | 308      | 192      | 275      | 258      | 23.26  | cps   |
| Molybdenum | 97-1  | 83       | 108      | 125      | 106      | 19.87  | cps   |
| Molybdenum | 98-1  | 258      | 250      | 208      | 239      | 11.21  | cps   |
| Neodymium  | 150-1 | 0        | 7        | 0        | 2        | 173.21 | cps   |
| Neodymium  | 150-2 | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 53       | 43       | 83       | 60       | 34.70  | cps   |
| Phosphorus | 31-2  | 100      | 67       | 33       | 67       | 50.00  | cps   |
| Potassium  | 39-2  | 17060    | 16602    | 16501    | 16721    | 1.78   | cps   |
| Rhodium    | 103-1 | 6724345  | 6725939  | 6675218  | 6708500  | 0.43   | cps   |
| Rhodium    | 103-2 | 3423333  | 3400918  | 3421455  | 3415235  | 0.36   | cps   |
| Scandium   | 45-1  | 5117405  | 5112953  | 5127981  | 5119446  | 0.15   | cps   |
| Scandium   | 45-2  | 244186   | 243406   | 243500   | 243698   | 0.17   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 56       | 74       | 59       | 63       | 15.56  | cps   |
| Selenium   | 82-1  | 187      | 133      | 191      | 170      | 19.04  | cps   |
| Silicon    | 28-1  | 176740   | 178680   | 173992   | 176470   | 1.33   | cps   |
| Silver     | 109-1 | 75       | 92       | 92       | 86       | 11.18  | cps   |
| Silver     | 107-1 | 100      | 150      | 142      | 131      | 20.52  | cps   |
| Sodium     | 23-2  | 7752     | 8019     | 7844     | 7872     | 1.72   | cps   |
| Strontium  | 86-1  | 433      | 500      | 483      | 472      | 7.35   | cps   |
| Strontium  | 88-1  | 142      | 183      | 133      | 153      | 17.53  | cps   |
| Sulfur     | 34-1  | 311843   | 310959   | 311307   | 311370   | 0.14   | cps   |
| Terbium    | 159-1 | 10401851 | 10332854 | 10283354 | 10339353 | 0.58   | cps   |
| Terbium    | 159-2 | 6123341  | 6095628  | 6103106  | 6107358  | 0.23   | cps   |
| Thallium   | 203-1 | 125      | 150      | 150      | 142      | 10.19  | cps   |
| Thallium   | 205-1 | 242      | 375      | 300      | 306      | 21.88  | cps   |
| Thorium    | 232-1 | 594      | 672      | 611      | 626      | 6.54   | cps   |
| Tin        | 118-1 | 608      | 492      | 525      | 542      | 11.10  | cps   |
| Titanium   | 47-1  | 75       | 83       | 75       | 78       | 6.19   | cps   |
| Uranium    | 238-1 | 58       | 75       | 67       | 67       | 12.49  | cps   |
| Vanadium   | 51-2  | 10       | 7        | 3        | 7        | 50.03  | cps   |
| Yttrium    | 89-1  | 7809514  | 7841182  | 7823918  | 7824871  | 0.20   | cps   |
| Yttrium    | 89-2  | 1325668  | 1322687  | 1326533  | 1324963  | 0.15   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | PB120045BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB120045BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 18:12:02 | DataFile Name :   | 087CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zinc      | 66-2 | 660  | 560  | 493  | 571     | 14.69  | cps   |
| Zirconium | 90-1 | 742  | 817  | 783  | 781     | 4.81   | cps   |
| Zirconium | 91-1 | 167  | 167  | 125  | 153     | 15.75  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | PB120045BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB120045BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 18:15:39 | DataFile Name :   | 088LCS6.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 830980   | 825731   | 825455   | 827389   | 0.38   | cps   |
| Antimony   | 121-1 | 3549268  | 3514465  | 3514084  | 3525939  | 0.57   | cps   |
| Arsenic    | 75-2  | 120805   | 120244   | 121140   | 120730   | 0.38   | cps   |
| Barium     | 135-1 | 4835628  | 4790769  | 4730341  | 4785579  | 1.10   | cps   |
| Barium     | 137-1 | 8634549  | 8592395  | 8544984  | 8590643  | 0.52   | cps   |
| Beryllium  | 9-1   | 955914   | 938605   | 925958   | 940159   | 1.60   | cps   |
| Bismuth    | 209-1 | 6530741  | 6517839  | 6541229  | 6529937  | 0.18   | cps   |
| Bismuth    | 209-2 | 4191436  | 4215170  | 4237200  | 4214602  | 0.54   | cps   |
| Boron      | 10-1  | 142786   | 146067   | 143928   | 144260   | 1.15   | cps   |
| Boron      | 11-1  | 626940   | 620559   | 632236   | 626578   | 0.93   | cps   |
| Cadmium    | 111-1 | 971610   | 959748   | 948984   | 960114   | 1.18   | cps   |
| Cadmium    | 106-1 | 114872   | 110814   | 110277   | 111988   | 2.24   | cps   |
| Cadmium    | 108-1 | 75739    | 74742    | 73582    | 74688    | 1.45   | cps   |
| Calcium    | 43-1  | 1215490  | 1192045  | 1185254  | 1197597  | 1.32   | cps   |
| Calcium    | 44-1  | 19933789 | 19665559 | 19369817 | 19656388 | 1.44   | cps   |
| Chromium   | 52-2  | 1110048  | 1101863  | 1093741  | 1101884  | 0.74   | cps   |
| Cobalt     | 59-2  | 1692848  | 1684833  | 1679526  | 1685736  | 0.40   | cps   |
| Copper     | 63-2  | 2216654  | 2202785  | 2224257  | 2214565  | 0.49   | cps   |
| Dysprosium | 156-1 | 108      | 142      | 100      | 117      | 18.90  | cps   |
| Dysprosium | 156-2 | 167      | 113      | 80       | 120      | 36.43  | cps   |
| Erbium     | 164-1 | 58       | 33       | 42       | 44       | 28.65  | cps   |
| Erbium     | 164-2 | 50       | 50       | 30       | 43       | 26.65  | cps   |
| Gadolinium | 160-1 | 75       | 92       | 58       | 75       | 22.22  | cps   |
| Gadolinium | 160-2 | 163      | 183      | 173      | 173      | 5.77   | cps   |
| Holmium    | 165-1 | 9872928  | 9804371  | 9818939  | 9832079  | 0.37   | cps   |
| Holmium    | 165-2 | 5850111  | 5815222  | 5811833  | 5825722  | 0.36   | cps   |
| Indium     | 115-1 | 6759400  | 6671748  | 6611410  | 6680853  | 1.11   | cps   |
| Indium     | 115-2 | 1549298  | 1539979  | 1543914  | 1544397  | 0.30   | cps   |
| Iron       | 56-2  | 49767332 | 49197805 | 49307759 | 49424299 | 0.61   | cps   |
| Iron       | 57-2  | 1210863  | 1195902  | 1198389  | 1201718  | 0.67   | cps   |
| Krypton    | 83-1  | 310      | 263      | 260      | 278      | 10.06  | cps   |
| Lead       | 206-1 | 3382661  | 3364252  | 3359279  | 3368731  | 0.37   | cps   |
| Lead       | 207-1 | 3114617  | 3114822  | 3113032  | 3114157  | 0.03   | cps   |
| Lead       | 208-1 | 14147876 | 14105900 | 14138990 | 14130922 | 0.16   | cps   |
| Lithium    | 6-1   | 2611568  | 2577142  | 2560023  | 2582911  | 1.02   | cps   |
| Magnesium  | 24-2  | 9621522  | 9530629  | 9505263  | 9552471  | 0.64   | cps   |

LB Number : LB103076 Operator : Jaswal  
 Lab Sample ID : PB120045BS Instrumnet Name : P7  
 Client Sample ID : PB120045BS Dilution Factor : 1  
 Date & Time Acquired :: 2019-05-29 18:15:39 DataFile Name : 088LCS6.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 1455540  | 1449128  | 1444847  | 1449838  | 0.37   | cps   |
| Molybdenum | 94-1  | 7625719  | 7582351  | 7539670  | 7582580  | 0.57   | cps   |
| Molybdenum | 95-1  | 9239598  | 9219444  | 9125424  | 9194822  | 0.66   | cps   |
| Molybdenum | 96-1  | 10351487 | 10188956 | 10159697 | 10233380 | 1.01   | cps   |
| Molybdenum | 97-1  | 5796331  | 5763772  | 5727481  | 5762528  | 0.60   | cps   |
| Molybdenum | 98-1  | 14813472 | 14684255 | 14632461 | 14710062 | 0.63   | cps   |
| Neodymium  | 150-1 | 433      | 500      | 427      | 453      | 8.95   | cps   |
| Neodymium  | 150-2 | 87       | 47       | 97       | 77       | 34.51  | cps   |
| Nickel     | 60-2  | 420855   | 418364   | 421444   | 420221   | 0.39   | cps   |
| Phosphorus | 31-2  | 43975    | 42746    | 42754    | 43158    | 1.64   | cps   |
| Potassium  | 39-2  | 4869215  | 4787364  | 4778381  | 4811653  | 1.04   | cps   |
| Rhodium    | 103-1 | 5983596  | 5873154  | 5830830  | 5895860  | 1.34   | cps   |
| Rhodium    | 103-2 | 2935485  | 2933959  | 2939930  | 2936458  | 0.11   | cps   |
| Scandium   | 45-1  | 4621429  | 4551726  | 4528968  | 4567374  | 1.05   | cps   |
| Scandium   | 45-2  | 209363   | 208400   | 210336   | 209366   | 0.46   | cps   |
| Selenium   | 77-2  | 3947     | 3430     | 3664     | 3681     | 7.03   | cps   |
| Selenium   | 78-2  | 12594    | 12578    | 12387    | 12520    | 0.92   | cps   |
| Selenium   | 82-1  | 71427    | 70673    | 69558    | 70553    | 1.33   | cps   |
| Silicon    | 28-1  | 2745398  | 2710183  | 2699437  | 2718340  | 0.88   | cps   |
| Silver     | 109-1 | 4162245  | 4107797  | 4087357  | 4119133  | 0.94   | cps   |
| Silver     | 107-1 | 4356593  | 4304905  | 4268662  | 4310053  | 1.03   | cps   |
| Sodium     | 23-2  | 18227812 | 18096287 | 18070894 | 18131664 | 0.46   | cps   |
| Strontium  | 86-1  | 1208109  | 1196301  | 1182848  | 1195753  | 1.06   | cps   |
| Strontium  | 88-1  | 10896315 | 10751650 | 10662118 | 10770028 | 1.10   | cps   |
| Sulfur     | 34-1  | 700237   | 688051   | 682755   | 690348   | 1.30   | cps   |
| Terbium    | 159-1 | 10159442 | 9991654  | 10001345 | 10050814 | 0.94   | cps   |
| Terbium    | 159-2 | 5767653  | 5715508  | 5705658  | 5729606  | 0.58   | cps   |
| Thallium   | 203-1 | 4179249  | 4145135  | 4167232  | 4163872  | 0.42   | cps   |
| Thallium   | 205-1 | 10353638 | 10344621 | 10392781 | 10363680 | 0.25   | cps   |
| Thorium    | 232-1 | 16807390 | 17006867 | 16973119 | 16929125 | 0.63   | cps   |
| Tin        | 118-1 | 3076753  | 3036186  | 3007203  | 3040048  | 1.15   | cps   |
| Titanium   | 47-1  | 2650010  | 2597826  | 2580812  | 2609549  | 1.38   | cps   |
| Uranium    | 238-1 | 16466782 | 16682197 | 16611242 | 16586740 | 0.66   | cps   |
| Vanadium   | 51-2  | 918663   | 921224   | 914571   | 918152   | 0.37   | cps   |
| Yttrium    | 89-1  | 7239476  | 7179266  | 7134551  | 7184431  | 0.73   | cps   |
| Yttrium    | 89-2  | 1184552  | 1169714  | 1175446  | 1176571  | 0.64   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | PB120045BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB120045BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 18:15:39 | DataFile Name :   | 088LCS6.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zinc      | 66-2 | 383030  | 381508  | 381834  | 382124  | 0.21   | cps   |
| Zirconium | 90-1 | 6518864 | 6484700 | 6426136 | 6476567 | 0.72   | cps   |
| Zirconium | 91-1 | 1406058 | 1391367 | 1384737 | 1394054 | 0.78   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K3032-01            | Instrumnet Name : | P7        |
| Client Sample ID :      | S32-0657            | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 18:19:16 | DataFile Name :   | 089SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 113336   | 111514   | 113159   | 112670   | 0.89   | cps   |
| Antimony   | 121-1 | 15226    | 15509    | 15634    | 15456    | 1.35   | cps   |
| Arsenic    | 75-2  | 659      | 561      | 544      | 588      | 10.55  | cps   |
| Barium     | 135-1 | 37326    | 36674    | 36649    | 36883    | 1.04   | cps   |
| Barium     | 137-1 | 63513    | 64760    | 64383    | 64218    | 1.00   | cps   |
| Beryllium  | 9-1   | 343      | 333      | 253      | 310      | 15.91  | cps   |
| Bismuth    | 209-1 | 6604124  | 6582392  | 6609416  | 6598644  | 0.22   | cps   |
| Bismuth    | 209-2 | 3997754  | 4061737  | 4027736  | 4029076  | 0.79   | cps   |
| Boron      | 10-1  | 7269     | 6552     | 5743     | 6521     | 11.71  | cps   |
| Boron      | 11-1  | 30749    | 28302    | 25347    | 28133    | 9.61   | cps   |
| Cadmium    | 111-1 | 2431     | 2244     | 2233     | 2303     | 4.82   | cps   |
| Cadmium    | 106-1 | 2750     | 2659     | 2834     | 2748     | 3.19   | cps   |
| Cadmium    | 108-1 | 88       | 83       | 108      | 93       | 14.39  | cps   |
| Calcium    | 43-1  | 4167208  | 4084531  | 4048205  | 4099981  | 1.49   | cps   |
| Calcium    | 44-1  | 68820566 | 68131647 | 67355927 | 68102713 | 1.08   | cps   |
| Chromium   | 52-2  | 3430     | 3534     | 3390     | 3452     | 2.14   | cps   |
| Cobalt     | 59-2  | 857      | 897      | 897      | 883      | 2.61   | cps   |
| Copper     | 63-2  | 18452    | 18138    | 17674    | 18088    | 2.16   | cps   |
| Dysprosium | 156-1 | 83       | 67       | 117      | 89       | 28.64  | cps   |
| Dysprosium | 156-2 | 57       | 73       | 47       | 59       | 22.87  | cps   |
| Erbium     | 164-1 | 83       | 75       | 50       | 69       | 24.98  | cps   |
| Erbium     | 164-2 | 27       | 27       | 67       | 40       | 57.73  | cps   |
| Gadolinium | 160-1 | 117      | 92       | 50       | 86       | 39.11  | cps   |
| Gadolinium | 160-2 | 137      | 190      | 187      | 171      | 17.46  | cps   |
| Holmium    | 165-1 | 9554571  | 9612266  | 9663090  | 9609976  | 0.56   | cps   |
| Holmium    | 165-2 | 5405516  | 5326788  | 5444293  | 5392199  | 1.11   | cps   |
| Indium     | 115-1 | 6569329  | 6500353  | 6556406  | 6542029  | 0.56   | cps   |
| Indium     | 115-2 | 1422497  | 1428687  | 1421193  | 1424126  | 0.28   | cps   |
| Iron       | 56-2  | 150053   | 151761   | 152635   | 151483   | 0.87   | cps   |
| Iron       | 57-2  | 25122    | 24749    | 26090    | 25320    | 2.73   | cps   |
| Krypton    | 83-1  | 300      | 340      | 270      | 303      | 11.58  | cps   |
| Lead       | 206-1 | 7330     | 5724     | 5046     | 6033     | 19.45  | cps   |
| Lead       | 207-1 | 6580     | 5196     | 4101     | 5292     | 23.47  | cps   |
| Lead       | 208-1 | 29897    | 23320    | 18967    | 24061    | 22.87  | cps   |
| Lithium    | 6-1   | 2792039  | 2792761  | 2811059  | 2798620  | 0.39   | cps   |
| Magnesium  | 24-2  | 15125    | 13874    | 14341    | 14446    | 4.38   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K3032-01            | Instrumnet Name : | P7        |
| Client Sample ID :      | S32-0657            | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 18:19:16 | DataFile Name :   | 089SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 2394     | 2077     | 2044     | 2171     | 8.90   | cps   |
| Molybdenum | 94-1  | 86562    | 87191    | 85103    | 86285    | 1.24   | cps   |
| Molybdenum | 95-1  | 152069   | 148449   | 148741   | 149753   | 1.34   | cps   |
| Molybdenum | 96-1  | 165457   | 160384   | 160072   | 161971   | 1.87   | cps   |
| Molybdenum | 97-1  | 96014    | 94370    | 93732    | 94705    | 1.24   | cps   |
| Molybdenum | 98-1  | 246895   | 244753   | 242692   | 244780   | 0.86   | cps   |
| Neodymium  | 150-1 | 127      | 100      | 127      | 118      | 13.07  | cps   |
| Neodymium  | 150-2 | 60       | 63       | 57       | 60       | 5.55   | cps   |
| Nickel     | 60-2  | 10734    | 10214    | 10407    | 10452    | 2.52   | cps   |
| Phosphorus | 31-2  | 100      | 100      | 150      | 117      | 24.75  | cps   |
| Potassium  | 39-2  | 918651   | 906543   | 911870   | 912355   | 0.67   | cps   |
| Rhodium    | 103-1 | 5693035  | 5661493  | 5704872  | 5686466  | 0.39   | cps   |
| Rhodium    | 103-2 | 2749275  | 2747025  | 2769387  | 2755229  | 0.45   | cps   |
| Scandium   | 45-1  | 4296874  | 4198486  | 4196133  | 4230497  | 1.36   | cps   |
| Scandium   | 45-2  | 187070   | 187658   | 186733   | 187154   | 0.25   | cps   |
| Selenium   | 77-2  | 23       | 20       | 3        | 16       | 68.90  | cps   |
| Selenium   | 78-2  | 57       | 65       | 63       | 62       | 6.25   | cps   |
| Selenium   | 82-1  | 439      | 378      | 366      | 394      | 9.88   | cps   |
| Silicon    | 28-1  | 12534851 | 12247640 | 12051122 | 12277871 | 1.98   | cps   |
| Silver     | 109-1 | 11822    | 10046    | 7894     | 9921     | 19.83  | cps   |
| Silver     | 107-1 | 12389    | 10463    | 7903     | 10251    | 21.96  | cps   |
| Sodium     | 23-2  | 18483760 | 18217277 | 18259707 | 18320248 | 0.78   | cps   |
| Strontium  | 86-1  | 637861   | 634699   | 632071   | 634877   | 0.46   | cps   |
| Strontium  | 88-1  | 5741860  | 5754415  | 5700828  | 5732367  | 0.49   | cps   |
| Sulfur     | 34-1  | 466052   | 465145   | 460149   | 463782   | 0.69   | cps   |
| Terbium    | 159-1 | 9825208  | 9806499  | 9900384  | 9844030  | 0.50   | cps   |
| Terbium    | 159-2 | 5158090  | 5232851  | 5350705  | 5247215  | 1.85   | cps   |
| Thallium   | 203-1 | 14208    | 9554     | 6010     | 9924     | 41.43  | cps   |
| Thallium   | 205-1 | 35090    | 22353    | 14700    | 24048    | 42.83  | cps   |
| Thorium    | 232-1 | 7230     | 5974     | 4584     | 5929     | 22.32  | cps   |
| Tin        | 118-1 | 8912     | 8294     | 8078     | 8428     | 5.13   | cps   |
| Titanium   | 47-1  | 3701     | 3192     | 2909     | 3267     | 12.29  | cps   |
| Uranium    | 238-1 | 4318     | 2942     | 2442     | 3234     | 30.03  | cps   |
| Vanadium   | 51-2  | 11161    | 11228    | 11601    | 11330    | 2.09   | cps   |
| Yttrium    | 89-1  | 6979504  | 6923176  | 6905059  | 6935913  | 0.56   | cps   |
| Yttrium    | 89-2  | 1070678  | 1069542  | 1075691  | 1071970  | 0.31   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K3032-01            | Instrumnet Name : | P7        |
| Client Sample ID :      | S32-0657            | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 18:19:16 | DataFile Name :   | 089SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zinc      | 66-2 | 2967 | 2977 | 2844 | 2929    | 2.54   | cps   |
| Zirconium | 90-1 | 2667 | 2175 | 1734 | 2192    | 21.31  | cps   |
| Zirconium | 91-1 | 558  | 375  | 350  | 428     | 26.59  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K3032-01DUP         | Instrumnet Name : | P7        |
| Client Sample ID :      | S32-0657DUP         | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 18:22:53 | DataFile Name :   | 090SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 107308   | 106494   | 104774   | 106192   | 1.22   | cps   |
| Antimony   | 121-1 | 11188    | 11647    | 12289    | 11708    | 4.72   | cps   |
| Arsenic    | 75-2  | 556      | 578      | 519      | 551      | 5.44   | cps   |
| Barium     | 135-1 | 36532    | 36591    | 35713    | 36279    | 1.35   | cps   |
| Barium     | 137-1 | 62081    | 62341    | 62324    | 62249    | 0.23   | cps   |
| Beryllium  | 9-1   | 183      | 127      | 160      | 157      | 18.18  | cps   |
| Bismuth    | 209-1 | 6490243  | 6541973  | 6660682  | 6564299  | 1.33   | cps   |
| Bismuth    | 209-2 | 3965595  | 3941857  | 3938732  | 3948728  | 0.37   | cps   |
| Boron      | 10-1  | 3634     | 3651     | 3784     | 3689     | 2.23   | cps   |
| Boron      | 11-1  | 16968    | 16593    | 16092    | 16551    | 2.65   | cps   |
| Cadmium    | 111-1 | 1993     | 1934     | 2014     | 1981     | 2.09   | cps   |
| Cadmium    | 106-1 | 2709     | 2592     | 2700     | 2667     | 2.44   | cps   |
| Cadmium    | 108-1 | 88       | 67       | 67       | 74       | 16.34  | cps   |
| Calcium    | 43-1  | 3915641  | 3911028  | 3919067  | 3915246  | 0.10   | cps   |
| Calcium    | 44-1  | 64636660 | 64816306 | 64840664 | 64764543 | 0.17   | cps   |
| Chromium   | 52-2  | 3007     | 3074     | 3110     | 3064     | 1.71   | cps   |
| Cobalt     | 59-2  | 730      | 767      | 747      | 748      | 2.46   | cps   |
| Copper     | 63-2  | 16656    | 16583    | 16313    | 16517    | 1.10   | cps   |
| Dysprosium | 156-1 | 50       | 100      | 58       | 69       | 38.58  | cps   |
| Dysprosium | 156-2 | 40       | 33       | 63       | 46       | 34.58  | cps   |
| Erbium     | 164-1 | 83       | 92       | 92       | 89       | 5.41   | cps   |
| Erbium     | 164-2 | 47       | 33       | 10       | 30       | 61.87  | cps   |
| Gadolinium | 160-1 | 92       | 100      | 67       | 86       | 20.14  | cps   |
| Gadolinium | 160-2 | 197      | 150      | 177      | 174      | 13.42  | cps   |
| Holmium    | 165-1 | 9666854  | 9837247  | 9884707  | 9796269  | 1.17   | cps   |
| Holmium    | 165-2 | 5415425  | 5336656  | 5246617  | 5332899  | 1.58   | cps   |
| Indium     | 115-1 | 6440641  | 6493010  | 6565132  | 6499594  | 0.96   | cps   |
| Indium     | 115-2 | 1401046  | 1387566  | 1379359  | 1389324  | 0.79   | cps   |
| Iron       | 56-2  | 144022   | 143621   | 142714   | 143452   | 0.47   | cps   |
| Iron       | 57-2  | 24465    | 23647    | 24231    | 24115    | 1.75   | cps   |
| Krypton    | 83-1  | 277      | 287      | 317      | 293      | 7.10   | cps   |
| Lead       | 206-1 | 2784     | 2573     | 2789     | 2715     | 4.55   | cps   |
| Lead       | 207-1 | 2561     | 2445     | 2134     | 2380     | 9.29   | cps   |
| Lead       | 208-1 | 10824    | 10419    | 10202    | 10482    | 3.01   | cps   |
| Lithium    | 6-1   | 2716056  | 2737815  | 2743672  | 2732514  | 0.53   | cps   |
| Magnesium  | 24-2  | 14065    | 13990    | 14040    | 14032    | 0.27   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K3032-01DUP         | Instrumnet Name : | P7        |
| Client Sample ID :      | S32-0657DUP         | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 18:22:53 | DataFile Name :   | 090SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 1937     | 2067     | 1930     | 1978     | 3.90   | cps   |
| Molybdenum | 94-1  | 83913    | 82061    | 85824    | 83933    | 2.24   | cps   |
| Molybdenum | 95-1  | 146402   | 148826   | 149769   | 148332   | 1.17   | cps   |
| Molybdenum | 96-1  | 155564   | 155074   | 156036   | 155558   | 0.31   | cps   |
| Molybdenum | 97-1  | 92423    | 90880    | 91552    | 91618    | 0.84   | cps   |
| Molybdenum | 98-1  | 236657   | 238970   | 238080   | 237902   | 0.49   | cps   |
| Neodymium  | 150-1 | 120      | 93       | 127      | 113      | 15.56  | cps   |
| Neodymium  | 150-2 | 33       | 43       | 43       | 40       | 14.43  | cps   |
| Nickel     | 60-2  | 9673     | 10404    | 9833     | 9970     | 3.85   | cps   |
| Phosphorus | 31-2  | 150      | 158      | 83       | 131      | 31.49  | cps   |
| Potassium  | 39-2  | 870329   | 856920   | 847624   | 858291   | 1.33   | cps   |
| Rhodium    | 103-1 | 5584348  | 5616180  | 5676098  | 5625542  | 0.83   | cps   |
| Rhodium    | 103-2 | 2699882  | 2690788  | 2682105  | 2690925  | 0.33   | cps   |
| Scandium   | 45-1  | 3990456  | 4024654  | 4023825  | 4012978  | 0.49   | cps   |
| Scandium   | 45-2  | 179310   | 177910   | 176756   | 177992   | 0.72   | cps   |
| Selenium   | 77-2  | 20       | 10       | 10       | 13       | 43.30  | cps   |
| Selenium   | 78-2  | 96       | 54       | 57       | 69       | 34.13  | cps   |
| Selenium   | 82-1  | 327      | 291      | 318      | 312      | 5.98   | cps   |
| Silicon    | 28-1  | 11418181 | 11513668 | 11482143 | 11471331 | 0.42   | cps   |
| Silver     | 109-1 | 2909     | 2700     | 2459     | 2689     | 8.38   | cps   |
| Silver     | 107-1 | 2750     | 3034     | 2742     | 2842     | 5.84   | cps   |
| Sodium     | 23-2  | 17548292 | 17272882 | 17068594 | 17296589 | 1.39   | cps   |
| Strontium  | 86-1  | 618569   | 622831   | 628092   | 623164   | 0.77   | cps   |
| Strontium  | 88-1  | 5570757  | 5626300  | 5677840  | 5624966  | 0.95   | cps   |
| Sulfur     | 34-1  | 448877   | 451115   | 442789   | 447594   | 0.96   | cps   |
| Terbium    | 159-1 | 9854550  | 9899346  | 10017415 | 9923770  | 0.85   | cps   |
| Terbium    | 159-2 | 5140276  | 5114913  | 5096699  | 5117296  | 0.43   | cps   |
| Thallium   | 203-1 | 767      | 692      | 642      | 700      | 8.99   | cps   |
| Thallium   | 205-1 | 1959     | 1834     | 1825     | 1872     | 3.99   | cps   |
| Thorium    | 232-1 | 1922     | 1967     | 1911     | 1934     | 1.52   | cps   |
| Tin        | 118-1 | 6010     | 6660     | 6802     | 6491     | 6.51   | cps   |
| Titanium   | 47-1  | 2684     | 2525     | 2617     | 2609     | 3.05   | cps   |
| Uranium    | 238-1 | 1283     | 1058     | 1242     | 1195     | 10.02  | cps   |
| Vanadium   | 51-2  | 11051    | 10437    | 10901    | 10796    | 2.96   | cps   |
| Yttrium    | 89-1  | 6726092  | 6825771  | 6896070  | 6815978  | 1.25   | cps   |
| Yttrium    | 89-2  | 1044726  | 1034779  | 1031935  | 1037147  | 0.65   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K3032-01DUP         | Instrumnet Name : | P7        |
| Client Sample ID :      | S32-0657DUP         | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 18:22:53 | DataFile Name :   | 090SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zinc      | 66-2 | 2794 | 2780 | 2714 | 2763    | 1.55   | cps   |
| Zirconium | 90-1 | 1058 | 1075 | 933  | 1022    | 7.58   | cps   |
| Zirconium | 91-1 | 233  | 208  | 200  | 214     | 8.11   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K3032-01LX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | S32-0657L           | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 18:26:30 | DataFile Name :   | 091SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 19989    | 19947    | 19906    | 19947    | 0.21   | cps   |
| Antimony   | 121-1 | 2109     | 2225     | 2167     | 2167     | 2.69   | cps   |
| Arsenic    | 75-2  | 93       | 120      | 107      | 107      | 13.02  | cps   |
| Barium     | 135-1 | 6227     | 6293     | 6277     | 6266     | 0.55   | cps   |
| Barium     | 137-1 | 10997    | 10963    | 11597    | 11186    | 3.19   | cps   |
| Beryllium  | 9-1   | 123      | 140      | 103      | 122      | 15.02  | cps   |
| Bismuth    | 209-1 | 6861608  | 6879663  | 6885341  | 6875537  | 0.18   | cps   |
| Bismuth    | 209-2 | 4153761  | 4148522  | 4204094  | 4168793  | 0.74   | cps   |
| Boron      | 10-1  | 1675     | 1634     | 1583     | 1631     | 2.81   | cps   |
| Boron      | 11-1  | 7244     | 7677     | 7202     | 7374     | 3.57   | cps   |
| Cadmium    | 111-1 | 1897     | 2076     | 2186     | 2053     | 7.09   | cps   |
| Cadmium    | 106-1 | 2634     | 2909     | 3050     | 2864     | 7.40   | cps   |
| Cadmium    | 108-1 | 13       | 8        | 29       | 17       | 66.16  | cps   |
| Calcium    | 43-1  | 676792   | 677579   | 685494   | 679955   | 0.71   | cps   |
| Calcium    | 44-1  | 11193187 | 11270307 | 11359883 | 11274459 | 0.74   | cps   |
| Chromium   | 52-2  | 940      | 1013     | 937      | 963      | 4.50   | cps   |
| Cobalt     | 59-2  | 173      | 157      | 173      | 168      | 5.74   | cps   |
| Copper     | 63-2  | 3824     | 3477     | 3560     | 3621     | 5.00   | cps   |
| Dysprosium | 156-1 | 0        | 25       | 8        | 11       | 114.58 | cps   |
| Dysprosium | 156-2 | 7        | 10       | 13       | 10       | 33.30  | cps   |
| Erbium     | 164-1 | 42       | 8        | 42       | 31       | 62.99  | cps   |
| Erbium     | 164-2 | 37       | 27       | 23       | 29       | 24.03  | cps   |
| Gadolinium | 160-1 | 50       | 42       | 58       | 50       | 16.67  | cps   |
| Gadolinium | 160-2 | 110      | 113      | 113      | 112      | 1.72   | cps   |
| Holmium    | 165-1 | 9960805  | 9872659  | 9945656  | 9926374  | 0.47   | cps   |
| Holmium    | 165-2 | 5522797  | 5545644  | 5554620  | 5541020  | 0.30   | cps   |
| Indium     | 115-1 | 6746578  | 6767805  | 6715196  | 6743193  | 0.39   | cps   |
| Indium     | 115-2 | 1454323  | 1452756  | 1464289  | 1457123  | 0.43   | cps   |
| Iron       | 56-2  | 28483    | 28874    | 28111    | 28489    | 1.34   | cps   |
| Iron       | 57-2  | 4412     | 4567     | 4390     | 4456     | 2.17   | cps   |
| Krypton    | 83-1  | 287      | 240      | 210      | 246      | 15.73  | cps   |
| Lead       | 206-1 | 967      | 889      | 822      | 893      | 8.10   | cps   |
| Lead       | 207-1 | 783      | 945      | 767      | 832      | 11.81  | cps   |
| Lead       | 208-1 | 3817     | 3928     | 3628     | 3791     | 4.00   | cps   |
| Lithium    | 6-1   | 2417653  | 2403242  | 2398612  | 2406503  | 0.41   | cps   |
| Magnesium  | 24-2  | 2409     | 2434     | 2900     | 2581     | 10.73  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K3032-01LX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | S32-0657L           | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 18:26:30 | DataFile Name :   | 091SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 453      | 360      | 337      | 383      | 16.10  | cps   |
| Molybdenum | 94-1  | 14725    | 14424    | 14324    | 14491    | 1.44   | cps   |
| Molybdenum | 95-1  | 24931    | 25816    | 26375    | 25707    | 2.83   | cps   |
| Molybdenum | 96-1  | 26868    | 26726    | 27636    | 27077    | 1.81   | cps   |
| Molybdenum | 97-1  | 16786    | 15759    | 16360    | 16302    | 3.16   | cps   |
| Molybdenum | 98-1  | 40985    | 41595    | 42682    | 41754    | 2.06   | cps   |
| Neodymium  | 150-1 | 27       | 7        | 27       | 20       | 57.73  | cps   |
| Neodymium  | 150-2 | 10       | 7        | 13       | 10       | 33.30  | cps   |
| Nickel     | 60-2  | 1840     | 2024     | 2004     | 1956     | 5.14   | cps   |
| Phosphorus | 31-2  | 67       | 125      | 50       | 81       | 48.89  | cps   |
| Potassium  | 39-2  | 167200   | 166617   | 169862   | 167893   | 1.03   | cps   |
| Rhodium    | 103-1 | 5938878  | 5937681  | 5947483  | 5941348  | 0.09   | cps   |
| Rhodium    | 103-2 | 2831631  | 2834924  | 2861226  | 2842594  | 0.57   | cps   |
| Scandium   | 45-1  | 4111520  | 4084772  | 4071090  | 4089127  | 0.50   | cps   |
| Scandium   | 45-2  | 185498   | 184193   | 183898   | 184529   | 0.46   | cps   |
| Selenium   | 77-2  | 3        | 3        | 3        | 3        | 0.00   | cps   |
| Selenium   | 78-2  | 26       | 31       | 52       | 36       | 37.47  | cps   |
| Selenium   | 82-1  | 173      | 185      | 191      | 183      | 5.16   | cps   |
| Silicon    | 28-1  | 2138244  | 2173175  | 2134665  | 2148695  | 0.99   | cps   |
| Silver     | 109-1 | 558      | 633      | 458      | 550      | 15.96  | cps   |
| Silver     | 107-1 | 542      | 492      | 433      | 489      | 11.09  | cps   |
| Sodium     | 23-2  | 3050697  | 3066038  | 3072807  | 3063181  | 0.37   | cps   |
| Strontium  | 86-1  | 108667   | 109969   | 110264   | 109633   | 0.77   | cps   |
| Strontium  | 88-1  | 947523   | 962691   | 952895   | 954370   | 0.81   | cps   |
| Sulfur     | 34-1  | 304633   | 307694   | 309512   | 307279   | 0.80   | cps   |
| Terbium    | 159-1 | 10148253 | 10128434 | 10131830 | 10136172 | 0.10   | cps   |
| Terbium    | 159-2 | 5456926  | 5425082  | 5474928  | 5452312  | 0.46   | cps   |
| Thallium   | 203-1 | 200      | 233      | 225      | 219      | 7.91   | cps   |
| Thallium   | 205-1 | 583      | 525      | 500      | 536      | 7.98   | cps   |
| Thorium    | 232-1 | 533      | 678      | 511      | 574      | 15.76  | cps   |
| Tin        | 118-1 | 925      | 1100     | 1217     | 1081     | 13.59  | cps   |
| Titanium   | 47-1  | 467      | 517      | 483      | 489      | 5.21   | cps   |
| Uranium    | 238-1 | 258      | 275      | 192      | 242      | 18.25  | cps   |
| Vanadium   | 51-2  | 2070     | 2087     | 2060     | 2072     | 0.65   | cps   |
| Yttrium    | 89-1  | 6995212  | 6958348  | 6922631  | 6958731  | 0.52   | cps   |
| Yttrium    | 89-2  | 1072266  | 1068896  | 1077814  | 1072992  | 0.42   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K3032-01LX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | S32-0657L           | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-05-29 18:26:30 | DataFile Name :   | 091SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zinc      | 66-2 | 857  | 943  | 873  | 891     | 5.16   | cps   |
| Zirconium | 90-1 | 667  | 758  | 642  | 689     | 8.92   | cps   |
| Zirconium | 91-1 | 192  | 133  | 108  | 144     | 29.61  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K3032-02            | Instrumnet Name : | P7        |
| Client Sample ID :      | S32-0657MS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 18:30:06 | DataFile Name :   | 092SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 702426   | 698774   | 706806   | 702669   | 0.57   | cps   |
| Antimony   | 121-1 | 3212220  | 3274237  | 3245379  | 3243945  | 0.96   | cps   |
| Arsenic    | 75-2  | 95132    | 95893    | 96679    | 95901    | 0.81   | cps   |
| Barium     | 135-1 | 4491002  | 4535829  | 4562913  | 4529915  | 0.80   | cps   |
| Barium     | 137-1 | 8103713  | 8170733  | 8224581  | 8166342  | 0.74   | cps   |
| Beryllium  | 9-1   | 712322   | 707667   | 706272   | 708754   | 0.45   | cps   |
| Bismuth    | 209-1 | 5988076  | 6069267  | 6091958  | 6049767  | 0.90   | cps   |
| Bismuth    | 209-2 | 3606985  | 3620797  | 3662469  | 3630083  | 0.80   | cps   |
| Boron      | 10-1  | 114540   | 113120   | 115496   | 114385   | 1.05   | cps   |
| Boron      | 11-1  | 504011   | 509916   | 518804   | 510910   | 1.46   | cps   |
| Cadmium    | 111-1 | 850501   | 857057   | 861684   | 856414   | 0.66   | cps   |
| Cadmium    | 106-1 | 100521   | 101209   | 99691    | 100474   | 0.76   | cps   |
| Cadmium    | 108-1 | 67832    | 66686    | 66999    | 67172    | 0.88   | cps   |
| Calcium    | 43-1  | 4568158  | 4572974  | 4565387  | 4568839  | 0.08   | cps   |
| Calcium    | 44-1  | 74282283 | 74619535 | 74630937 | 74510918 | 0.27   | cps   |
| Chromium   | 52-2  | 883928   | 879213   | 885477   | 882873   | 0.37   | cps   |
| Cobalt     | 59-2  | 1362306  | 1380488  | 1386600  | 1376465  | 0.92   | cps   |
| Copper     | 63-2  | 1834556  | 1840784  | 1859082  | 1844807  | 0.69   | cps   |
| Dysprosium | 156-1 | 192      | 175      | 167      | 178      | 7.16   | cps   |
| Dysprosium | 156-2 | 113      | 113      | 133      | 120      | 9.62   | cps   |
| Erbium     | 164-1 | 50       | 75       | 83       | 69       | 24.98  | cps   |
| Erbium     | 164-2 | 57       | 47       | 63       | 56       | 15.09  | cps   |
| Gadolinium | 160-1 | 75       | 150      | 108      | 111      | 33.82  | cps   |
| Gadolinium | 160-2 | 187      | 153      | 193      | 178      | 12.05  | cps   |
| Holmium    | 165-1 | 9015665  | 9132698  | 9229026  | 9125796  | 1.17   | cps   |
| Holmium    | 165-2 | 4868379  | 4903462  | 4964510  | 4912117  | 0.99   | cps   |
| Indium     | 115-1 | 5718789  | 5841173  | 5868739  | 5809567  | 1.37   | cps   |
| Indium     | 115-2 | 1227550  | 1230086  | 1237215  | 1231617  | 0.41   | cps   |
| Iron       | 56-2  | 39980513 | 40128050 | 40232148 | 40113570 | 0.32   | cps   |
| Iron       | 57-2  | 991678   | 993253   | 997024   | 993985   | 0.28   | cps   |
| Krypton    | 83-1  | 337      | 327      | 340      | 334      | 2.07   | cps   |
| Lead       | 206-1 | 3280293  | 3335392  | 3383456  | 3333047  | 1.55   | cps   |
| Lead       | 207-1 | 2957082  | 3011431  | 3014858  | 2994457  | 1.08   | cps   |
| Lead       | 208-1 | 13644957 | 13957723 | 13972809 | 13858497 | 1.34   | cps   |
| Lithium    | 6-1   | 2337260  | 2355173  | 2357221  | 2349885  | 0.47   | cps   |
| Magnesium  | 24-2  | 7012244  | 6985072  | 6992406  | 6996574  | 0.20   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K3032-02            | Instrumnet Name : | P7        |
| Client Sample ID :      | S32-0657MS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 18:30:06 | DataFile Name :   | 092SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 1181304  | 1183165  | 1192196  | 1185555  | 0.49   | cps   |
| Molybdenum | 94-1  | 7304187  | 7357154  | 7352696  | 7338012  | 0.40   | cps   |
| Molybdenum | 95-1  | 9003416  | 9115314  | 9068148  | 9062293  | 0.62   | cps   |
| Molybdenum | 96-1  | 9960469  | 10094054 | 10103305 | 10052609 | 0.80   | cps   |
| Molybdenum | 97-1  | 5637370  | 5716050  | 5710262  | 5687894  | 0.77   | cps   |
| Molybdenum | 98-1  | 14453543 | 14670741 | 14711167 | 14611817 | 0.95   | cps   |
| Neodymium  | 150-1 | 640      | 680      | 587      | 636      | 7.37   | cps   |
| Neodymium  | 150-2 | 120      | 153      | 100      | 124      | 21.65  | cps   |
| Nickel     | 60-2  | 351108   | 354769   | 355176   | 353684   | 0.63   | cps   |
| Phosphorus | 31-2  | 25       | 50       | 75       | 50       | 50.00  | cps   |
| Potassium  | 39-2  | 4236997  | 4239031  | 4256066  | 4244031  | 0.25   | cps   |
| Rhodium    | 103-1 | 4770809  | 4812847  | 4828140  | 4803932  | 0.62   | cps   |
| Rhodium    | 103-2 | 2374562  | 2385101  | 2418761  | 2392808  | 0.96   | cps   |
| Scandium   | 45-1  | 3509032  | 3508892  | 3512319  | 3510081  | 0.06   | cps   |
| Scandium   | 45-2  | 155950   | 155257   | 157425   | 156210   | 0.71   | cps   |
| Selenium   | 77-2  | 2830     | 2900     | 2957     | 2896     | 2.19   | cps   |
| Selenium   | 78-2  | 9920     | 9559     | 9601     | 9693     | 2.04   | cps   |
| Selenium   | 82-1  | 60026    | 59921    | 60256    | 60068    | 0.29   | cps   |
| Silicon    | 28-1  | 12213110 | 12309817 | 12383317 | 12302081 | 0.69   | cps   |
| Silver     | 109-1 | 3616812  | 3645500  | 3637045  | 3633119  | 0.41   | cps   |
| Silver     | 107-1 | 3743495  | 3767870  | 3804797  | 3772054  | 0.82   | cps   |
| Sodium     | 23-2  | 29989619 | 29799277 | 29930105 | 29906334 | 0.33   | cps   |
| Strontium  | 86-1  | 1668931  | 1667254  | 1676639  | 1670942  | 0.30   | cps   |
| Strontium  | 88-1  | 14895348 | 15112290 | 15095651 | 15034430 | 0.80   | cps   |
| Sulfur     | 34-1  | 396526   | 384364   | 379331   | 386740   | 2.29   | cps   |
| Terbium    | 159-1 | 9165768  | 9290172  | 9357708  | 9271216  | 1.05   | cps   |
| Terbium    | 159-2 | 4762278  | 4748640  | 4821005  | 4777308  | 0.80   | cps   |
| Thallium   | 203-1 | 4070240  | 4087538  | 4145813  | 4101197  | 0.97   | cps   |
| Thallium   | 205-1 | 10082824 | 10179295 | 10308761 | 10190293 | 1.11   | cps   |
| Thorium    | 232-1 | 3990     | 3979     | 3873     | 3947     | 1.63   | cps   |
| Tin        | 118-1 | 2765086  | 2810807  | 2802672  | 2792855  | 0.87   | cps   |
| Titanium   | 47-1  | 2233770  | 2244269  | 2233283  | 2237107  | 0.28   | cps   |
| Uranium    | 238-1 | 16575017 | 17113000 | 17074409 | 16920809 | 1.77   | cps   |
| Vanadium   | 51-2  | 733090   | 736780   | 741515   | 737128   | 0.57   | cps   |
| Yttrium    | 89-1  | 6058414  | 6125606  | 6158352  | 6114124  | 0.83   | cps   |
| Yttrium    | 89-2  | 925096   | 925097   | 938462   | 929552   | 0.83   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K3032-02            | Instrumnet Name : | P7        |
| Client Sample ID :      | S32-0657MS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 18:30:06 | DataFile Name :   | 092SMPL.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zinc      | 66-2 | 290110  | 289067  | 291698  | 290292  | 0.46   | cps   |
| Zirconium | 90-1 | 5920619 | 5957480 | 5957306 | 5945135 | 0.36   | cps   |
| Zirconium | 91-1 | 1282372 | 1275374 | 1290772 | 1282839 | 0.60   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K3032-03            | Instrumnet Name : | P7        |
| Client Sample ID :      | S32-0657MSD         | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 18:33:43 | DataFile Name :   | 093SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 669463   | 659650   | 658911   | 662675   | 0.89   | cps   |
| Antimony   | 121-1 | 3226845  | 3234521  | 3245051  | 3235472  | 0.28   | cps   |
| Arsenic    | 75-2  | 93707    | 92763    | 92135    | 92868    | 0.85   | cps   |
| Barium     | 135-1 | 4515061  | 4536103  | 4545543  | 4532236  | 0.34   | cps   |
| Barium     | 137-1 | 8114864  | 8145607  | 8187432  | 8149301  | 0.45   | cps   |
| Beryllium  | 9-1   | 679280   | 680527   | 672126   | 677311   | 0.67   | cps   |
| Bismuth    | 209-1 | 6081634  | 6145399  | 6176465  | 6134499  | 0.79   | cps   |
| Bismuth    | 209-2 | 3558376  | 3585099  | 3581532  | 3575002  | 0.41   | cps   |
| Boron      | 10-1  | 111894   | 111576   | 112861   | 112110   | 0.60   | cps   |
| Boron      | 11-1  | 497202   | 506532   | 503700   | 502478   | 0.95   | cps   |
| Cadmium    | 111-1 | 848580   | 849610   | 856905   | 851698   | 0.53   | cps   |
| Cadmium    | 106-1 | 98272    | 97543    | 101084   | 98966    | 1.89   | cps   |
| Cadmium    | 108-1 | 66292    | 67263    | 66217    | 66591    | 0.88   | cps   |
| Calcium    | 43-1  | 4459599  | 4418170  | 4489137  | 4455635  | 0.80   | cps   |
| Calcium    | 44-1  | 73647035 | 73487422 | 73382731 | 73505729 | 0.18   | cps   |
| Chromium   | 52-2  | 846421   | 840118   | 834280   | 840273   | 0.72   | cps   |
| Cobalt     | 59-2  | 1321447  | 1310593  | 1310074  | 1314038  | 0.49   | cps   |
| Copper     | 63-2  | 1777708  | 1753711  | 1756811  | 1762743  | 0.74   | cps   |
| Dysprosium | 156-1 | 100      | 217      | 200      | 172      | 36.64  | cps   |
| Dysprosium | 156-2 | 103      | 90       | 113      | 102      | 11.45  | cps   |
| Erbium     | 164-1 | 150      | 58       | 67       | 92       | 55.30  | cps   |
| Erbium     | 164-2 | 43       | 43       | 53       | 47       | 12.37  | cps   |
| Gadolinium | 160-1 | 108      | 158      | 58       | 108      | 46.15  | cps   |
| Gadolinium | 160-2 | 147      | 117      | 157      | 140      | 14.87  | cps   |
| Holmium    | 165-1 | 9146185  | 9307342  | 9356598  | 9270042  | 1.19   | cps   |
| Holmium    | 165-2 | 4875962  | 4832232  | 4863923  | 4857373  | 0.47   | cps   |
| Indium     | 115-1 | 5851709  | 5879352  | 5874515  | 5868525  | 0.25   | cps   |
| Indium     | 115-2 | 1209770  | 1198614  | 1199545  | 1202643  | 0.51   | cps   |
| Iron       | 56-2  | 38427790 | 37981277 | 37931836 | 38113634 | 0.72   | cps   |
| Iron       | 57-2  | 953335   | 937718   | 941495   | 944183   | 0.86   | cps   |
| Krypton    | 83-1  | 320      | 313      | 310      | 314      | 1.62   | cps   |
| Lead       | 206-1 | 3331643  | 3356973  | 3360340  | 3349652  | 0.47   | cps   |
| Lead       | 207-1 | 2998923  | 3006088  | 3010709  | 3005240  | 0.20   | cps   |
| Lead       | 208-1 | 13818824 | 13912056 | 13982492 | 13904457 | 0.59   | cps   |
| Lithium    | 6-1   | 2247225  | 2248443  | 2243192  | 2246287  | 0.12   | cps   |
| Magnesium  | 24-2  | 7226098  | 7122443  | 7083373  | 7143971  | 1.03   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K3032-03            | Instrumnet Name : | P7        |
| Client Sample ID :      | S32-0657MSD         | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 18:33:43 | DataFile Name :   | 093SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 1127219  | 1119705  | 1118993  | 1121973  | 0.41   | cps   |
| Molybdenum | 94-1  | 7279489  | 7283779  | 7294089  | 7285786  | 0.10   | cps   |
| Molybdenum | 95-1  | 8937186  | 9017845  | 9014324  | 8989785  | 0.51   | cps   |
| Molybdenum | 96-1  | 10007005 | 10043992 | 10079397 | 10043465 | 0.36   | cps   |
| Molybdenum | 97-1  | 5647625  | 5662339  | 5697362  | 5669108  | 0.45   | cps   |
| Molybdenum | 98-1  | 14457157 | 14471381 | 14579623 | 14502720 | 0.46   | cps   |
| Neodymium  | 150-1 | 587      | 600      | 587      | 591      | 1.30   | cps   |
| Neodymium  | 150-2 | 87       | 87       | 100      | 91       | 8.45   | cps   |
| Nickel     | 60-2  | 342044   | 336965   | 335656   | 338222   | 1.00   | cps   |
| Phosphorus | 31-2  | 75       | 42       | 83       | 67       | 33.07  | cps   |
| Potassium  | 39-2  | 4024602  | 3971180  | 3978814  | 3991532  | 0.72   | cps   |
| Rhodium    | 103-1 | 4829995  | 4831278  | 4890917  | 4850730  | 0.72   | cps   |
| Rhodium    | 103-2 | 2359141  | 2346462  | 2336662  | 2347421  | 0.48   | cps   |
| Scandium   | 45-1  | 3486080  | 3482697  | 3456737  | 3475171  | 0.46   | cps   |
| Scandium   | 45-2  | 150518   | 147960   | 148542   | 149007   | 0.90   | cps   |
| Selenium   | 77-2  | 2827     | 2687     | 2864     | 2793     | 3.34   | cps   |
| Selenium   | 78-2  | 9370     | 9275     | 9322     | 9322     | 0.51   | cps   |
| Selenium   | 82-1  | 59359    | 59479    | 60025    | 59621    | 0.60   | cps   |
| Silicon    | 28-1  | 12020270 | 12106729 | 12021966 | 12049655 | 0.41   | cps   |
| Silver     | 109-1 | 3588992  | 3602509  | 3613482  | 3601661  | 0.34   | cps   |
| Silver     | 107-1 | 3725810  | 3754718  | 3770312  | 3750280  | 0.60   | cps   |
| Sodium     | 23-2  | 28429165 | 28078626 | 27979529 | 28162440 | 0.84   | cps   |
| Strontium  | 86-1  | 1662632  | 1667424  | 1655544  | 1661867  | 0.36   | cps   |
| Strontium  | 88-1  | 14904630 | 14991161 | 14961195 | 14952329 | 0.29   | cps   |
| Sulfur     | 34-1  | 365826   | 360656   | 357024   | 361169   | 1.22   | cps   |
| Terbium    | 159-1 | 9372006  | 9420220  | 9481974  | 9424733  | 0.58   | cps   |
| Terbium    | 159-2 | 4717074  | 4702329  | 4702754  | 4707386  | 0.18   | cps   |
| Thallium   | 203-1 | 4076127  | 4134647  | 4136521  | 4115765  | 0.83   | cps   |
| Thallium   | 205-1 | 10166814 | 10298758 | 10281548 | 10249040 | 0.70   | cps   |
| Thorium    | 232-1 | 2311     | 2211     | 2239     | 2254     | 2.29   | cps   |
| Tin        | 118-1 | 2760382  | 2793908  | 2800706  | 2784999  | 0.78   | cps   |
| Titanium   | 47-1  | 2192978  | 2179237  | 2184171  | 2185462  | 0.32   | cps   |
| Uranium    | 238-1 | 16781405 | 17136409 | 17189763 | 17035859 | 1.30   | cps   |
| Vanadium   | 51-2  | 709059   | 699233   | 698797   | 702363   | 0.83   | cps   |
| Yttrium    | 89-1  | 6125930  | 6154771  | 6193988  | 6158230  | 0.55   | cps   |
| Yttrium    | 89-2  | 907193   | 902862   | 904425   | 904827   | 0.24   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K3032-03            | Instrumnet Name : | P7        |
| Client Sample ID :      | S32-0657MSD         | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 18:33:43 | DataFile Name :   | 093SMPL.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zinc      | 66-2 | 279987  | 278717  | 276262  | 278322  | 0.68   | cps   |
| Zirconium | 90-1 | 5875152 | 5905049 | 5919431 | 5899877 | 0.38   | cps   |
| Zirconium | 91-1 | 1270055 | 1270662 | 1273317 | 1271345 | 0.14   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K3032-01A           | Instrumnet Name : | P7        |
| Client Sample ID :      | S32-0657A           | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 18:37:19 | DataFile Name :   | 094SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 622654   | 620605   | 617242   | 620167   | 0.44   | cps   |
| Antimony   | 121-1 | 3165734  | 3116926  | 3159074  | 3147244  | 0.84   | cps   |
| Arsenic    | 75-2  | 88362    | 89059    | 87347    | 88256    | 0.98   | cps   |
| Barium     | 135-1 | 4398811  | 4382525  | 4437082  | 4406139  | 0.64   | cps   |
| Barium     | 137-1 | 7925361  | 7918081  | 8028208  | 7957217  | 0.77   | cps   |
| Beryllium  | 9-1   | 642955   | 632310   | 632910   | 636058   | 0.94   | cps   |
| Bismuth    | 209-1 | 5965003  | 5922861  | 6059851  | 5982572  | 1.17   | cps   |
| Bismuth    | 209-2 | 3516753  | 3531895  | 3517857  | 3522169  | 0.24   | cps   |
| Boron      | 10-1  | 106867   | 107766   | 106792   | 107142   | 0.51   | cps   |
| Boron      | 11-1  | 470105   | 473747   | 482432   | 475428   | 1.33   | cps   |
| Cadmium    | 111-1 | 829969   | 827700   | 832696   | 830122   | 0.30   | cps   |
| Cadmium    | 106-1 | 95914    | 96805    | 96788    | 96503    | 0.53   | cps   |
| Cadmium    | 108-1 | 64065    | 63600    | 64668    | 64111    | 0.83   | cps   |
| Calcium    | 43-1  | 4228574  | 4171472  | 4175227  | 4191757  | 0.76   | cps   |
| Calcium    | 44-1  | 70092262 | 69067614 | 69256056 | 69471977 | 0.79   | cps   |
| Chromium   | 52-2  | 804959   | 801614   | 796776   | 801116   | 0.51   | cps   |
| Cobalt     | 59-2  | 1264881  | 1266097  | 1250077  | 1260352  | 0.71   | cps   |
| Copper     | 63-2  | 1697722  | 1695168  | 1681091  | 1691327  | 0.53   | cps   |
| Dysprosium | 156-1 | 150      | 158      | 175      | 161      | 7.90   | cps   |
| Dysprosium | 156-2 | 117      | 110      | 113      | 113      | 2.94   | cps   |
| Erbium     | 164-1 | 75       | 100      | 108      | 94       | 18.37  | cps   |
| Erbium     | 164-2 | 43       | 60       | 40       | 48       | 22.43  | cps   |
| Gadolinium | 160-1 | 192      | 75       | 125      | 131      | 44.83  | cps   |
| Gadolinium | 160-2 | 147      | 160      | 170      | 159      | 7.37   | cps   |
| Holmium    | 165-1 | 8993521  | 9031288  | 9134609  | 9053139  | 0.81   | cps   |
| Holmium    | 165-2 | 4765842  | 4802111  | 4768680  | 4778878  | 0.42   | cps   |
| Indium     | 115-1 | 5657009  | 5632941  | 5704503  | 5664818  | 0.64   | cps   |
| Indium     | 115-2 | 1163716  | 1170233  | 1164102  | 1166017  | 0.31   | cps   |
| Iron       | 56-2  | 36656355 | 36618015 | 36303365 | 36525911 | 0.53   | cps   |
| Iron       | 57-2  | 907161   | 907256   | 895986   | 903468   | 0.72   | cps   |
| Krypton    | 83-1  | 243      | 247      | 240      | 243      | 1.37   | cps   |
| Lead       | 206-1 | 3307240  | 3304598  | 3330451  | 3314096  | 0.43   | cps   |
| Lead       | 207-1 | 2949395  | 2957268  | 3003993  | 2970219  | 0.99   | cps   |
| Lead       | 208-1 | 13679054 | 13692739 | 13891287 | 13754360 | 0.86   | cps   |
| Lithium    | 6-1   | 2078859  | 2052809  | 2060693  | 2064120  | 0.65   | cps   |
| Magnesium  | 24-2  | 6511105  | 6452774  | 6376208  | 6446696  | 1.05   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K3032-01A           | Instrumnet Name : | P7        |
| Client Sample ID :      | S32-0657A           | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 18:37:19 | DataFile Name :   | 094SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 1077570  | 1081185  | 1066063  | 1074939  | 0.73   | cps   |
| Molybdenum | 94-1  | 7068723  | 7001394  | 7106780  | 7058966  | 0.76   | cps   |
| Molybdenum | 95-1  | 8760997  | 8671285  | 8776783  | 8736355  | 0.65   | cps   |
| Molybdenum | 96-1  | 9761642  | 9657188  | 9788386  | 9735739  | 0.71   | cps   |
| Molybdenum | 97-1  | 5511362  | 5456190  | 5520873  | 5496142  | 0.64   | cps   |
| Molybdenum | 98-1  | 14144242 | 14005999 | 14090880 | 14080374 | 0.50   | cps   |
| Neodymium  | 150-1 | 500      | 500      | 587      | 529      | 9.46   | cps   |
| Neodymium  | 150-2 | 73       | 87       | 123      | 94       | 27.42  | cps   |
| Nickel     | 60-2  | 325266   | 325442   | 318837   | 323181   | 1.16   | cps   |
| Phosphorus | 31-2  | 100      | 83       | 100      | 94       | 10.19  | cps   |
| Potassium  | 39-2  | 3779599  | 3775001  | 3724787  | 3759796  | 0.81   | cps   |
| Rhodium    | 103-1 | 4697212  | 4619860  | 4704292  | 4673788  | 1.00   | cps   |
| Rhodium    | 103-2 | 2272796  | 2290224  | 2266170  | 2276397  | 0.55   | cps   |
| Scandium   | 45-1  | 3321961  | 3258190  | 3309971  | 3296707  | 1.03   | cps   |
| Scandium   | 45-2  | 140296   | 140290   | 139018   | 139868   | 0.53   | cps   |
| Selenium   | 77-2  | 2740     | 2534     | 2700     | 2658     | 4.12   | cps   |
| Selenium   | 78-2  | 9125     | 9057     | 8803     | 8995     | 1.89   | cps   |
| Selenium   | 82-1  | 58333    | 57345    | 57869    | 57849    | 0.85   | cps   |
| Silicon    | 28-1  | 11336485 | 11259358 | 11287811 | 11294551 | 0.35   | cps   |
| Silver     | 109-1 | 3527774  | 3472360  | 3519952  | 3506695  | 0.86   | cps   |
| Silver     | 107-1 | 3651018  | 3635825  | 3657214  | 3648019  | 0.30   | cps   |
| Sodium     | 23-2  | 26632503 | 26429959 | 26104197 | 26388887 | 1.01   | cps   |
| Strontium  | 86-1  | 1611501  | 1600693  | 1598482  | 1603559  | 0.43   | cps   |
| Strontium  | 88-1  | 14506182 | 14397777 | 14499013 | 14467657 | 0.42   | cps   |
| Sulfur     | 34-1  | 337900   | 337122   | 333733   | 336252   | 0.66   | cps   |
| Terbium    | 159-1 | 9139355  | 9124422  | 9281215  | 9181664  | 0.94   | cps   |
| Terbium    | 159-2 | 4625155  | 4620053  | 4590983  | 4612064  | 0.40   | cps   |
| Thallium   | 203-1 | 4031071  | 4041384  | 4103419  | 4058625  | 0.96   | cps   |
| Thallium   | 205-1 | 10080348 | 10108269 | 10211519 | 10133379 | 0.68   | cps   |
| Thorium    | 232-1 | 2084     | 2222     | 2373     | 2226     | 6.49   | cps   |
| Tin        | 118-1 | 2719892  | 2699102  | 2719372  | 2712788  | 0.44   | cps   |
| Titanium   | 47-1  | 2098093  | 2064074  | 2084140  | 2082102  | 0.82   | cps   |
| Uranium    | 238-1 | 16821393 | 16917237 | 17137713 | 16958781 | 0.96   | cps   |
| Vanadium   | 51-2  | 674535   | 670900   | 665348   | 670261   | 0.69   | cps   |
| Yttrium    | 89-1  | 5923879  | 5886909  | 5963748  | 5924845  | 0.65   | cps   |
| Yttrium    | 89-2  | 875265   | 876102   | 866592   | 872653   | 0.60   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K3032-01A           | Instrumnet Name : | P7        |
| Client Sample ID :      | S32-0657A           | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 18:37:19 | DataFile Name :   | 094SMPL.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zinc      | 66-2 | 266718  | 266548  | 264549  | 265939  | 0.45   | cps   |
| Zirconium | 90-1 | 5737626 | 5650841 | 5747342 | 5711936 | 0.93   | cps   |
| Zirconium | 91-1 | 1230421 | 1220577 | 1236367 | 1229122 | 0.65   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K3032-04            | Instrumnet Name : | P7        |
| Client Sample ID :      | S32-0652            | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 18:40:56 | DataFile Name :   | 095SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 817      | 792      | 1000     | 870      | 13.09  | cps   |
| Antimony   | 121-1 | 6577     | 6744     | 6960     | 6760     | 2.84   | cps   |
| Arsenic    | 75-2  | 3367     | 3321     | 3586     | 3425     | 4.13   | cps   |
| Barium     | 135-1 | 52174    | 51278    | 50827    | 51426    | 1.33   | cps   |
| Barium     | 137-1 | 89942    | 88942    | 89043    | 89309    | 0.62   | cps   |
| Beryllium  | 9-1   | 300      | 267      | 197      | 254      | 20.73  | cps   |
| Bismuth    | 209-1 | 6231343  | 6233305  | 6283826  | 6249491  | 0.48   | cps   |
| Bismuth    | 209-2 | 3698355  | 3622026  | 3697350  | 3672577  | 1.19   | cps   |
| Boron      | 10-1  | 15141    | 14858    | 14307    | 14769    | 2.87   | cps   |
| Boron      | 11-1  | 66672    | 64506    | 65776    | 65651    | 1.66   | cps   |
| Cadmium    | 111-1 | 1933     | 1863     | 1615     | 1804     | 9.25   | cps   |
| Cadmium    | 106-1 | 2375     | 2375     | 2067     | 2273     | 7.84   | cps   |
| Cadmium    | 108-1 | 25       | 29       | 33       | 29       | 14.28  | cps   |
| Calcium    | 43-1  | 879727   | 883487   | 870997   | 878070   | 0.73   | cps   |
| Calcium    | 44-1  | 14737880 | 14620987 | 14594422 | 14651096 | 0.52   | cps   |
| Chromium   | 52-2  | 1717     | 1713     | 1790     | 1740     | 2.49   | cps   |
| Cobalt     | 59-2  | 1020     | 1157     | 1070     | 1082     | 6.39   | cps   |
| Copper     | 63-2  | 5775     | 5868     | 5815     | 5819     | 0.81   | cps   |
| Dysprosium | 156-1 | 100      | 100      | 50       | 83       | 34.65  | cps   |
| Dysprosium | 156-2 | 57       | 33       | 47       | 46       | 25.70  | cps   |
| Erbium     | 164-1 | 125      | 92       | 67       | 94       | 30.99  | cps   |
| Erbium     | 164-2 | 67       | 77       | 60       | 68       | 12.38  | cps   |
| Gadolinium | 160-1 | 108      | 158      | 75       | 114      | 36.83  | cps   |
| Gadolinium | 160-2 | 173      | 143      | 170      | 162      | 10.13  | cps   |
| Holmium    | 165-1 | 9020282  | 9078379  | 9131719  | 9076793  | 0.61   | cps   |
| Holmium    | 165-2 | 4801002  | 4714042  | 4823344  | 4779463  | 1.21   | cps   |
| Indium     | 115-1 | 5827121  | 5833662  | 5842749  | 5834511  | 0.13   | cps   |
| Indium     | 115-2 | 1214337  | 1183772  | 1214140  | 1204083  | 1.46   | cps   |
| Iron       | 56-2  | 781503   | 765118   | 775010   | 773877   | 1.07   | cps   |
| Iron       | 57-2  | 23319    | 23074    | 24165    | 23519    | 2.43   | cps   |
| Krypton    | 83-1  | 230      | 203      | 237      | 223      | 7.90   | cps   |
| Lead       | 206-1 | 1972     | 1828     | 1822     | 1874     | 4.54   | cps   |
| Lead       | 207-1 | 1978     | 1817     | 1600     | 1798     | 10.54  | cps   |
| Lead       | 208-1 | 8518     | 7740     | 7218     | 7825     | 8.36   | cps   |
| Lithium    | 6-1   | 1986584  | 1984573  | 1973785  | 1981647  | 0.35   | cps   |
| Magnesium  | 24-2  | 2396402  | 2323447  | 2357968  | 2359272  | 1.55   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K3032-04            | Instrumnet Name : | P7        |
| Client Sample ID :      | S32-0652            | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 18:40:56 | DataFile Name :   | 095SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 809953   | 791488   | 803811   | 801750   | 1.17   | cps   |
| Molybdenum | 94-1  | 23520    | 22610    | 22969    | 23033    | 1.99   | cps   |
| Molybdenum | 95-1  | 39965    | 40634    | 38720    | 39773    | 2.44   | cps   |
| Molybdenum | 96-1  | 42572    | 41536    | 42447    | 42185    | 1.34   | cps   |
| Molybdenum | 97-1  | 25741    | 25348    | 24413    | 25167    | 2.71   | cps   |
| Molybdenum | 98-1  | 65275    | 64522    | 62571    | 64123    | 2.18   | cps   |
| Neodymium  | 150-1 | 80       | 113      | 113      | 102      | 18.83  | cps   |
| Neodymium  | 150-2 | 47       | 30       | 40       | 39       | 21.57  | cps   |
| Nickel     | 60-2  | 427      | 427      | 563      | 472      | 16.71  | cps   |
| Phosphorus | 31-2  | 183      | 217      | 183      | 194      | 9.90   | cps   |
| Potassium  | 39-2  | 1361872  | 1329511  | 1342281  | 1344554  | 1.21   | cps   |
| Rhodium    | 103-1 | 4865169  | 4844314  | 4825430  | 4844971  | 0.41   | cps   |
| Rhodium    | 103-2 | 2345582  | 2301439  | 2354539  | 2333853  | 1.22   | cps   |
| Scandium   | 45-1  | 3248781  | 3229048  | 3213501  | 3230443  | 0.55   | cps   |
| Scandium   | 45-2  | 138058   | 137546   | 138718   | 138108   | 0.43   | cps   |
| Selenium   | 77-2  | 13       | 13       | 3        | 10       | 57.75  | cps   |
| Selenium   | 78-2  | 44       | 46       | 20       | 37       | 39.05  | cps   |
| Selenium   | 82-1  | 232      | 275      | 280      | 262      | 10.12  | cps   |
| Silicon    | 28-1  | 16944099 | 16836340 | 16791714 | 16857384 | 0.46   | cps   |
| Silver     | 109-1 | 1709     | 1558     | 1383     | 1550     | 10.49  | cps   |
| Silver     | 107-1 | 1784     | 1475     | 1375     | 1545     | 13.78  | cps   |
| Sodium     | 23-2  | 15201890 | 14829462 | 14938732 | 14990028 | 1.28   | cps   |
| Strontium  | 86-1  | 794048   | 787239   | 784616   | 788634   | 0.62   | cps   |
| Strontium  | 88-1  | 7129077  | 7134218  | 7156376  | 7139891  | 0.20   | cps   |
| Sulfur     | 34-1  | 662957   | 661165   | 657631   | 660585   | 0.41   | cps   |
| Terbium    | 159-1 | 9187247  | 9289303  | 9307674  | 9261408  | 0.70   | cps   |
| Terbium    | 159-2 | 4637890  | 4552884  | 4683982  | 4624919  | 1.44   | cps   |
| Thallium   | 203-1 | 1508     | 1275     | 892      | 1225     | 25.42  | cps   |
| Thallium   | 205-1 | 4059     | 3092     | 2684     | 3278     | 21.55  | cps   |
| Thorium    | 232-1 | 317      | 322      | 378      | 339      | 9.97   | cps   |
| Tin        | 118-1 | 11839    | 11730    | 11021    | 11530    | 3.85   | cps   |
| Titanium   | 47-1  | 1550     | 1684     | 1725     | 1653     | 5.53   | cps   |
| Uranium    | 238-1 | 97832    | 96548    | 95523    | 96634    | 1.20   | cps   |
| Vanadium   | 51-2  | 907      | 840      | 953      | 900      | 6.33   | cps   |
| Yttrium    | 89-1  | 5913242  | 5935075  | 5930044  | 5926121  | 0.19   | cps   |
| Yttrium    | 89-2  | 875775   | 856417   | 874737   | 868976   | 1.25   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K3032-04            | Instrumnet Name : | P7        |
| Client Sample ID :      | S32-0652            | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 18:40:56 | DataFile Name :   | 095SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zinc      | 66-2 | 1843 | 1890 | 1830 | 1855    | 1.70   | cps   |
| Zirconium | 90-1 | 2075 | 1934 | 1483 | 1831    | 16.88  | cps   |
| Zirconium | 91-1 | 517  | 392  | 342  | 417     | 21.63  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K3032-05            | Instrumnet Name : | P7        |
| Client Sample ID :      | S32-0653            | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 18:44:32 | DataFile Name :   | 096SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 733      | 733      | 783      | 750      | 3.85   | cps   |
| Antimony   | 121-1 | 5601     | 5760     | 5476     | 5612     | 2.53   | cps   |
| Arsenic    | 75-2  | 3319     | 3267     | 3271     | 3286     | 0.88   | cps   |
| Barium     | 135-1 | 50325    | 50777    | 49841    | 50314    | 0.93   | cps   |
| Barium     | 137-1 | 89647    | 87994    | 88430    | 88690    | 0.97   | cps   |
| Beryllium  | 9-1   | 157      | 183      | 197      | 179      | 11.39  | cps   |
| Bismuth    | 209-1 | 6120282  | 6111182  | 6140944  | 6124136  | 0.25   | cps   |
| Bismuth    | 209-2 | 3634196  | 3705040  | 3675023  | 3671420  | 0.97   | cps   |
| Boron      | 10-1  | 12047    | 11947    | 11930    | 11975    | 0.53   | cps   |
| Boron      | 11-1  | 54441    | 54934    | 54700    | 54691    | 0.45   | cps   |
| Cadmium    | 111-1 | 1495     | 1446     | 1416     | 1453     | 2.72   | cps   |
| Cadmium    | 106-1 | 2084     | 1984     | 1917     | 1995     | 4.21   | cps   |
| Cadmium    | 108-1 | 38       | 13       | 13       | 21       | 69.28  | cps   |
| Calcium    | 43-1  | 856340   | 850417   | 842421   | 849726   | 0.82   | cps   |
| Calcium    | 44-1  | 14284523 | 14255981 | 14212536 | 14251013 | 0.25   | cps   |
| Chromium   | 52-2  | 1747     | 1797     | 1693     | 1746     | 2.96   | cps   |
| Cobalt     | 59-2  | 933      | 967      | 897      | 932      | 3.76   | cps   |
| Copper     | 63-2  | 5231     | 5398     | 5258     | 5295     | 1.69   | cps   |
| Dysprosium | 156-1 | 150      | 125      | 92       | 122      | 23.95  | cps   |
| Dysprosium | 156-2 | 60       | 60       | 30       | 50       | 34.64  | cps   |
| Erbium     | 164-1 | 108      | 125      | 200      | 144      | 33.80  | cps   |
| Erbium     | 164-2 | 63       | 53       | 80       | 66       | 20.55  | cps   |
| Gadolinium | 160-1 | 58       | 108      | 100      | 89       | 30.13  | cps   |
| Gadolinium | 160-2 | 160      | 153      | 130      | 148      | 10.66  | cps   |
| Holmium    | 165-1 | 8898087  | 8941465  | 8970647  | 8936733  | 0.41   | cps   |
| Holmium    | 165-2 | 4724286  | 4833713  | 4790707  | 4782902  | 1.15   | cps   |
| Indium     | 115-1 | 5664008  | 5683075  | 5697424  | 5681502  | 0.30   | cps   |
| Indium     | 115-2 | 1183109  | 1189729  | 1196076  | 1189638  | 0.55   | cps   |
| Iron       | 56-2  | 747923   | 743013   | 743018   | 744651   | 0.38   | cps   |
| Iron       | 57-2  | 23074    | 23235    | 23848    | 23386    | 1.75   | cps   |
| Krypton    | 83-1  | 253      | 167      | 240      | 220      | 21.21  | cps   |
| Lead       | 206-1 | 1322     | 1233     | 1272     | 1276     | 3.49   | cps   |
| Lead       | 207-1 | 1211     | 1106     | 1017     | 1111     | 8.76   | cps   |
| Lead       | 208-1 | 5301     | 4917     | 4934     | 5051     | 4.29   | cps   |
| Lithium    | 6-1   | 1872190  | 1865015  | 1853092  | 1863432  | 0.52   | cps   |
| Magnesium  | 24-2  | 2308701  | 2310567  | 2312397  | 2310555  | 0.08   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K3032-05            | Instrumnet Name : | P7        |
| Client Sample ID :      | S32-0653            | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 18:44:32 | DataFile Name :   | 096SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 792677   | 797824   | 794736   | 795079   | 0.33   | cps   |
| Molybdenum | 94-1  | 21792    | 22176    | 21776    | 21915    | 1.03   | cps   |
| Molybdenum | 95-1  | 37375    | 36807    | 36782    | 36988    | 0.91   | cps   |
| Molybdenum | 96-1  | 39923    | 41077    | 40500    | 40500    | 1.42   | cps   |
| Molybdenum | 97-1  | 22761    | 23061    | 24171    | 23331    | 3.18   | cps   |
| Molybdenum | 98-1  | 60161    | 60572    | 60872    | 60535    | 0.59   | cps   |
| Neodymium  | 150-1 | 133      | 160      | 113      | 136      | 17.27  | cps   |
| Neodymium  | 150-2 | 37       | 43       | 73       | 51       | 38.22  | cps   |
| Nickel     | 60-2  | 400      | 460      | 493      | 451      | 10.49  | cps   |
| Phosphorus | 31-2  | 233      | 150      | 258      | 214      | 26.52  | cps   |
| Potassium  | 39-2  | 1323349  | 1326296  | 1325370  | 1325005  | 0.11   | cps   |
| Rhodium    | 103-1 | 4707278  | 4676855  | 4689793  | 4691309  | 0.33   | cps   |
| Rhodium    | 103-2 | 2291347  | 2304707  | 2295742  | 2297266  | 0.30   | cps   |
| Scandium   | 45-1  | 3114597  | 3104108  | 3099845  | 3106183  | 0.24   | cps   |
| Scandium   | 45-2  | 133690   | 134642   | 134655   | 134329   | 0.41   | cps   |
| Selenium   | 77-2  | 10       | 23       | 17       | 17       | 39.99  | cps   |
| Selenium   | 78-2  | 37       | 17       | 19       | 24       | 46.79  | cps   |
| Selenium   | 82-1  | 203      | 266      | 237      | 235      | 13.42  | cps   |
| Silicon    | 28-1  | 16280461 | 16227559 | 16114995 | 16207672 | 0.52   | cps   |
| Silver     | 109-1 | 858      | 1100     | 983      | 981      | 12.33  | cps   |
| Silver     | 107-1 | 975      | 1067     | 1133     | 1058     | 7.51   | cps   |
| Sodium     | 23-2  | 14803506 | 14703168 | 14710172 | 14738949 | 0.38   | cps   |
| Strontium  | 86-1  | 778323   | 768829   | 762265   | 769806   | 1.05   | cps   |
| Strontium  | 88-1  | 6993084  | 6995454  | 6969500  | 6986012  | 0.21   | cps   |
| Sulfur     | 34-1  | 648589   | 641486   | 641376   | 643817   | 0.64   | cps   |
| Terbium    | 159-1 | 9064015  | 9023247  | 9118168  | 9068477  | 0.53   | cps   |
| Terbium    | 159-2 | 4595437  | 4648416  | 4609263  | 4617705  | 0.60   | cps   |
| Thallium   | 203-1 | 358      | 425      | 300      | 361      | 17.32  | cps   |
| Thallium   | 205-1 | 917      | 1042     | 900      | 953      | 8.13   | cps   |
| Thorium    | 232-1 | 372      | 306      | 361      | 346      | 10.31  | cps   |
| Tin        | 118-1 | 7361     | 7461     | 7627     | 7483     | 1.80   | cps   |
| Titanium   | 47-1  | 1333     | 1275     | 1242     | 1283     | 3.62   | cps   |
| Uranium    | 238-1 | 95405    | 96758    | 96338    | 96167    | 0.72   | cps   |
| Vanadium   | 51-2  | 827      | 913      | 897      | 879      | 5.23   | cps   |
| Yttrium    | 89-1  | 5742529  | 5727365  | 5742214  | 5737369  | 0.15   | cps   |
| Yttrium    | 89-2  | 850596   | 858631   | 852080   | 853769   | 0.50   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K3032-05            | Instrumnet Name : | P7        |
| Client Sample ID :      | S32-0653            | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 18:44:32 | DataFile Name :   | 096SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zinc      | 66-2 | 1717 | 1803 | 1670 | 1730    | 3.91   | cps   |
| Zirconium | 90-1 | 1075 | 908  | 1092 | 1025    | 9.89   | cps   |
| Zirconium | 91-1 | 333  | 242  | 167  | 247     | 33.76  | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB103076            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV24               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV24               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2019-05-29 18:48:09 | DataFile Name :   | 097CCV.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 3215184   | 3207237   | 3220118   | 3214180   | 0.20   | cps   |
| Antimony   | 121-1 | 2937111   | 2971248   | 2967458   | 2958606   | 0.63   | cps   |
| Arsenic    | 75-2  | 99877     | 99304     | 99791     | 99657     | 0.31   | cps   |
| Barium     | 135-1 | 4232949   | 4263930   | 4228266   | 4241715   | 0.46   | cps   |
| Barium     | 137-1 | 7653060   | 7695286   | 7635021   | 7661122   | 0.40   | cps   |
| Beryllium  | 9-1   | 645897    | 652225    | 655130    | 651084    | 0.73   | cps   |
| Bismuth    | 209-1 | 6010677   | 6002974   | 6000676   | 6004776   | 0.09   | cps   |
| Bismuth    | 209-2 | 3715756   | 3713152   | 3724165   | 3717691   | 0.15   | cps   |
| Boron      | 10-1  | 101239    | 103419    | 105677    | 103445    | 2.15   | cps   |
| Boron      | 11-1  | 446518    | 455652    | 466677    | 456282    | 2.21   | cps   |
| Cadmium    | 111-1 | 860428    | 868497    | 859558    | 862827    | 0.57   | cps   |
| Cadmium    | 106-1 | 98247     | 98952     | 98608     | 98603     | 0.36   | cps   |
| Cadmium    | 108-1 | 66966     | 65380     | 66200     | 66182     | 1.20   | cps   |
| Calcium    | 43-1  | 4471927   | 4540915   | 4458718   | 4490520   | 0.98   | cps   |
| Calcium    | 44-1  | 73120302  | 74037960  | 74294085  | 73817449  | 0.84   | cps   |
| Chromium   | 52-2  | 861103    | 857810    | 861280    | 860064    | 0.23   | cps   |
| Cobalt     | 59-2  | 1315604   | 1312946   | 1324485   | 1317678   | 0.46   | cps   |
| Copper     | 63-2  | 1884286   | 1879628   | 1887378   | 1883764   | 0.21   | cps   |
| Dysprosium | 156-1 | 75        | 83        | 108       | 89        | 19.52  | cps   |
| Dysprosium | 156-2 | 107       | 87        | 103       | 99        | 10.84  | cps   |
| Erbium     | 164-1 | 17        | 67        | 83        | 56        | 62.45  | cps   |
| Erbium     | 164-2 | 30        | 17        | 23        | 23        | 28.56  | cps   |
| Gadolinium | 160-1 | 92        | 50        | 100       | 81        | 33.25  | cps   |
| Gadolinium | 160-2 | 187       | 140       | 180       | 169       | 14.95  | cps   |
| Holmium    | 165-1 | 9340800   | 9395253   | 9339533   | 9358529   | 0.34   | cps   |
| Holmium    | 165-2 | 5205915   | 5235207   | 5223402   | 5221508   | 0.28   | cps   |
| Indium     | 115-1 | 5805684   | 5860427   | 5791556   | 5819222   | 0.63   | cps   |
| Indium     | 115-2 | 1281163   | 1288324   | 1290195   | 1286561   | 0.37   | cps   |
| Iron       | 56-2  | 185605565 | 185167210 | 184615976 | 185129584 | 0.27   | cps   |
| Iron       | 57-2  | 4520403   | 4486024   | 4527562   | 4511330   | 0.49   | cps   |
| Krypton    | 83-1  | 177       | 253       | 220       | 217       | 17.74  | cps   |
| Lead       | 206-1 | 3111152   | 3161835   | 3117898   | 3130295   | 0.88   | cps   |
| Lead       | 207-1 | 2864892   | 2910801   | 2897156   | 2890950   | 0.82   | cps   |
| Lead       | 208-1 | 13145900  | 13269443  | 13173745  | 13196363  | 0.49   | cps   |
| Lithium    | 6-1   | 1865153   | 1894935   | 1899941   | 1886676   | 1.00   | cps   |
| Magnesium  | 24-2  | 33588409  | 33389947  | 33500886  | 33493081  | 0.30   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB103076            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV24               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV24               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2019-05-29 18:48:09 | DataFile Name :   | 097CCV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 1116695  | 1114134  | 1115596  | 1115475  | 0.12   | cps   |
| Molybdenum | 94-1  | 6480591  | 6540977  | 6543243  | 6521604  | 0.54   | cps   |
| Molybdenum | 95-1  | 7804739  | 7923985  | 7906211  | 7878312  | 0.82   | cps   |
| Molybdenum | 96-1  | 8710474  | 8860067  | 8814316  | 8794953  | 0.87   | cps   |
| Molybdenum | 97-1  | 4731581  | 4776145  | 4751065  | 4752930  | 0.47   | cps   |
| Molybdenum | 98-1  | 12628741 | 12748720 | 12776509 | 12717990 | 0.62   | cps   |
| Neodymium  | 150-1 | 447      | 453      | 507      | 469      | 7.01   | cps   |
| Neodymium  | 150-2 | 63       | 53       | 103      | 73       | 36.09  | cps   |
| Nickel     | 60-2  | 323629   | 322013   | 323846   | 323163   | 0.31   | cps   |
| Phosphorus | 31-2  | 30949    | 30123    | 29463    | 30179    | 2.47   | cps   |
| Potassium  | 39-2  | 17538949 | 17486608 | 17479527 | 17501695 | 0.19   | cps   |
| Rhodium    | 103-1 | 4734648  | 4752581  | 4763422  | 4750217  | 0.31   | cps   |
| Rhodium    | 103-2 | 2398094  | 2419185  | 2418549  | 2411943  | 0.50   | cps   |
| Scandium   | 45-1  | 3493319  | 3508034  | 3520831  | 3507395  | 0.39   | cps   |
| Scandium   | 45-2  | 162389   | 160798   | 162102   | 161763   | 0.52   | cps   |
| Selenium   | 77-2  | 2927     | 2987     | 2714     | 2876     | 5.00   | cps   |
| Selenium   | 78-2  | 9966     | 9965     | 10054    | 9995     | 0.51   | cps   |
| Selenium   | 82-1  | 58767    | 59261    | 59287    | 59105    | 0.50   | cps   |
| Silicon    | 28-1  | 1998750  | 2047049  | 2033991  | 2026597  | 1.23   | cps   |
| Silver     | 109-1 | 3677662  | 3682778  | 3678026  | 3679489  | 0.08   | cps   |
| Silver     | 107-1 | 3827220  | 3827688  | 3820986  | 3825298  | 0.10   | cps   |
| Sodium     | 23-2  | 65151364 | 64686712 | 64887451 | 64908509 | 0.36   | cps   |
| Strontium  | 86-1  | 998910   | 1015036  | 1009356  | 1007767  | 0.81   | cps   |
| Strontium  | 88-1  | 9050985  | 9122007  | 9173495  | 9115496  | 0.67   | cps   |
| Sulfur     | 34-1  | 504657   | 512268   | 511394   | 509440   | 0.82   | cps   |
| Terbium    | 159-1 | 9502158  | 9570055  | 9483913  | 9518709  | 0.48   | cps   |
| Terbium    | 159-2 | 5019993  | 5042111  | 5051883  | 5037996  | 0.32   | cps   |
| Thallium   | 203-1 | 3850857  | 3887439  | 3855045  | 3864447  | 0.52   | cps   |
| Thallium   | 205-1 | 9613113  | 9770799  | 9662880  | 9682264  | 0.83   | cps   |
| Thorium    | 232-1 | 16647701 | 16694571 | 16641802 | 16661358 | 0.17   | cps   |
| Tin        | 118-1 | 2635179  | 2654693  | 2636725  | 2642199  | 0.41   | cps   |
| Titanium   | 47-1  | 2030356  | 2056391  | 2042523  | 2043090  | 0.64   | cps   |
| Uranium    | 238-1 | 16306943 | 16495195 | 16307694 | 16369944 | 0.66   | cps   |
| Vanadium   | 51-2  | 717231   | 713828   | 712396   | 714485   | 0.35   | cps   |
| Yttrium    | 89-1  | 6131040  | 6194822  | 6170672  | 6165511  | 0.52   | cps   |
| Yttrium    | 89-2  | 968549   | 974502   | 977448   | 973500   | 0.47   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB103076            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV24               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV24               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2019-05-29 18:48:09 | DataFile Name :   | 097CCV.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zinc      | 66-2 | 321794  | 322833  | 321995  | 322207  | 0.17   | cps   |
| Zirconium | 90-1 | 5518970 | 5599011 | 5545207 | 5554396 | 0.73   | cps   |
| Zirconium | 91-1 | 1182387 | 1191535 | 1190720 | 1188214 | 0.43   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB24               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB24               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 18:51:47 | DataFile Name :   | 098CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 200     | 175     | 200     | 192     | 7.53   | cps   |
| Antimony   | 121-1 | 2684    | 2792    | 2775    | 2750    | 2.12   | cps   |
| Arsenic    | 75-2  | 19      | 19      | 20      | 19      | 5.58   | cps   |
| Barium     | 135-1 | 542     | 333     | 292     | 389     | 34.44  | cps   |
| Barium     | 137-1 | 692     | 742     | 475     | 636     | 22.28  | cps   |
| Beryllium  | 9-1   | 223     | 223     | 267     | 238     | 10.52  | cps   |
| Bismuth    | 209-1 | 6575536 | 6573446 | 6581111 | 6576698 | 0.06   | cps   |
| Bismuth    | 209-2 | 4112365 | 4130681 | 4128580 | 4123875 | 0.24   | cps   |
| Boron      | 10-1  | 4076    | 3792    | 3367    | 3745    | 9.52   | cps   |
| Boron      | 11-1  | 17761   | 16176   | 15116   | 16351   | 8.14   | cps   |
| Cadmium    | 111-1 | 1906    | 1679    | 1882    | 1822    | 6.84   | cps   |
| Cadmium    | 106-1 | 2542    | 2259    | 2567    | 2456    | 6.98   | cps   |
| Cadmium    | 108-1 | 4       | 21      | 33      | 19      | 75.24  | cps   |
| Calcium    | 43-1  | 508     | 358     | 492     | 453     | 18.16  | cps   |
| Calcium    | 44-1  | 11847   | 11213   | 10638   | 11233   | 5.39   | cps   |
| Chromium   | 52-2  | 467     | 420     | 500     | 462     | 8.69   | cps   |
| Cobalt     | 59-2  | 113     | 97      | 127     | 112     | 13.39  | cps   |
| Copper     | 63-2  | 1107    | 1077    | 1053    | 1079    | 2.48   | cps   |
| Dysprosium | 156-1 | 8       | 8       | 0       | 6       | 86.60  | cps   |
| Dysprosium | 156-2 | 10      | 10      | 10      | 10      | 0.00   | cps   |
| Erbium     | 164-1 | 33      | 42      | 17      | 31      | 41.66  | cps   |
| Erbium     | 164-2 | 7       | 13      | 10      | 10      | 33.30  | cps   |
| Gadolinium | 160-1 | 25      | 0       | 25      | 17      | 86.60  | cps   |
| Gadolinium | 160-2 | 130     | 140     | 137     | 136     | 3.76   | cps   |
| Holmium    | 165-1 | 9369569 | 9336467 | 9291275 | 9332437 | 0.42   | cps   |
| Holmium    | 165-2 | 5166186 | 5214949 | 5394371 | 5258502 | 2.29   | cps   |
| Indium     | 115-1 | 6273923 | 6266445 | 6274722 | 6271697 | 0.07   | cps   |
| Indium     | 115-2 | 1382503 | 1388972 | 1397277 | 1389584 | 0.53   | cps   |
| Iron       | 56-2  | 12800   | 11994   | 10999   | 11931   | 7.56   | cps   |
| Iron       | 57-2  | 389     | 272     | 333     | 331     | 17.60  | cps   |
| Krypton    | 83-1  | 200     | 247     | 213     | 220     | 10.93  | cps   |
| Lead       | 206-1 | 1222    | 1145    | 961     | 1109    | 12.09  | cps   |
| Lead       | 207-1 | 1045    | 850     | 1033    | 976     | 11.19  | cps   |
| Lead       | 208-1 | 4600    | 4389    | 4195    | 4395    | 4.62   | cps   |
| Lithium    | 6-1   | 1986893 | 1985324 | 1982408 | 1984875 | 0.11   | cps   |
| Magnesium  | 24-2  | 1792    | 1558    | 1583    | 1645    | 7.79   | cps   |



LB Number : LB103076 Operator : Jaswal  
 Lab Sample ID : CCB24 Instrumnet Name : P7  
 Client Sample ID : CCB24 Dilution Factor : 1  
 Date & Time Acquired :: 2019-05-29 18:51:47 DataFile Name : 098CCBE.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Manganese  | 55-2  | 97      | 103     | 90      | 97      | 6.90   | cps   |
| Molybdenum | 94-1  | 1900    | 1450    | 1367    | 1572    | 18.25  | cps   |
| Molybdenum | 95-1  | 2150    | 1950    | 1650    | 1917    | 13.13  | cps   |
| Molybdenum | 96-1  | 2542    | 2109    | 1867    | 2173    | 15.75  | cps   |
| Molybdenum | 97-1  | 1275    | 1283    | 1008    | 1189    | 13.16  | cps   |
| Molybdenum | 98-1  | 3751    | 2867    | 2809    | 3142    | 16.80  | cps   |
| Neodymium  | 150-1 | 0       | 7       | 0       | 2       | 173.21 | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 60      | 77      | 43      | 60      | 27.78  | cps   |
| Phosphorus | 31-2  | 75      | 75      | 58      | 69      | 13.85  | cps   |
| Potassium  | 39-2  | 11580   | 11530   | 11138   | 11416   | 2.12   | cps   |
| Rhodium    | 103-1 | 5535555 | 5559335 | 5535131 | 5543340 | 0.25   | cps   |
| Rhodium    | 103-2 | 2692950 | 2704701 | 2716703 | 2704785 | 0.44   | cps   |
| Scandium   | 45-1  | 3648932 | 3636640 | 3635212 | 3640262 | 0.21   | cps   |
| Scandium   | 45-2  | 166877  | 164835  | 166046  | 165919  | 0.62   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 41      | 33      | 61      | 45      | 31.92  | cps   |
| Selenium   | 82-1  | 146     | 147     | 150     | 148     | 1.54   | cps   |
| Silicon    | 28-1  | 130003  | 128650  | 129237  | 129297  | 0.52   | cps   |
| Silver     | 109-1 | 883     | 817     | 817     | 839     | 4.59   | cps   |
| Silver     | 107-1 | 950     | 875     | 900     | 908     | 4.20   | cps   |
| Sodium     | 23-2  | 18120   | 17019   | 16985   | 17374   | 3.72   | cps   |
| Strontium  | 86-1  | 383     | 375     | 400     | 386     | 3.30   | cps   |
| Strontium  | 88-1  | 1367    | 892     | 825     | 1028    | 28.74  | cps   |
| Sulfur     | 34-1  | 197779  | 192892  | 195493  | 195388  | 1.25   | cps   |
| Terbium    | 159-1 | 9508582 | 9521447 | 9565170 | 9531733 | 0.31   | cps   |
| Terbium    | 159-2 | 5053660 | 5059824 | 5108895 | 5074127 | 0.60   | cps   |
| Thallium   | 203-1 | 917     | 892     | 1017    | 942     | 7.02   | cps   |
| Thallium   | 205-1 | 2559    | 2217    | 1934    | 2236    | 14.00  | cps   |
| Thorium    | 232-1 | 3412    | 3012    | 2645    | 3023    | 12.69  | cps   |
| Tin        | 118-1 | 950     | 1125    | 1192    | 1089    | 11.46  | cps   |
| Titanium   | 47-1  | 275     | 258     | 233     | 256     | 8.20   | cps   |
| Uranium    | 238-1 | 1517    | 1350    | 1158    | 1342    | 13.37  | cps   |
| Vanadium   | 51-2  | 57      | 47      | 33      | 46      | 25.70  | cps   |
| Yttrium    | 89-1  | 6340287 | 6337452 | 6384052 | 6353930 | 0.41   | cps   |
| Yttrium    | 89-2  | 997737  | 1001786 | 1002759 | 1000761 | 0.27   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB24               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB24               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 18:51:47 | DataFile Name :   | 098CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zinc      | 66-2 | 427  | 437  | 457  | 440     | 3.47   | cps   |
| Zirconium | 90-1 | 1200 | 1275 | 1175 | 1217    | 4.28   | cps   |
| Zirconium | 91-1 | 233  | 250  | 333  | 272     | 19.68  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K3032-06            | Instrumnet Name : | P7        |
| Client Sample ID :      | S32-0654            | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 18:55:24 | DataFile Name :   | 099SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2217     | 2117     | 1992     | 2109     | 5.35   | cps   |
| Antimony   | 121-1 | 8194     | 8228     | 7803     | 8075     | 2.93   | cps   |
| Arsenic    | 75-2  | 1659     | 1852     | 1656     | 1722     | 6.52   | cps   |
| Barium     | 135-1 | 112662   | 112108   | 109133   | 111301   | 1.71   | cps   |
| Barium     | 137-1 | 196269   | 191588   | 191263   | 193040   | 1.45   | cps   |
| Beryllium  | 9-1   | 157      | 123      | 147      | 142      | 12.03  | cps   |
| Bismuth    | 209-1 | 6081116  | 6092774  | 6119160  | 6097683  | 0.32   | cps   |
| Bismuth    | 209-2 | 3527879  | 3553023  | 3578797  | 3553233  | 0.72   | cps   |
| Boron      | 10-1  | 5751     | 5518     | 5309     | 5526     | 4.00   | cps   |
| Boron      | 11-1  | 25255    | 24646    | 24370    | 24757    | 1.83   | cps   |
| Cadmium    | 111-1 | 1673     | 1715     | 1539     | 1642     | 5.59   | cps   |
| Cadmium    | 106-1 | 2150     | 2192     | 2025     | 2122     | 4.09   | cps   |
| Cadmium    | 108-1 | 17       | 33       | 17       | 22       | 43.28  | cps   |
| Calcium    | 43-1  | 1217073  | 1176737  | 1159340  | 1184383  | 2.50   | cps   |
| Calcium    | 44-1  | 20212381 | 19649780 | 19433607 | 19765256 | 2.03   | cps   |
| Chromium   | 52-2  | 2167     | 2074     | 1717     | 1986     | 11.96  | cps   |
| Cobalt     | 59-2  | 4044     | 4134     | 4104     | 4094     | 1.12   | cps   |
| Copper     | 63-2  | 6895     | 6628     | 6248     | 6590     | 4.93   | cps   |
| Dysprosium | 156-1 | 225      | 183      | 200      | 203      | 10.34  | cps   |
| Dysprosium | 156-2 | 103      | 93       | 80       | 92       | 12.70  | cps   |
| Erbium     | 164-1 | 150      | 208      | 158      | 172      | 18.32  | cps   |
| Erbium     | 164-2 | 80       | 130      | 90       | 100      | 26.46  | cps   |
| Gadolinium | 160-1 | 167      | 117      | 167      | 150      | 19.25  | cps   |
| Gadolinium | 160-2 | 187      | 160      | 213      | 187      | 14.29  | cps   |
| Holmium    | 165-1 | 8631466  | 8777584  | 8745774  | 8718274  | 0.88   | cps   |
| Holmium    | 165-2 | 4543461  | 4540196  | 4579899  | 4554519  | 0.48   | cps   |
| Indium     | 115-1 | 5533105  | 5569607  | 5525933  | 5542882  | 0.42   | cps   |
| Indium     | 115-2 | 1129743  | 1113682  | 1129968  | 1124464  | 0.83   | cps   |
| Iron       | 56-2  | 12510559 | 12342020 | 12296801 | 12383127 | 0.91   | cps   |
| Iron       | 57-2  | 305353   | 300903   | 304101   | 303453   | 0.76   | cps   |
| Krypton    | 83-1  | 237      | 243      | 223      | 234      | 4.34   | cps   |
| Lead       | 206-1 | 2634     | 2523     | 2211     | 2456     | 8.91   | cps   |
| Lead       | 207-1 | 2272     | 2245     | 2006     | 2174     | 6.74   | cps   |
| Lead       | 208-1 | 10118    | 9902     | 9068     | 9696     | 5.72   | cps   |
| Lithium    | 6-1   | 1821180  | 1788379  | 1753210  | 1787590  | 1.90   | cps   |
| Magnesium  | 24-2  | 724010   | 715500   | 721483   | 720331   | 0.61   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K3032-06            | Instrumnet Name : | P7        |
| Client Sample ID :      | S32-0654            | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 18:55:24 | DataFile Name :   | 099SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 1129143  | 1117901  | 1115791  | 1120945  | 0.64   | cps   |
| Molybdenum | 94-1  | 3576     | 3459     | 3634     | 3556     | 2.51   | cps   |
| Molybdenum | 95-1  | 5560     | 5426     | 5018     | 5335     | 5.29   | cps   |
| Molybdenum | 96-1  | 6077     | 5918     | 6143     | 6046     | 1.91   | cps   |
| Molybdenum | 97-1  | 3301     | 3292     | 2575     | 3056     | 13.62  | cps   |
| Molybdenum | 98-1  | 9128     | 8361     | 7936     | 8475     | 7.13   | cps   |
| Neodymium  | 150-1 | 213      | 207      | 280      | 233      | 17.38  | cps   |
| Neodymium  | 150-2 | 90       | 87       | 100      | 92       | 7.52   | cps   |
| Nickel     | 60-2  | 2684     | 2614     | 2610     | 2636     | 1.57   | cps   |
| Phosphorus | 31-2  | 117      | 117      | 83       | 106      | 18.23  | cps   |
| Potassium  | 39-2  | 800567   | 791480   | 791551   | 794532   | 0.66   | cps   |
| Rhodium    | 103-1 | 4637603  | 4557037  | 4531286  | 4575309  | 1.21   | cps   |
| Rhodium    | 103-2 | 2176683  | 2169391  | 2176604  | 2174226  | 0.19   | cps   |
| Scandium   | 45-1  | 3074145  | 3002733  | 2949047  | 3008642  | 2.09   | cps   |
| Scandium   | 45-2  | 124047   | 121392   | 122827   | 122755   | 1.08   | cps   |
| Selenium   | 77-2  | 17       | 10       | 7        | 11       | 45.82  | cps   |
| Selenium   | 78-2  | 30       | 37       | 31       | 33       | 11.79  | cps   |
| Selenium   | 82-1  | 250      | 239      | 267      | 252      | 5.72   | cps   |
| Silicon    | 28-1  | 13409427 | 13027326 | 12798141 | 13078298 | 2.36   | cps   |
| Silver     | 109-1 | 3759     | 2925     | 2600     | 3095     | 19.31  | cps   |
| Silver     | 107-1 | 4192     | 3192     | 2542     | 3309     | 25.13  | cps   |
| Sodium     | 23-2  | 7333274  | 7220708  | 7202527  | 7252170  | 0.98   | cps   |
| Strontium  | 86-1  | 1138698  | 1114430  | 1116651  | 1123259  | 1.19   | cps   |
| Strontium  | 88-1  | 10320421 | 10174496 | 10051841 | 10182253 | 1.32   | cps   |
| Sulfur     | 34-1  | 689661   | 668260   | 662107   | 673342   | 2.15   | cps   |
| Terbium    | 159-1 | 8826637  | 8893041  | 8833768  | 8851149  | 0.41   | cps   |
| Terbium    | 159-2 | 4400460  | 4378660  | 4403520  | 4394213  | 0.31   | cps   |
| Thallium   | 203-1 | 1525     | 1225     | 1083     | 1278     | 17.65  | cps   |
| Thallium   | 205-1 | 3592     | 2517     | 2042     | 2717     | 29.24  | cps   |
| Thorium    | 232-1 | 1667     | 1795     | 1650     | 1704     | 4.64   | cps   |
| Tin        | 118-1 | 8953     | 8003     | 8153     | 8370     | 6.11   | cps   |
| Titanium   | 47-1  | 1183     | 1158     | 1300     | 1214     | 6.23   | cps   |
| Uranium    | 238-1 | 24674    | 24457    | 24991    | 24707    | 1.09   | cps   |
| Vanadium   | 51-2  | 923      | 900      | 967      | 930      | 3.64   | cps   |
| Yttrium    | 89-1  | 5666991  | 5588118  | 5558579  | 5604563  | 1.00   | cps   |
| Yttrium    | 89-2  | 806828   | 794058   | 798420   | 799768   | 0.81   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K3032-06            | Instrumnet Name : | P7        |
| Client Sample ID :      | S32-0654            | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 18:55:24 | DataFile Name :   | 099SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zinc      | 66-2 | 2164 | 2134 | 2154 | 2150    | 0.71   | cps   |
| Zirconium | 90-1 | 1350 | 1617 | 1500 | 1489    | 8.98   | cps   |
| Zirconium | 91-1 | 517  | 358  | 392  | 422     | 19.77  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K3032-08            | Instrumnet Name : | P7        |
| Client Sample ID :      | S32-ER-2019-1       | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 18:59:00 | DataFile Name :   | 100SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 192     | 158     | 83      | 144     | 38.41  | cps   |
| Antimony   | 121-1 | 5593    | 6102    | 6010    | 5901    | 4.59   | cps   |
| Arsenic    | 75-2  | 52      | 37      | 70      | 53      | 31.46  | cps   |
| Barium     | 135-1 | 75      | 92      | 100     | 89      | 14.33  | cps   |
| Barium     | 137-1 | 158     | 183     | 117     | 153     | 22.04  | cps   |
| Beryllium  | 9-1   | 140     | 120     | 97      | 119     | 18.24  | cps   |
| Bismuth    | 209-1 | 6062680 | 6076828 | 6099014 | 6079507 | 0.30   | cps   |
| Bismuth    | 209-2 | 3588446 | 3567669 | 3592407 | 3582841 | 0.37   | cps   |
| Boron      | 10-1  | 1458    | 1475    | 1442    | 1458    | 1.14   | cps   |
| Boron      | 11-1  | 7269    | 7294    | 6393    | 6985    | 7.34   | cps   |
| Cadmium    | 111-1 | 1449    | 1643    | 1578    | 1556    | 6.34   | cps   |
| Cadmium    | 106-1 | 2017    | 2300    | 2167    | 2161    | 6.56   | cps   |
| Cadmium    | 108-1 | 13      | 25      | 8       | 15      | 56.79  | cps   |
| Calcium    | 43-1  | 1092    | 967     | 950     | 1003    | 7.72   | cps   |
| Calcium    | 44-1  | 20465   | 18796   | 18696   | 19319   | 5.14   | cps   |
| Chromium   | 52-2  | 1253    | 1437    | 1303    | 1331    | 7.12   | cps   |
| Cobalt     | 59-2  | 73      | 77      | 73      | 74      | 2.59   | cps   |
| Copper     | 63-2  | 4321    | 4324    | 4307    | 4317    | 0.20   | cps   |
| Dysprosium | 156-1 | 8       | 8       | 0       | 6       | 86.60  | cps   |
| Dysprosium | 156-2 | 3       | 3       | 3       | 3       | 0.00   | cps   |
| Erbium     | 164-1 | 8       | 8       | 25      | 14      | 69.31  | cps   |
| Erbium     | 164-2 | 7       | 13      | 10      | 10      | 33.30  | cps   |
| Gadolinium | 160-1 | 42      | 17      | 17      | 25      | 57.73  | cps   |
| Gadolinium | 160-2 | 113     | 133     | 120     | 122     | 8.33   | cps   |
| Holmium    | 165-1 | 8361097 | 8471569 | 8518412 | 8450359 | 0.96   | cps   |
| Holmium    | 165-2 | 4434606 | 4423510 | 4444397 | 4434171 | 0.24   | cps   |
| Indium     | 115-1 | 5158383 | 5382493 | 5155295 | 5232057 | 2.49   | cps   |
| Indium     | 115-2 | 1108516 | 1098126 | 1103851 | 1103497 | 0.47   | cps   |
| Iron       | 56-2  | 4884    | 4895    | 5034    | 4938    | 1.69   | cps   |
| Iron       | 57-2  | 133     | 117     | 128     | 126     | 6.74   | cps   |
| Krypton    | 83-1  | 153     | 183     | 203     | 180     | 13.98  | cps   |
| Lead       | 206-1 | 1472    | 1639    | 1372    | 1495    | 9.01   | cps   |
| Lead       | 207-1 | 1389    | 1272    | 1383    | 1348    | 4.88   | cps   |
| Lead       | 208-1 | 6179    | 5723    | 5512    | 5804    | 5.87   | cps   |
| Lithium    | 6-1   | 1615244 | 1604225 | 1599451 | 1606307 | 0.50   | cps   |
| Magnesium  | 24-2  | 325     | 375     | 350     | 350     | 7.14   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K3032-08            | Instrumnet Name : | P7        |
| Client Sample ID :      | S32-ER-2019-1       | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 18:59:00 | DataFile Name :   | 100SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Manganese  | 55-2  | 277     | 213     | 253     | 248     | 12.93  | cps   |
| Molybdenum | 94-1  | 308     | 392     | 458     | 386     | 19.46  | cps   |
| Molybdenum | 95-1  | 325     | 300     | 392     | 339     | 13.98  | cps   |
| Molybdenum | 96-1  | 400     | 342     | 467     | 403     | 15.53  | cps   |
| Molybdenum | 97-1  | 233     | 208     | 258     | 233     | 10.72  | cps   |
| Molybdenum | 98-1  | 650     | 567     | 600     | 606     | 6.93   | cps   |
| Neodymium  | 150-1 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Neodymium  | 150-2 | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Nickel     | 60-2  | 117     | 57      | 50      | 74      | 49.32  | cps   |
| Phosphorus | 31-2  | 67      | 42      | 25      | 44      | 47.19  | cps   |
| Potassium  | 39-2  | 11038   | 10321   | 10788   | 10715   | 3.40   | cps   |
| Rhodium    | 103-1 | 4431300 | 4463825 | 4454183 | 4449769 | 0.38   | cps   |
| Rhodium    | 103-2 | 2174216 | 2163054 | 2171927 | 2169732 | 0.27   | cps   |
| Scandium   | 45-1  | 2782979 | 2773788 | 2761433 | 2772733 | 0.39   | cps   |
| Scandium   | 45-2  | 116960  | 116352  | 116211  | 116508  | 0.34   | cps   |
| Selenium   | 77-2  | 13      | 7       | 7       | 9       | 43.25  | cps   |
| Selenium   | 78-2  | 24      | 26      | 30      | 27      | 10.66  | cps   |
| Selenium   | 82-1  | 173     | 137     | 137     | 149     | 14.00  | cps   |
| Silicon    | 28-1  | 125917  | 126548  | 124212  | 125559  | 0.96   | cps   |
| Silver     | 109-1 | 900     | 1092    | 1075    | 1022    | 10.39  | cps   |
| Silver     | 107-1 | 975     | 1042    | 1100    | 1039    | 6.02   | cps   |
| Sodium     | 23-2  | 39595   | 38918   | 39194   | 39236   | 0.87   | cps   |
| Strontium  | 86-1  | 775     | 683     | 575     | 678     | 14.77  | cps   |
| Strontium  | 88-1  | 3292    | 2959    | 2567    | 2939    | 12.35  | cps   |
| Sulfur     | 34-1  | 171983  | 169327  | 168552  | 169954  | 1.06   | cps   |
| Terbium    | 159-1 | 8449776 | 8561751 | 8560003 | 8523843 | 0.75   | cps   |
| Terbium    | 159-2 | 4279869 | 4271506 | 4301266 | 4284214 | 0.36   | cps   |
| Thallium   | 203-1 | 258     | 233     | 225     | 239     | 7.26   | cps   |
| Thallium   | 205-1 | 708     | 675     | 800     | 728     | 8.89   | cps   |
| Thorium    | 232-1 | 544     | 522     | 644     | 570     | 11.41  | cps   |
| Tin        | 118-1 | 5526    | 5793    | 5676    | 5665    | 2.36   | cps   |
| Titanium   | 47-1  | 133     | 133     | 175     | 147     | 16.34  | cps   |
| Uranium    | 238-1 | 117     | 92      | 117     | 108     | 13.32  | cps   |
| Vanadium   | 51-2  | 313     | 373     | 333     | 340     | 8.99   | cps   |
| Yttrium    | 89-1  | 5258632 | 5300756 | 5301866 | 5287085 | 0.47   | cps   |
| Yttrium    | 89-2  | 777241  | 770328  | 771146  | 772905  | 0.49   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | K3032-08            | Instrumnet Name : | P7        |
| Client Sample ID :      | S32-ER-2019-1       | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 18:59:00 | DataFile Name :   | 100SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zinc      | 66-2 | 1787 | 1843 | 1803 | 1811    | 1.61   | cps   |
| Zirconium | 90-1 | 558  | 483  | 675  | 572     | 16.88  | cps   |
| Zirconium | 91-1 | 125  | 108  | 125  | 119     | 8.06   | cps   |



|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB103076            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV25               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV25               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2019-05-29 19:02:37 | DataFile Name :   | 101CCV.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 2963668   | 3006073   | 3007603   | 2992448   | 0.83   | cps   |
| Antimony   | 121-1 | 2785801   | 2802265   | 2840499   | 2809522   | 1.00   | cps   |
| Arsenic    | 75-2  | 94150     | 94598     | 94780     | 94509     | 0.34   | cps   |
| Barium     | 135-1 | 4019315   | 4033451   | 4034063   | 4028943   | 0.21   | cps   |
| Barium     | 137-1 | 7257353   | 7325642   | 7320685   | 7301227   | 0.52   | cps   |
| Beryllium  | 9-1   | 594150    | 603769    | 615547    | 604489    | 1.77   | cps   |
| Bismuth    | 209-1 | 5844575   | 5871542   | 5891210   | 5869109   | 0.40   | cps   |
| Bismuth    | 209-2 | 3571407   | 3596128   | 3598113   | 3588549   | 0.41   | cps   |
| Boron      | 10-1  | 90075     | 94152     | 94881     | 93036     | 2.78   | cps   |
| Boron      | 11-1  | 402248    | 416608    | 425954    | 414936    | 2.88   | cps   |
| Cadmium    | 111-1 | 914863    | 920669    | 924660    | 920064    | 0.54   | cps   |
| Cadmium    | 106-1 | 102394    | 102528    | 104350    | 103091    | 1.06   | cps   |
| Cadmium    | 108-1 | 68733     | 70612     | 70160     | 69835     | 1.40   | cps   |
| Calcium    | 43-1  | 4094664   | 4129965   | 4187266   | 4137298   | 1.13   | cps   |
| Calcium    | 44-1  | 67505743  | 68675329  | 69522929  | 68568000  | 1.48   | cps   |
| Chromium   | 52-2  | 801326    | 806289    | 811676    | 806430    | 0.64   | cps   |
| Cobalt     | 59-2  | 1232938   | 1242338   | 1245999   | 1240425   | 0.54   | cps   |
| Copper     | 63-2  | 1766857   | 1777386   | 1779234   | 1774492   | 0.38   | cps   |
| Dysprosium | 156-1 | 108       | 133       | 100       | 114       | 15.23  | cps   |
| Dysprosium | 156-2 | 103       | 143       | 107       | 118       | 18.84  | cps   |
| Erbium     | 164-1 | 67        | 42        | 33        | 47        | 36.74  | cps   |
| Erbium     | 164-2 | 17        | 20        | 23        | 20        | 16.65  | cps   |
| Gadolinium | 160-1 | 42        | 83        | 75        | 67        | 33.07  | cps   |
| Gadolinium | 160-2 | 167       | 123       | 157       | 149       | 15.24  | cps   |
| Holmium    | 165-1 | 8957554   | 9075474   | 9107351   | 9046793   | 0.87   | cps   |
| Holmium    | 165-2 | 4992157   | 5014448   | 5006925   | 5004510   | 0.23   | cps   |
| Indium     | 115-1 | 5495817   | 5519113   | 5581022   | 5531984   | 0.80   | cps   |
| Indium     | 115-2 | 1209624   | 1224564   | 1220951   | 1218379   | 0.64   | cps   |
| Iron       | 56-2  | 173908837 | 174827982 | 175335715 | 174690845 | 0.41   | cps   |
| Iron       | 57-2  | 4234717   | 4258356   | 4270577   | 4254550   | 0.43   | cps   |
| Krypton    | 83-1  | 183       | 200       | 243       | 209       | 14.83  | cps   |
| Lead       | 206-1 | 3054019   | 3071893   | 3060340   | 3062084   | 0.30   | cps   |
| Lead       | 207-1 | 2823068   | 2839315   | 2814022   | 2825468   | 0.45   | cps   |
| Lead       | 208-1 | 12877808  | 12905389  | 12859222  | 12880806  | 0.18   | cps   |
| Lithium    | 6-1   | 1684109   | 1722911   | 1754633   | 1720551   | 2.05   | cps   |
| Magnesium  | 24-2  | 31037795  | 31266562  | 31377000  | 31227119  | 0.55   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB103076            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV25               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV25               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2019-05-29 19:02:37 | DataFile Name :   | 101CCV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 1042608  | 1045630  | 1049279  | 1045839  | 0.32   | cps   |
| Molybdenum | 94-1  | 6106386  | 6170895  | 6208310  | 6161864  | 0.84   | cps   |
| Molybdenum | 95-1  | 7396593  | 7473522  | 7528820  | 7466311  | 0.89   | cps   |
| Molybdenum | 96-1  | 8237193  | 8297519  | 8363313  | 8299342  | 0.76   | cps   |
| Molybdenum | 97-1  | 4436421  | 4488439  | 4506400  | 4477086  | 0.81   | cps   |
| Molybdenum | 98-1  | 11868573 | 12024097 | 12072294 | 11988321 | 0.89   | cps   |
| Neodymium  | 150-1 | 407      | 453      | 453      | 438      | 6.15   | cps   |
| Neodymium  | 150-2 | 67       | 63       | 70       | 67       | 5.00   | cps   |
| Nickel     | 60-2  | 304198   | 305722   | 306467   | 305463   | 0.38   | cps   |
| Phosphorus | 31-2  | 27368    | 27835    | 29238    | 28147    | 3.46   | cps   |
| Potassium  | 39-2  | 16198606 | 16299601 | 16436304 | 16311504 | 0.73   | cps   |
| Rhodium    | 103-1 | 4439468  | 4475991  | 4514342  | 4476600  | 0.84   | cps   |
| Rhodium    | 103-2 | 2288231  | 2300969  | 2312602  | 2300601  | 0.53   | cps   |
| Scandium   | 45-1  | 3206956  | 3258149  | 3281072  | 3248726  | 1.17   | cps   |
| Scandium   | 45-2  | 150161   | 151663   | 150515   | 150780   | 0.52   | cps   |
| Selenium   | 77-2  | 2837     | 2834     | 2674     | 2781     | 3.36   | cps   |
| Selenium   | 78-2  | 9501     | 9609     | 9464     | 9525     | 0.79   | cps   |
| Selenium   | 82-1  | 55554    | 55966    | 56451    | 55990    | 0.80   | cps   |
| Silicon    | 28-1  | 1800400  | 1832686  | 1886704  | 1839930  | 2.37   | cps   |
| Silver     | 109-1 | 3825094  | 3844536  | 3867964  | 3845865  | 0.56   | cps   |
| Silver     | 107-1 | 3957394  | 3978960  | 4044498  | 3993617  | 1.14   | cps   |
| Sodium     | 23-2  | 60052272 | 60540639 | 60905883 | 60499598 | 0.71   | cps   |
| Strontium  | 86-1  | 944300   | 943815   | 956506   | 948207   | 0.76   | cps   |
| Strontium  | 88-1  | 8498822  | 8633277  | 8670101  | 8600733  | 1.05   | cps   |
| Sulfur     | 34-1  | 483960   | 489986   | 490994   | 488313   | 0.78   | cps   |
| Terbium    | 159-1 | 9085112  | 9111868  | 9217936  | 9138305  | 0.77   | cps   |
| Terbium    | 159-2 | 4812823  | 4851707  | 4825062  | 4829864  | 0.41   | cps   |
| Thallium   | 203-1 | 3745859  | 3764518  | 3782282  | 3764220  | 0.48   | cps   |
| Thallium   | 205-1 | 9394993  | 9523161  | 9496233  | 9471462  | 0.71   | cps   |
| Thorium    | 232-1 | 16314890 | 16419519 | 16510673 | 16415027 | 0.60   | cps   |
| Tin        | 118-1 | 2517120  | 2522988  | 2534379  | 2524829  | 0.35   | cps   |
| Titanium   | 47-1  | 1868811  | 1893019  | 1912212  | 1891347  | 1.15   | cps   |
| Uranium    | 238-1 | 16077847 | 16179808 | 16146362 | 16134672 | 0.32   | cps   |
| Vanadium   | 51-2  | 668057   | 670078   | 671230   | 669788   | 0.24   | cps   |
| Yttrium    | 89-1  | 5743296  | 5813824  | 5880600  | 5812573  | 1.18   | cps   |
| Yttrium    | 89-2  | 913587   | 927712   | 921982   | 921094   | 0.77   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB103076            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV25               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV25               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2019-05-29 19:02:37 | DataFile Name :   | 101CCV.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zinc      | 66-2 | 304248  | 305403  | 306775  | 305475  | 0.41   | cps   |
| Zirconium | 90-1 | 5192263 | 5223863 | 5284098 | 5233408 | 0.89   | cps   |
| Zirconium | 91-1 | 1117682 | 1118721 | 1127755 | 1121386 | 0.49   | cps   |

LB Number : LB103076 Operator : Jaswal  
 Lab Sample ID : CCB25 Instrumnet Name : P7  
 Client Sample ID : CCB25 Dilution Factor : 1  
 Date & Time Acquired :: 2019-05-29 19:06:16 DataFile Name : 102CCBE.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 125     | 117     | 125     | 122     | 3.94   | cps   |
| Antimony   | 121-1 | 2575    | 2592    | 2634    | 2600    | 1.16   | cps   |
| Arsenic    | 75-2  | 19      | 22      | 7       | 16      | 48.02  | cps   |
| Barium     | 135-1 | 483     | 258     | 250     | 331     | 40.05  | cps   |
| Barium     | 137-1 | 717     | 575     | 500     | 597     | 18.42  | cps   |
| Beryllium  | 9-1   | 290     | 280     | 227     | 266     | 12.82  | cps   |
| Bismuth    | 209-1 | 6519459 | 6480771 | 6447848 | 6482693 | 0.55   | cps   |
| Bismuth    | 209-2 | 4010988 | 4039883 | 3993395 | 4014755 | 0.58   | cps   |
| Boron      | 10-1  | 3984    | 3584    | 3492    | 3687    | 7.09   | cps   |
| Boron      | 11-1  | 17094   | 16610   | 15100   | 16268   | 6.39   | cps   |
| Cadmium    | 111-1 | 1682    | 1781    | 1957    | 1806    | 7.70   | cps   |
| Cadmium    | 106-1 | 2209    | 2400    | 2675    | 2428    | 9.66   | cps   |
| Cadmium    | 108-1 | 8       | 17      | 29      | 18      | 58.09  | cps   |
| Calcium    | 43-1  | 567     | 425     | 408     | 467     | 18.64  | cps   |
| Calcium    | 44-1  | 11063   | 10779   | 9178    | 10340   | 9.83   | cps   |
| Chromium   | 52-2  | 510     | 400     | 443     | 451     | 12.28  | cps   |
| Cobalt     | 59-2  | 80      | 107     | 73      | 87      | 20.36  | cps   |
| Copper     | 63-2  | 993     | 933     | 953     | 960     | 3.18   | cps   |
| Dysprosium | 156-1 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Dysprosium | 156-2 | 7       | 0       | 7       | 4       | 86.60  | cps   |
| Erbium     | 164-1 | 50      | 8       | 25      | 28      | 75.51  | cps   |
| Erbium     | 164-2 | 10      | 17      | 7       | 11      | 45.82  | cps   |
| Gadolinium | 160-1 | 17      | 50      | 33      | 33      | 50.00  | cps   |
| Gadolinium | 160-2 | 120     | 167     | 133     | 140     | 17.17  | cps   |
| Holmium    | 165-1 | 9172639 | 9086061 | 9035188 | 9097963 | 0.76   | cps   |
| Holmium    | 165-2 | 5049032 | 5042362 | 5019093 | 5036829 | 0.31   | cps   |
| Indium     | 115-1 | 6106117 | 6082870 | 6042967 | 6077318 | 0.53   | cps   |
| Indium     | 115-2 | 1322867 | 1339021 | 1325750 | 1329213 | 0.65   | cps   |
| Iron       | 56-2  | 10877   | 9653    | 8002    | 9511    | 15.17  | cps   |
| Iron       | 57-2  | 283     | 267     | 217     | 256     | 13.57  | cps   |
| Krypton    | 83-1  | 220     | 213     | 267     | 233     | 12.45  | cps   |
| Lead       | 206-1 | 956     | 828     | 906     | 896     | 7.18   | cps   |
| Lead       | 207-1 | 839     | 739     | 789     | 789     | 6.34   | cps   |
| Lead       | 208-1 | 3917    | 3434    | 3523    | 3624    | 7.10   | cps   |
| Lithium    | 6-1   | 1882137 | 1871065 | 1864710 | 1872637 | 0.47   | cps   |
| Magnesium  | 24-2  | 1592    | 1267    | 1275    | 1378    | 13.45  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB25               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB25               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 19:06:16 | DataFile Name :   | 102CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Manganese  | 55-2  | 103     | 107     | 107     | 106     | 1.82   | cps   |
| Molybdenum | 94-1  | 1684    | 1350    | 1317    | 1450    | 13.98  | cps   |
| Molybdenum | 95-1  | 1734    | 1692    | 1759    | 1728    | 1.95   | cps   |
| Molybdenum | 96-1  | 2250    | 1984    | 1600    | 1945    | 16.81  | cps   |
| Molybdenum | 97-1  | 1275    | 1333    | 933     | 1181    | 18.30  | cps   |
| Molybdenum | 98-1  | 2925    | 2675    | 2634    | 2745    | 5.75   | cps   |
| Neodymium  | 150-1 | 0       | 7       | 0       | 2       | 173.21 | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 53      | 77      | 37      | 56      | 36.17  | cps   |
| Phosphorus | 31-2  | 42      | 33      | 67      | 47      | 36.74  | cps   |
| Potassium  | 39-2  | 11780   | 11213   | 11355   | 11449   | 2.58   | cps   |
| Rhodium    | 103-1 | 5360063 | 5362233 | 5300673 | 5340990 | 0.65   | cps   |
| Rhodium    | 103-2 | 2579158 | 2597561 | 2569224 | 2581981 | 0.56   | cps   |
| Scandium   | 45-1  | 3460477 | 3454679 | 3425071 | 3446742 | 0.55   | cps   |
| Scandium   | 45-2  | 155371  | 155880  | 155994  | 155748  | 0.21   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 33      | 30      | 24      | 29      | 16.07  | cps   |
| Selenium   | 82-1  | 151     | 162     | 110     | 141     | 19.56  | cps   |
| Silicon    | 28-1  | 119508  | 118225  | 118113  | 118615  | 0.65   | cps   |
| Silver     | 109-1 | 1050    | 892     | 867     | 936     | 10.62  | cps   |
| Silver     | 107-1 | 967     | 1017    | 700     | 895     | 19.03  | cps   |
| Sodium     | 23-2  | 15834   | 15442   | 14841   | 15372   | 3.25   | cps   |
| Strontium  | 86-1  | 417     | 375     | 433     | 408     | 7.36   | cps   |
| Strontium  | 88-1  | 1033    | 917     | 758     | 903     | 15.29  | cps   |
| Sulfur     | 34-1  | 200347  | 197441  | 199611  | 199133  | 0.76   | cps   |
| Terbium    | 159-1 | 9341701 | 9266892 | 9240069 | 9282887 | 0.57   | cps   |
| Terbium    | 159-2 | 4883114 | 4882348 | 4881849 | 4882437 | 0.01   | cps   |
| Thallium   | 203-1 | 942     | 742     | 583     | 756     | 23.77  | cps   |
| Thallium   | 205-1 | 1984    | 1950    | 1634    | 1856    | 10.41  | cps   |
| Thorium    | 232-1 | 3334    | 2800    | 2689    | 2941    | 11.72  | cps   |
| Tin        | 118-1 | 992     | 1158    | 1042    | 1064    | 8.04   | cps   |
| Titanium   | 47-1  | 225     | 300     | 183     | 236     | 25.04  | cps   |
| Uranium    | 238-1 | 1550    | 1408    | 1208    | 1389    | 12.36  | cps   |
| Vanadium   | 51-2  | 77      | 47      | 43      | 56      | 33.05  | cps   |
| Yttrium    | 89-1  | 6143298 | 6109886 | 6093349 | 6115511 | 0.42   | cps   |
| Yttrium    | 89-2  | 952462  | 955620  | 950742  | 952941  | 0.26   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB103076            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB25               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB25               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-05-29 19:06:16 | DataFile Name :   | 102CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zinc      | 66-2 | 450  | 433  | 433  | 439     | 2.19   | cps   |
| Zirconium | 90-1 | 1233 | 1150 | 1092 | 1158    | 6.15   | cps   |
| Zirconium | 91-1 | 233  | 267  | 208  | 236     | 12.40  | cps   |