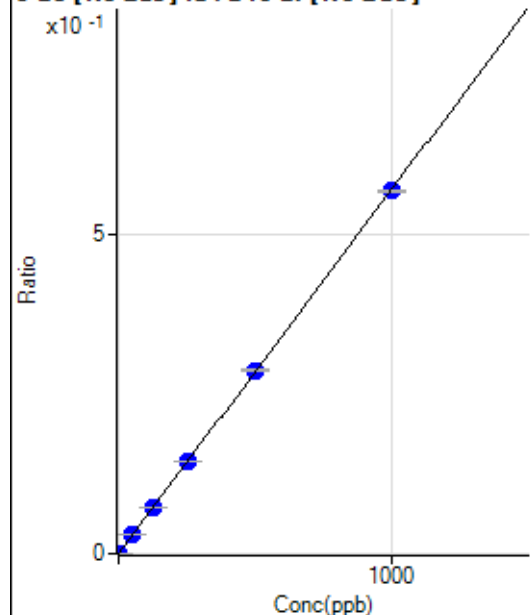


Batch Folder: D:\ICP-MS Data\P7111017 MS.b\  
Analysis File: P7111017 MS.batch.bin  
DA Date-Time: 2017-11-10 17:39:15  
Calibration Title:  
Calibration Method: External Calibration  
VIS Interpolation Fit:

| Level | Standard Data File | Sample Name | Acq. Date-Time      |
|-------|--------------------|-------------|---------------------|
| 1     | 003CALB.d          | S00         | 2017-11-10 11:35:40 |
| 2     |                    |             |                     |
| 3     | 005CALS.d          | S02         | 2017-11-10 11:43:50 |
| 4     | 006CALS.d          | S03         | 2017-11-10 11:47:41 |
| 5     | 007CALS.d          | S04         | 2017-11-10 11:51:44 |
| 6     | 008CALS.d          | S05         | 2017-11-10 11:55:30 |
| 7     | 009CALS.d          | S06         | 2017-11-10 11:59:14 |
| 8     | 010CALS.d          | S07         | 2017-11-10 12:02:55 |
| 9     | 011CALS.d          | S08         | 2017-11-10 12:06:36 |

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

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 64.81      | 0.0000 | P    | 60.9 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.889      | 1416.77    | 0.0005 | P    | 9.6  |
| 4 | <input type="checkbox"/> | 50.000   | 51.503     | 78100.39   | 0.0294 | P    | 1.2  |
| 5 | <input type="checkbox"/> | 125.000  | 127.655    | 191295.01  | 0.0729 | P    | 0.4  |
| 6 | <input type="checkbox"/> | 250.000  | 253.715    | 377856.93  | 0.1449 | P    | 0.5  |
| 7 | <input type="checkbox"/> | 500.000  | 503.970    | 734472.07  | 0.2877 | P    | 0.7  |
| 8 | <input type="checkbox"/> | 1000.000 | 996.679    | 1434387.30 | 0.5690 | P    | 0.4  |
| 9 | <input type="checkbox"/> |          |            | 500.02     | 0.0002 | P    | 5.7  |

$$y = 5.7090\text{E-}004 * x + 2.4240\text{E-}005$$

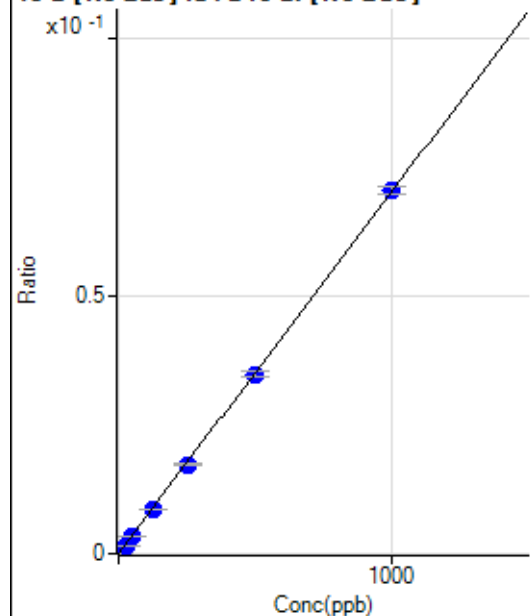
$$R = 1.0000$$

$$DL = 0.07755$$

$$BEC = 0.04246$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 111.12    | 0.0000 | P    | 18.8 |
| 2 | <input type="checkbox"/> | 2.500    |            |           |        |      |      |
| 3 | <input type="checkbox"/> | 25.000   | 20.721     | 3975.66   | 0.0015 | P    | 7.5  |
| 4 | <input type="checkbox"/> | 50.000   | 48.989     | 9217.08   | 0.0035 | P    | 2.7  |
| 5 | <input type="checkbox"/> | 125.000  | 121.082    | 22361.59  | 0.0085 | P    | 1.4  |
| 6 | <input type="checkbox"/> | 250.000  | 245.431    | 44945.41  | 0.0172 | P    | 2.0  |
| 7 | <input type="checkbox"/> | 500.000  | 496.875    | 88935.56  | 0.0348 | P    | 2.9  |
| 8 | <input type="checkbox"/> | 1000.000 | 1003.352   | 177250.70 | 0.0703 | P    | 2.2  |
| 9 | <input type="checkbox"/> |          |            | 6082.05   | 0.0024 | P    | 10.4 |

$$y = 7.0041\text{E-}005 * x + 4.1541\text{E-}005$$

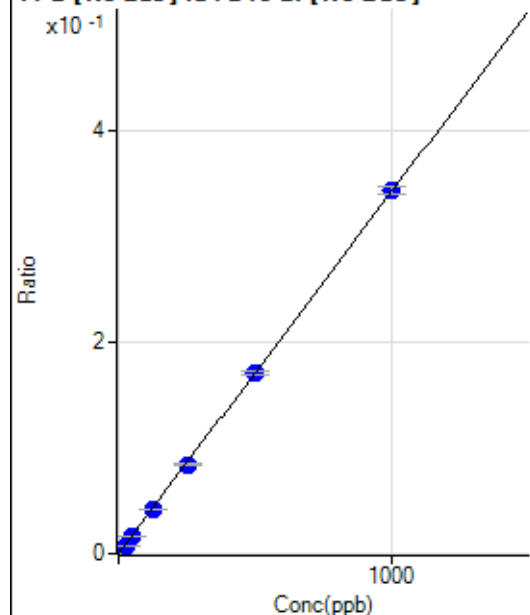
$$R = 1.0000$$

$$DL = 0.3342$$

$$BEC = 0.5931$$

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      | 402.80    | 0.0002 | P    | 6.8 |
| 2 | <input type="checkbox"/> | 2.500    |            |           |        |      |     |
| 3 | <input type="checkbox"/> | 25.000   | 21.423     | 19877.62  | 0.0075 | P    | 4.2 |
| 4 | <input type="checkbox"/> | 50.000   | 48.980     | 44781.13  | 0.0169 | P    | 2.4 |
| 5 | <input type="checkbox"/> | 125.000  | 121.087    | 108867.64 | 0.0415 | P    | 1.4 |
| 6 | <input type="checkbox"/> | 250.000  | 245.626    | 219116.50 | 0.0840 | P    | 1.1 |
| 7 | <input type="checkbox"/> | 500.000  | 497.657    | 434064.22 | 0.1701 | P    | 1.8 |
| 8 | <input type="checkbox"/> | 1000.000 | 1002.895   | 863470.49 | 0.3425 | P    | 2.0 |
| 9 | <input type="checkbox"/> |          |            | 29446.42  | 0.0118 | P    | 8.6 |

$$y = 3.4141\text{E-}004 * x + 1.5061\text{E-}004$$

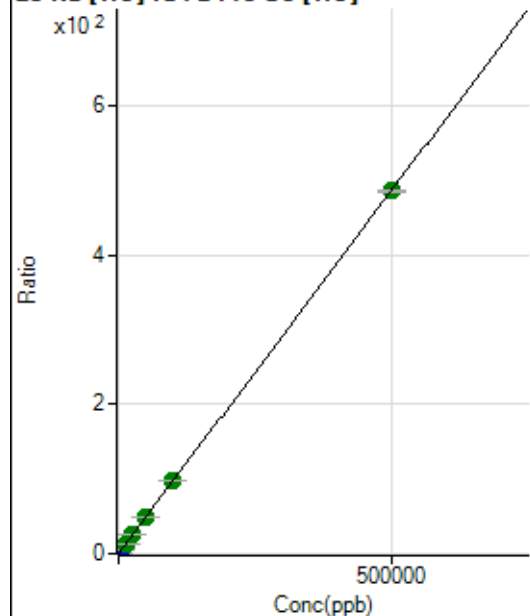
$$R = 1.0000$$

$$DL = 0.08952$$

$$BEC = 0.4412$$

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      | 10590.22    | 0.0286   | P    | 3.8 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |          |      |     |
| 3 | <input type="checkbox"/> | 500.000   | 460.246    | 178052.15   | 0.4759   | P    | 0.7 |
| 4 | <input type="checkbox"/> | 5000.000  | 5203.674   | 1883492.19  | 5.0862   | P    | 0.3 |
| 5 | <input type="checkbox"/> | 12500.000 | 13009.596  | 4671715.17  | 12.6730  | A    | 0.3 |
| 6 | <input type="checkbox"/> | 25000.000 | 25821.675  | 9292914.45  | 25.1254  | A    | 0.2 |
| 7 | <input type="checkbox"/> | 50000.000 | 51328.185  | 18563723.85 | 49.9158  | A    | 0.4 |
| 8 | <input type="checkbox"/> | 100000.00 | 101300.32  | 37319723.06 | 98.4851  | A    | 0.8 |
| 9 | <input type="checkbox"/> | 500000.00 | 499551.29  | 191123691.7 | 485.5557 | A    | 0.3 |

$$y = 9.7193\text{E-}004 * x + 0.0286$$

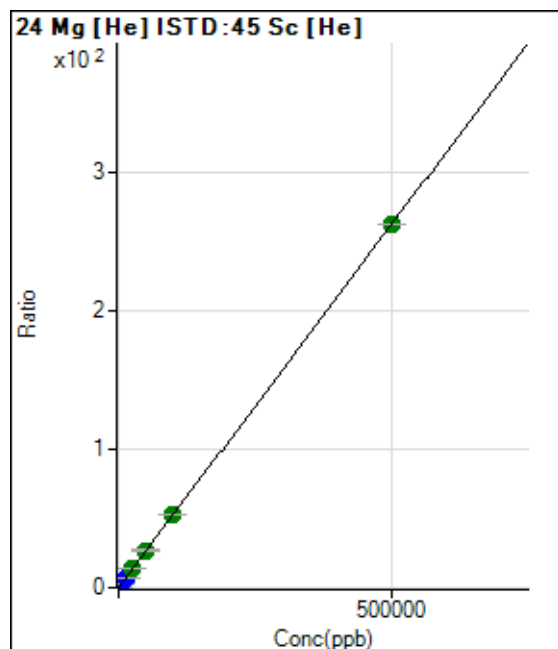
$$R = 1.0000$$

$$DL = 3.348$$

$$BEC = 29.43$$

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      | 766.72      | 0.0021   | P    | 16.6 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |          |      |      |
| 3 | <input type="checkbox"/> | 500.000   | 461.599    | 91372.02    | 0.2442   | P    | 2.1  |
| 4 | <input type="checkbox"/> | 5000.000  | 5301.026   | 1030641.96  | 2.7832   | P    | 0.3  |
| 5 | <input type="checkbox"/> | 12500.000 | 13136.872  | 2541419.61  | 6.8941   | P    | 0.2  |
| 6 | <input type="checkbox"/> | 25000.000 | 26073.536  | 5060140.82  | 13.6811  | A    | 0.2  |
| 7 | <input type="checkbox"/> | 50000.000 | 51533.535  | 10055364.55 | 27.0382  | A    | 0.7  |
| 8 | <input type="checkbox"/> | 100000.00 | 101247.55  | 20128994.20 | 53.1197  | A    | 0.8  |
| 9 | <input type="checkbox"/> | 500000.00 | 499524.56  | 103154940.5 | 262.0682 | A    | 0.2  |

$$y = 5.2463\text{E-}004 * x + 0.0021$$

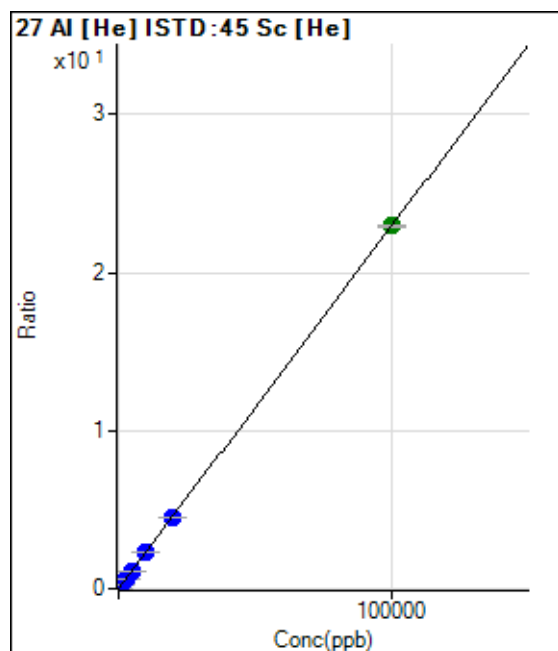
$$R = 1.0000$$

$$DL = 1.971$$

$$BEC = 3.95$$

Weight: <None>

Min Conc: 0



|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS        | Ratio   | Det. | RSD  |
|---|--------------------------|-----------|------------|------------|---------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 50.00      | 0.0001  | P    | 57.3 |
| 2 | <input type="checkbox"/> | 2.000     |            |            |         |      |      |
| 3 | <input type="checkbox"/> | 20.000    | 18.540     | 1641.82    | 0.0044  | P    | 9.1  |
| 4 | <input type="checkbox"/> | 1000.000  | 1029.093   | 87483.19   | 0.2362  | P    | 0.2  |
| 5 | <input type="checkbox"/> | 2500.000  | 2543.583   | 215178.86  | 0.5837  | P    | 0.8  |
| 6 | <input type="checkbox"/> | 5000.000  | 5020.479   | 426076.97  | 1.1520  | P    | 0.5  |
| 7 | <input type="checkbox"/> | 10000.000 | 9960.357   | 849918.99  | 2.2854  | P    | 0.6  |
| 8 | <input type="checkbox"/> | 20000.000 | 19698.256  | 1712726.88 | 4.5195  | P    | 0.3  |
| 9 | <input type="checkbox"/> | 100000.00 | 100061.90  | 9036631.89 | 22.9575 | A    | 0.5  |

$$y = 2.2943\text{E-}004 * x + 1.3486\text{E-}004$$

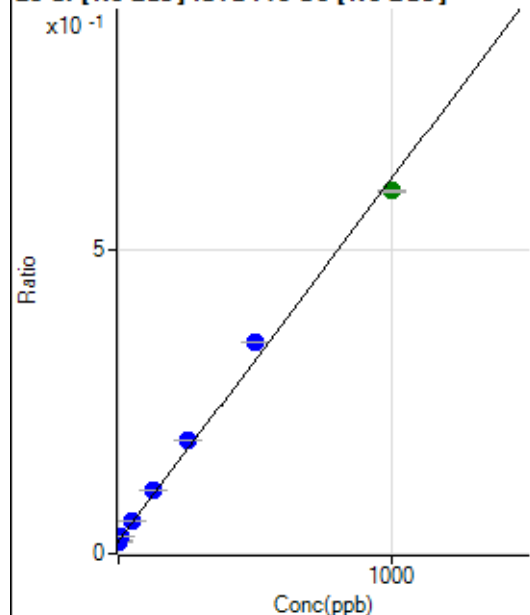
$$R = 1.0000$$

$$DL = 1.01$$

$$BEC = 0.5878$$

Weight: <None>

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD |
|---|--------------------------|----------|------------|------------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 177266.79  | 0.0205 | P   | 1.0 |
| 2 | <input type="checkbox"/> | 1.000    |            |            |        |     |     |
| 3 | <input type="checkbox"/> | 10.000   | 13.733     | 249346.48  | 0.0287 | P   | 1.9 |
| 4 | <input type="checkbox"/> | 50.000   | 56.726     | 467650.37  | 0.0543 | P   | 0.5 |
| 5 | <input type="checkbox"/> | 125.000  | 139.743    | 895535.69  | 0.1037 | P   | 0.8 |
| 6 | <input type="checkbox"/> | 250.000  | 277.484    | 1598540.18 | 0.1857 | P   | 0.2 |
| 7 | <input type="checkbox"/> | 500.000  | 548.420    | 2986222.66 | 0.3469 | P   | 0.1 |
| 8 | <input type="checkbox"/> | 1000.000 | 966.703    | 5187493.65 | 0.5958 | A   | 0.7 |
| 9 | <input type="checkbox"/> |          |            | 1197247.22 | 0.1395 | P   | 2.1 |

$$y = 5.9514\text{E-}004 * x + 0.0205$$

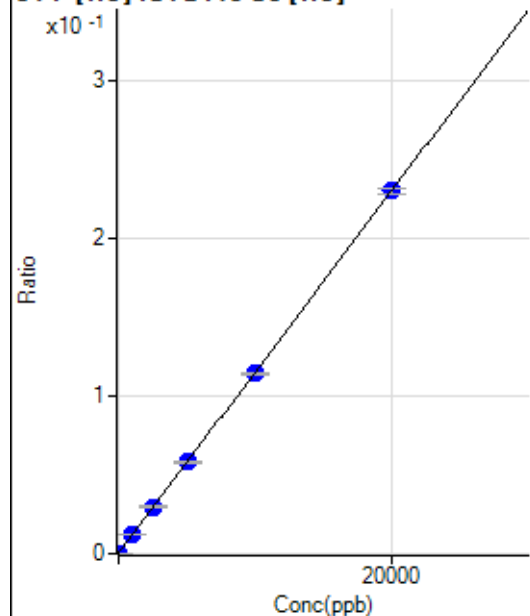
$$R = 0.9978$$

$$DL = 1.031$$

$$BEC = 34.46$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS      | Ratio  | Det | RSD  |
|---|--------------------------|-----------|------------|----------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000     | -3.129     | 80.56    | 0.0002 | P   | 21.5 |
| 2 | <input type="checkbox"/> | 0.000     |            |          |        |     |      |
| 3 | <input type="checkbox"/> | 0.000     | 3.129      | 108.34   | 0.0003 | P   | 22.9 |
| 4 | <input type="checkbox"/> | 1000.000  | 1034.278   | 4492.53  | 0.0121 | P   | 5.1  |
| 5 | <input type="checkbox"/> | 2500.000  | 2563.478   | 10946.08 | 0.0297 | P   | 2.8  |
| 6 | <input type="checkbox"/> | 5000.000  | 5050.388   | 21546.79 | 0.0583 | P   | 1.9  |
| 7 | <input type="checkbox"/> | 10000.000 | 9946.470   | 42578.56 | 0.1145 | P   | 1.0  |
| 8 | <input type="checkbox"/> | 20000.000 | 20004.519  | 87148.67 | 0.2300 | P   | 1.7  |
| 9 | <input type="checkbox"/> |           |            | 161.12   | 0.0004 | P   | 15.6 |

$$y = 1.1484\text{E-}005 * x + 2.5358\text{E-}004$$

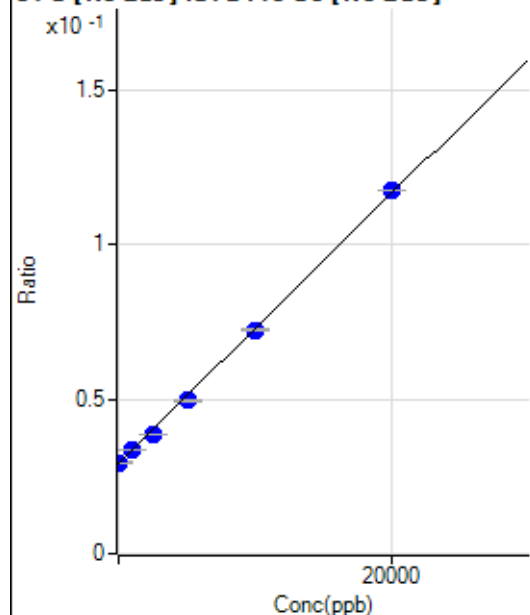
$$R = 1.0000$$

$$DL = 14.78$$

$$BEC = 22.08$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS        | Ratio  | Det | RSD |
|---|--------------------------|-----------|------------|------------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000     | 28.310     | 254567.23  | 0.0295 | P   | 0.9 |
| 2 | <input type="checkbox"/> | 0.000     |            |            |        |     |     |
| 3 | <input type="checkbox"/> | 0.000     | -28.310    | 253905.87  | 0.0292 | P   | 1.6 |
| 4 | <input type="checkbox"/> | 1000.000  | 964.921    | 289021.19  | 0.0335 | P   | 0.4 |
| 5 | <input type="checkbox"/> | 2500.000  | 2074.578   | 331536.85  | 0.0384 | P   | 0.1 |
| 6 | <input type="checkbox"/> | 5000.000  | 4623.248   | 426220.84  | 0.0495 | P   | 0.2 |
| 7 | <input type="checkbox"/> | 10000.000 | 9893.727   | 624062.67  | 0.0725 | P   | 0.2 |
| 8 | <input type="checkbox"/> | 20000.000 | 20202.256  | 1022714.59 | 0.1175 | P   | 0.1 |
| 9 | <input type="checkbox"/> |           |            | 237171.35  | 0.0276 | P   | 1.2 |

$$y = 4.3628\text{E-}006 * x + 0.0293$$

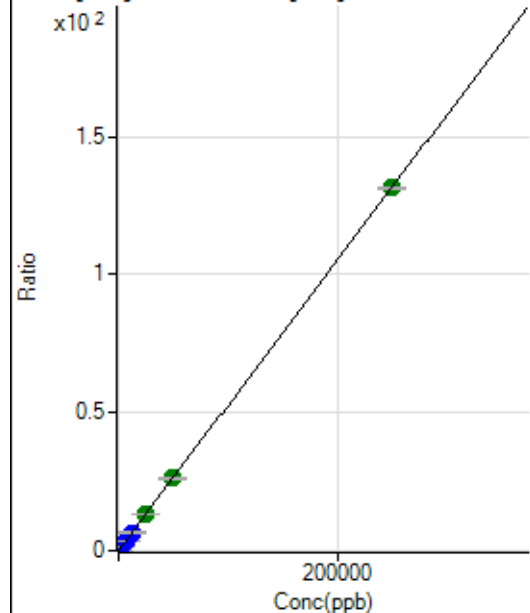
$$R = 0.9996$$

$$DL = 248.5$$

$$BEC = 6723$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio    | Det | RSD |
|---|--------------------------|-----------|------------|-------------|----------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 15928.61    | 0.0430   | P   | 2.9 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |          |     |     |
| 3 | <input type="checkbox"/> | 500.000   | 435.596    | 101722.23   | 0.2719   | P   | 0.6 |
| 4 | <input type="checkbox"/> | 2500.000  | 2506.683   | 503646.44   | 1.3601   | P   | 1.2 |
| 5 | <input type="checkbox"/> | 6250.000  | 6282.144   | 1232622.26  | 3.3437   | P   | 0.5 |
| 6 | <input type="checkbox"/> | 12500.000 | 12509.813  | 2446919.95  | 6.6158   | P   | 0.5 |
| 7 | <input type="checkbox"/> | 25000.000 | 25050.538  | 4910841.77  | 13.2048  | A   | 0.3 |
| 8 | <input type="checkbox"/> | 50000.000 | 49679.755  | 9907845.62  | 26.1451  | A   | 0.4 |
| 9 | <input type="checkbox"/> | 250000.00 | 250057.76  | 51732925.12 | 131.4250 | A   | 0.8 |

$$y = 5.2541\text{E-}004 * x + 0.0430$$

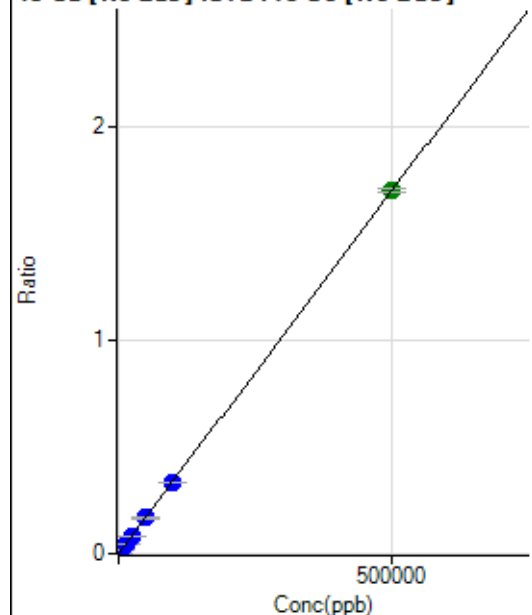
$$R = 1.0000$$

$$DL = 7.111$$

$$BEC = 81.91$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|-----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 244.46      | 0.0000 | P    | 23.0 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 500.000   | 420.812    | 12675.31    | 0.0015 | P    | 3.7  |
| 4 | <input type="checkbox"/> | 5000.000  | 4964.462   | 145618.92   | 0.0169 | P    | 0.9  |
| 5 | <input type="checkbox"/> | 12500.000 | 12199.384  | 358339.33   | 0.0415 | P    | 0.4  |
| 6 | <input type="checkbox"/> | 25000.000 | 24577.262  | 719369.37   | 0.0835 | P    | 0.7  |
| 7 | <input type="checkbox"/> | 50000.000 | 49091.474  | 1436333.43  | 0.1669 | P    | 0.4  |
| 8 | <input type="checkbox"/> | 100000.00 | 97418.385  | 2882439.37  | 0.3311 | P    | 0.1  |
| 9 | <input type="checkbox"/> | 500000.00 | 500636.26  | 14600603.62 | 1.7013 | A    | 1.0  |

$$y = 3.3982\text{E-}006 * x + 2.8297\text{E-}005$$

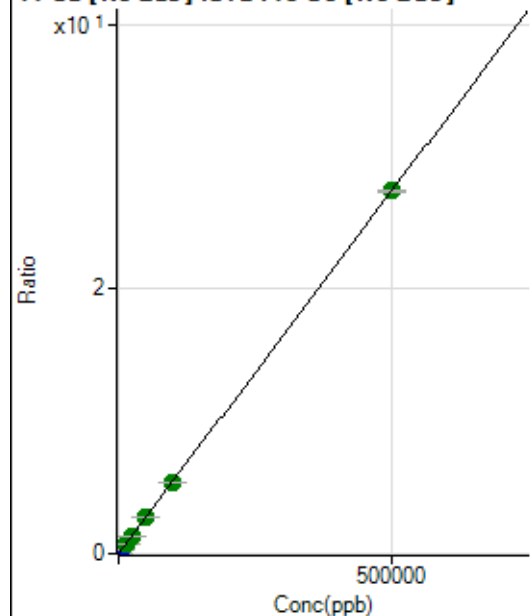
$$R = 1.0000$$

$$DL = 5.742$$

$$BEC = 8.327$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS         | Ratio   | Det. | RSD |
|---|--------------------------|-----------|------------|-------------|---------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 16190.04    | 0.0019  | P    | 2.0 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |         |      |     |
| 3 | <input type="checkbox"/> | 500.000   | 428.124    | 220134.15   | 0.0253  | P    | 1.1 |
| 4 | <input type="checkbox"/> | 5000.000  | 5004.959   | 2378191.00  | 0.2760  | P    | 0.6 |
| 5 | <input type="checkbox"/> | 12500.000 | 12310.178  | 5839953.39  | 0.6761  | A    | 0.2 |
| 6 | <input type="checkbox"/> | 25000.000 | 24668.875  | 11649381.43 | 1.3529  | A    | 0.2 |
| 7 | <input type="checkbox"/> | 50000.000 | 49315.146  | 23266631.94 | 2.7028  | A    | 0.2 |
| 8 | <input type="checkbox"/> | 100000.00 | 97580.318  | 46545161.81 | 5.3461  | A    | 0.0 |
| 9 | <input type="checkbox"/> | 500000.00 | 500573.74  | 235300085.8 | 27.4173 | A    | 0.6 |

$$y = 5.4768\text{E-}005 * x + 0.0019$$

$$R = 1.0000$$

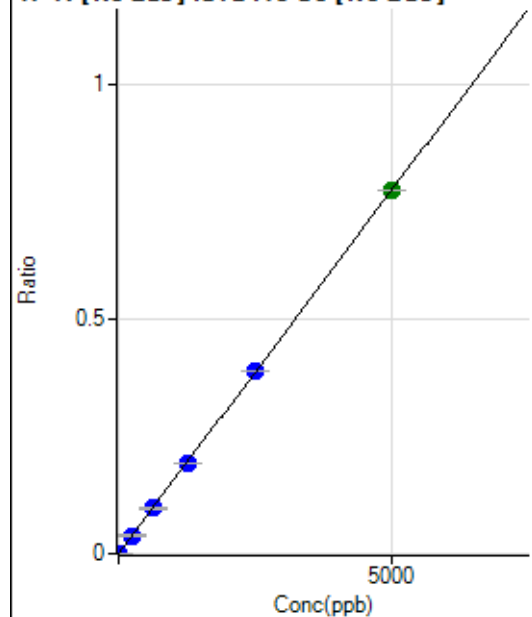
$$DL = 2.011$$

$$BEC = 34.2$$

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      | 94.45      | 0.0000 | P   | 31.3 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |     |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.414      | 6034.88    | 0.0007 | P   | 7.1  |
| 4 | <input type="checkbox"/> | 250.000  | 250.242    | 333959.09  | 0.0388 | P   | 1.1  |
| 5 | <input type="checkbox"/> | 625.000  | 622.548    | 832654.10  | 0.0964 | P   | 1.0  |
| 6 | <input type="checkbox"/> | 1250.000 | 1252.282   | 1669526.32 | 0.1939 | P   | 0.6  |
| 7 | <input type="checkbox"/> | 2500.000 | 2509.638   | 3344927.27 | 0.3886 | P   | 0.4  |
| 8 | <input type="checkbox"/> | 5000.000 | 4994.905   | 6732997.55 | 0.7733 | A   | 0.2  |
| 9 | <input type="checkbox"/> |          |            | 2058.58    | 0.0002 | P   | 2.2  |

$$y = 1.5483\text{E-}004 * x + 1.0936\text{E-}005$$

$$R = 1.0000$$

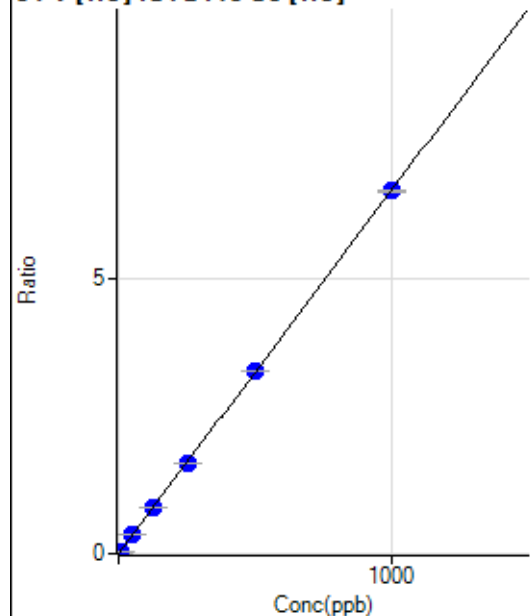
$$DL = 0.06638$$

$$BEC = 0.07063$$

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      | 10.00      | 0.0000 | P   | 33.4 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |     |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.508      | 11124.35   | 0.0297 | P   | 0.9  |
| 4 | <input type="checkbox"/> | 50.000   | 50.350     | 122875.99  | 0.3318 | P   | 0.1  |
| 5 | <input type="checkbox"/> | 125.000  | 125.362    | 304537.06  | 0.8261 | P   | 0.5  |
| 6 | <input type="checkbox"/> | 250.000  | 250.035    | 609409.46  | 1.6477 | P   | 0.5  |
| 7 | <input type="checkbox"/> | 500.000  | 502.871    | 1232396.33 | 3.3138 | P   | 0.6  |
| 8 | <input type="checkbox"/> | 1000.000 | 998.496    | 2493387.39 | 6.5798 | P   | 0.5  |
| 9 | <input type="checkbox"/> |          |            | 736.70     | 0.0019 | P   | 8.2  |

$$y = 0.0066 * x + 2.7027\text{E-}005$$

$$R = 1.0000$$

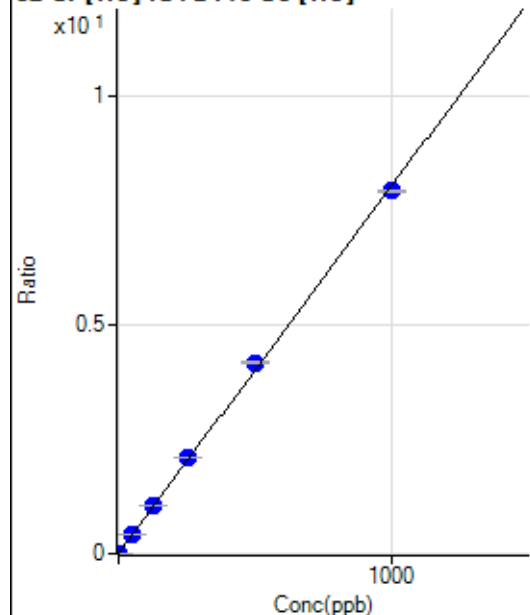
$$DL = 0.004107$$

$$BEC = 0.004101$$

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      | 1510.11    | 0.0041 | P   | 0.7 |
| 2 | <input type="checkbox"/> | 0.200    |            |            |        |     |     |
| 3 | <input type="checkbox"/> | 2.000    | 1.930      | 7309.70    | 0.0195 | P   | 2.0 |
| 4 | <input type="checkbox"/> | 50.000   | 52.799     | 158154.60  | 0.4271 | P   | 0.6 |
| 5 | <input type="checkbox"/> | 125.000  | 131.004    | 388403.14  | 1.0536 | P   | 0.4 |
| 6 | <input type="checkbox"/> | 250.000  | 260.392    | 773087.38  | 2.0902 | P   | 0.4 |
| 7 | <input type="checkbox"/> | 500.000  | 519.208    | 1548481.87 | 4.1637 | P   | 0.6 |
| 8 | <input type="checkbox"/> | 1000.000 | 986.908    | 2997768.39 | 7.9107 | P   | 0.5 |
| 9 | <input type="checkbox"/> |          |            | 38927.07   | 0.0989 | P   | 1.5 |

$$y = 0.0080 * x + 0.0041$$

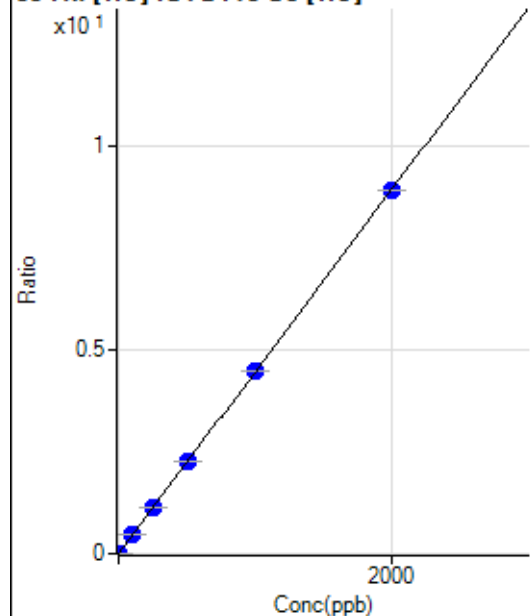
$$R = 0.9997$$

$$DL = 0.01033$$

$$BEC = 0.5092$$

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      | 74.44      | 0.0002 | P   | 6.6 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |     |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.963      | 1683.46    | 0.0045 | P   | 4.9 |
| 4 | <input type="checkbox"/> | 100.000  | 103.058    | 170353.18  | 0.4600 | P   | 0.5 |
| 5 | <input type="checkbox"/> | 250.000  | 253.360    | 416796.23  | 1.1306 | P   | 0.1 |
| 6 | <input type="checkbox"/> | 500.000  | 505.200    | 833782.96  | 2.2543 | P   | 0.1 |
| 7 | <input type="checkbox"/> | 1000.000 | 1006.932   | 1670907.87 | 4.4929 | P   | 0.5 |
| 8 | <input type="checkbox"/> | 2000.000 | 1994.661   | 3372703.01 | 8.9000 | P   | 0.1 |
| 9 | <input type="checkbox"/> |          |            | 16470.53   | 0.0418 | P   | 1.6 |

$$y = 0.0045 * x + 2.0109E-004$$

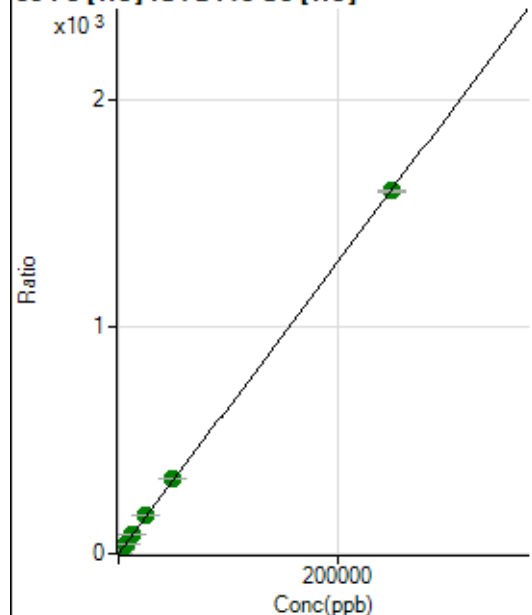
$$R = 1.0000$$

$$DL = 0.008863$$

$$BEC = 0.04507$$

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      | 3469.03     | 0.0094    | P   | 2.0 |
| 2 | <input type="checkbox"/> | 5.000     |            |             |           |     |     |
| 3 | <input type="checkbox"/> | 50.000    | 47.108     | 116538.69   | 0.3115    | P   | 1.3 |
| 4 | <input type="checkbox"/> | 2500.000  | 2671.125   | 6347664.44  | 17.1414   | A   | 0.4 |
| 5 | <input type="checkbox"/> | 6250.000  | 6626.396   | 15670628.94 | 42.5095   | A   | 0.5 |
| 6 | <input type="checkbox"/> | 12500.000 | 13196.557  | 31308627.09 | 84.6490   | A   | 0.1 |
| 7 | <input type="checkbox"/> | 25000.000 | 26312.046  | 62764471.31 | 168.7687  | A   | 0.5 |
| 8 | <input type="checkbox"/> | 50000.000 | 51654.260  | 125545655.5 | 331.3078  | A   | 0.8 |
| 9 | <input type="checkbox"/> | 250000.00 | 249491.99  | 629876199.2 | 1,600.193 | A   | 0.5 |

$$y = 0.0064 * x + 0.0094$$

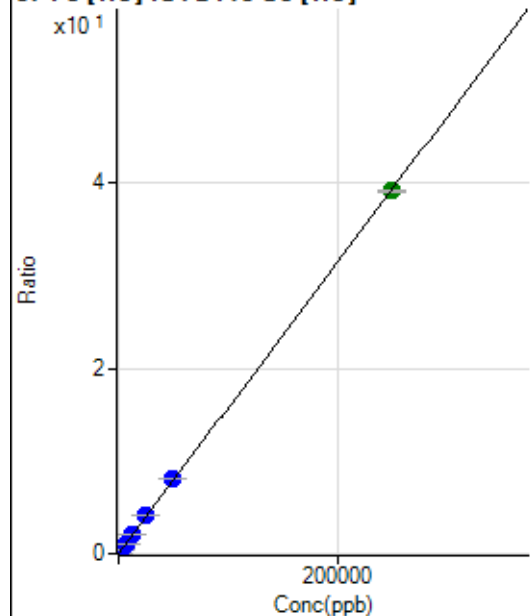
$$R = 1.0000$$

$$DL = 0.08778$$

$$BEC = 1.461$$

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      | 144.45      | 0.0004  | P   | 6.2 |
| 2 | <input type="checkbox"/> | 5.000     |            |             |         |     |     |
| 3 | <input type="checkbox"/> | 50.000    | 45.917     | 2844.81     | 0.0076  | P   | 3.3 |
| 4 | <input type="checkbox"/> | 2500.000  | 2666.500   | 155274.51   | 0.4193  | P   | 0.1 |
| 5 | <input type="checkbox"/> | 6250.000  | 6600.646   | 382411.78   | 1.0374  | P   | 0.5 |
| 6 | <input type="checkbox"/> | 12500.000 | 13146.893  | 764061.97   | 2.0658  | P   | 0.2 |
| 7 | <input type="checkbox"/> | 25000.000 | 26286.020  | 1535926.38  | 4.1300  | P   | 0.7 |
| 8 | <input type="checkbox"/> | 50000.000 | 51604.568  | 3072393.30  | 8.1076  | P   | 0.3 |
| 9 | <input type="checkbox"/> | 250000.00 | 249507.70  | 15429580.32 | 39.1988 | A   | 0.4 |

$$y = 1.5710E-004 * x + 3.9016E-004$$

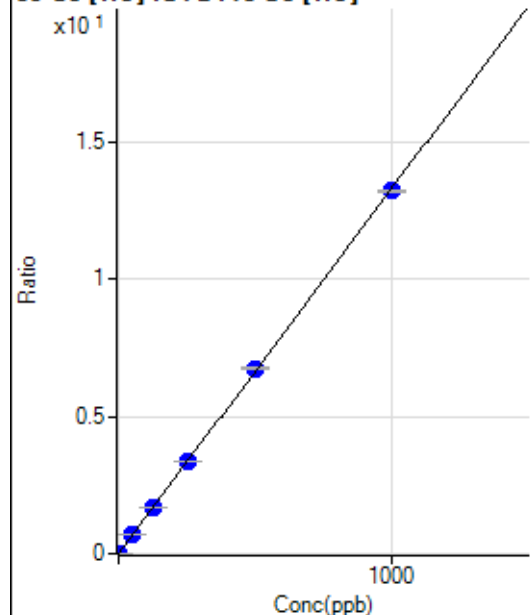
$$R = 1.0000$$

$$DL = 0.4645$$

$$BEC = 2.483$$

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      | 148.89     | 0.0004  | P   | 22.5 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |         |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.921      | 4733.07    | 0.0127  | P   | 4.6  |
| 4 | <input type="checkbox"/> | 50.000   | 52.038     | 256553.20  | 0.6928  | P   | 0.4  |
| 5 | <input type="checkbox"/> | 125.000  | 128.375    | 629824.21  | 1.7085  | P   | 0.3  |
| 6 | <input type="checkbox"/> | 250.000  | 254.818    | 1254164.89 | 3.3909  | P   | 0.4  |
| 7 | <input type="checkbox"/> | 500.000  | 507.829    | 2513048.24 | 6.7574  | P   | 0.5  |
| 8 | <input type="checkbox"/> | 1000.000 | 994.357    | 5013767.04 | 13.2309 | P   | 0.8  |
| 9 | <input type="checkbox"/> |          |            | 6230.30    | 0.0158  | P   | 4.0  |

$$y = 0.0133 * x + 4.0255E-004$$

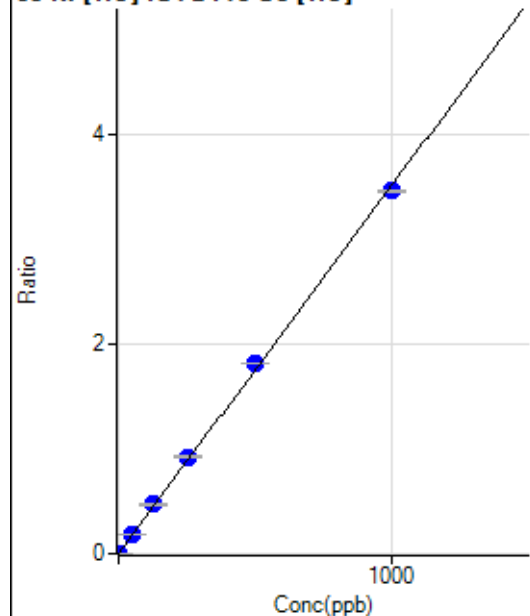
$$R = 0.9999$$

$$DL = 0.02047$$

$$BEC = 0.03025$$

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      | 161.12     | 0.0004 | P   | 8.3 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |     |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.939      | 1395.65    | 0.0037 | P   | 3.8 |
| 4 | <input type="checkbox"/> | 50.000   | 53.720     | 69935.73   | 0.1889 | P   | 0.8 |
| 5 | <input type="checkbox"/> | 125.000  | 133.236    | 172431.89  | 0.4678 | P   | 0.2 |
| 6 | <input type="checkbox"/> | 250.000  | 263.419    | 341888.11  | 0.9244 | P   | 0.4 |
| 7 | <input type="checkbox"/> | 500.000  | 518.561    | 676582.46  | 1.8193 | P   | 0.4 |
| 8 | <input type="checkbox"/> | 1000.000 | 986.149    | 1310874.94 | 3.4593 | P   | 0.8 |
| 9 | <input type="checkbox"/> |          |            | 13549.78   | 0.0344 | P   | 1.0 |

$$y = 0.0035 * x + 4.3524E-004$$

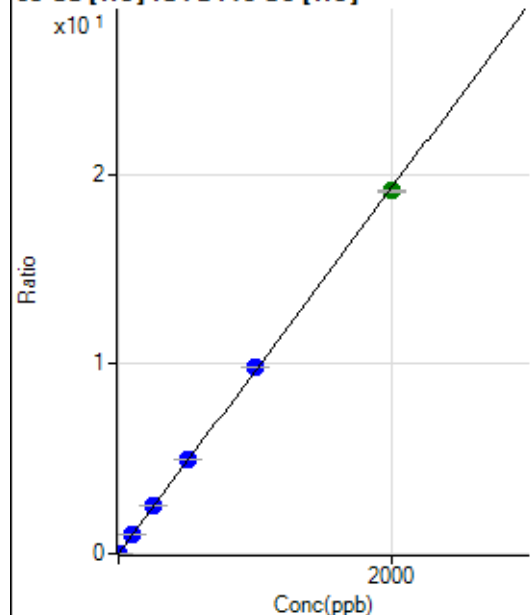
$$R = 0.9996$$

$$DL = 0.03072$$

$$BEC = 0.1241$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio   | Det. | RSD |
|---|--------------------------|----------|------------|------------|---------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1527.89    | 0.0041  | P    | 3.8 |
| 2 | <input type="checkbox"/> | 0.200    |            |            |         |      |     |
| 3 | <input type="checkbox"/> | 2.000    | 1.901      | 8403.65    | 0.0225  | P    | 0.5 |
| 4 | <input type="checkbox"/> | 100.000  | 106.163    | 380790.89  | 1.0283  | P    | 0.1 |
| 5 | <input type="checkbox"/> | 250.000  | 260.466    | 927813.40  | 2.5169  | P    | 0.4 |
| 6 | <input type="checkbox"/> | 500.000  | 515.151    | 1839631.57 | 4.9739  | P    | 0.5 |
| 7 | <input type="checkbox"/> | 1000.000 | 1020.772   | 3663816.23 | 9.8516  | P    | 0.5 |
| 8 | <input type="checkbox"/> | 2000.000 | 1984.210   | 7255300.38 | 19.1461 | A    | 0.6 |
| 9 | <input type="checkbox"/> |          |            | 13561.99   | 0.0345  | P    | 1.1 |

$$y = 0.0096 * x + 0.0041$$

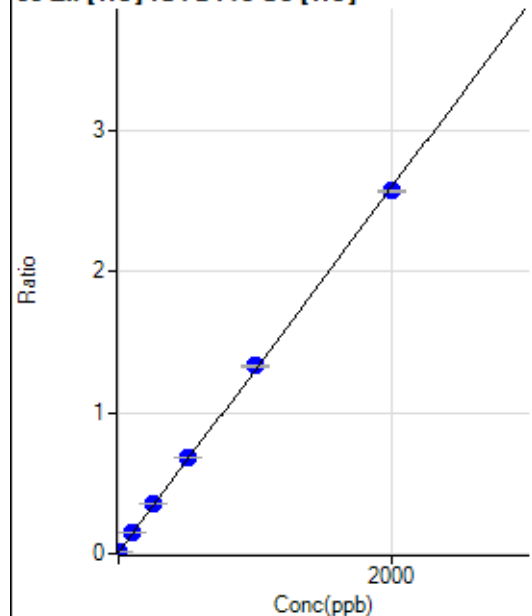
$$R = 0.9999$$

$$DL = 0.04855$$

$$BEC = 0.4278$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|-----------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 3471.58   | 0.0094 | P    | 5.0 |
| 2 | <input type="checkbox"/> | 0.200    |            |           |        |      |     |
| 3 | <input type="checkbox"/> | 2.000    | 2.300      | 4620.79   | 0.0124 | P    | 1.5 |
| 4 | <input type="checkbox"/> | 100.000  | 110.493    | 56373.93  | 0.1522 | P    | 0.5 |
| 5 | <input type="checkbox"/> | 250.000  | 263.502    | 129044.63 | 0.3501 | P    | 0.8 |
| 6 | <input type="checkbox"/> | 500.000  | 522.889    | 253508.23 | 0.6854 | P    | 0.7 |
| 7 | <input type="checkbox"/> | 1000.000 | 1021.554   | 494676.41 | 1.3301 | P    | 0.6 |
| 8 | <input type="checkbox"/> | 2000.000 | 1981.288   | 974273.15 | 2.5710 | P    | 0.5 |
| 9 | <input type="checkbox"/> |          |            | 6931.76   | 0.0176 | P    | 2.4 |

$$y = 0.0013 * x + 0.0094$$

$$R = 0.9998$$

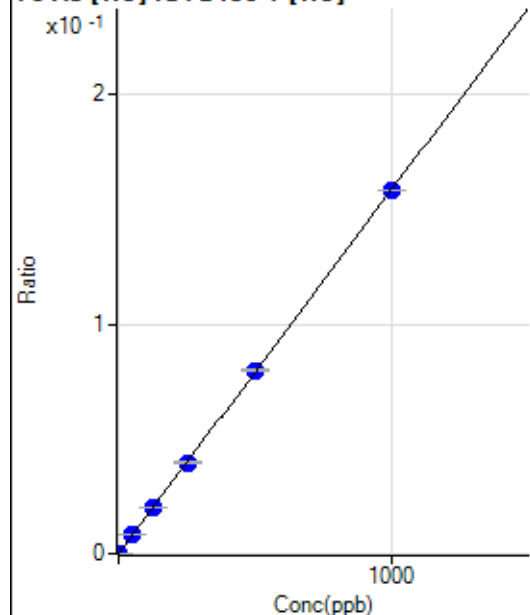
$$DL = 1.09$$

$$BEC = 7.253$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 8.03      | 0.0000 | P    | 12.7 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.893      | 312.97    | 0.0001 | P    | 8.5  |
| 4 | <input type="checkbox"/> | 50.000   | 50.840     | 17230.68  | 0.0081 | P    | 0.4  |
| 5 | <input type="checkbox"/> | 125.000  | 126.109    | 42606.01  | 0.0200 | P    | 0.4  |
| 6 | <input type="checkbox"/> | 250.000  | 250.913    | 85075.69  | 0.0398 | P    | 1.1  |
| 7 | <input type="checkbox"/> | 500.000  | 504.516    | 172554.02 | 0.0799 | P    | 0.4  |
| 8 | <input type="checkbox"/> | 1000.000 | 997.333    | 345741.43 | 0.1580 | P    | 0.1  |
| 9 | <input type="checkbox"/> |          |            | 179.64    | 0.0001 | P    | 16.6 |

$$y = 1.5842\text{E-}004 * x + 3.7554\text{E-}006$$

$$R = 1.0000$$

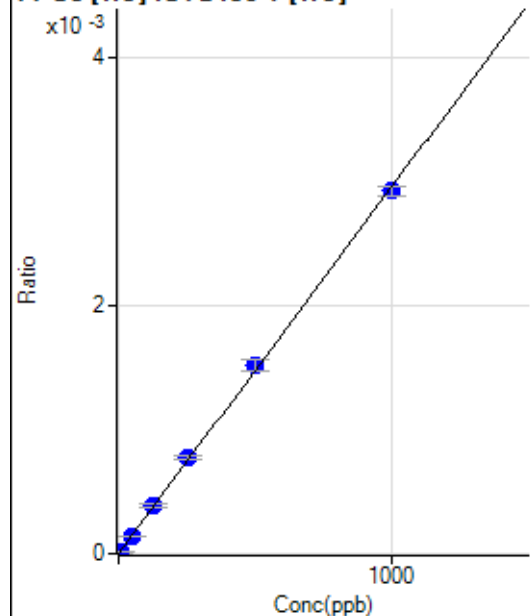
$$DL = 0.009021$$

$$BEC = 0.02371$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS     | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|---------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1.11    | 0.0000 | P    | 173. |
| 2 | <input type="checkbox"/> | 0.500    |            |         |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 5.763      | 37.78   | 0.0000 | P    | 43.2 |
| 4 | <input type="checkbox"/> | 50.000   | 46.857     | 296.68  | 0.0001 | P    | 4.8  |
| 5 | <input type="checkbox"/> | 125.000  | 130.731    | 823.37  | 0.0004 | P    | 5.7  |
| 6 | <input type="checkbox"/> | 250.000  | 264.217    | 1669.01 | 0.0008 | P    | 4.2  |
| 7 | <input type="checkbox"/> | 500.000  | 512.199    | 3262.64 | 0.0015 | P    | 6.1  |
| 8 | <input type="checkbox"/> | 1000.000 | 989.783    | 6389.29 | 0.0029 | P    | 2.9  |
| 9 | <input type="checkbox"/> |          |            | 7.78    | 0.0000 | P    | 25.3 |

$$y = 2.9497\text{E-}006 * x + 5.2095\text{E-}007$$

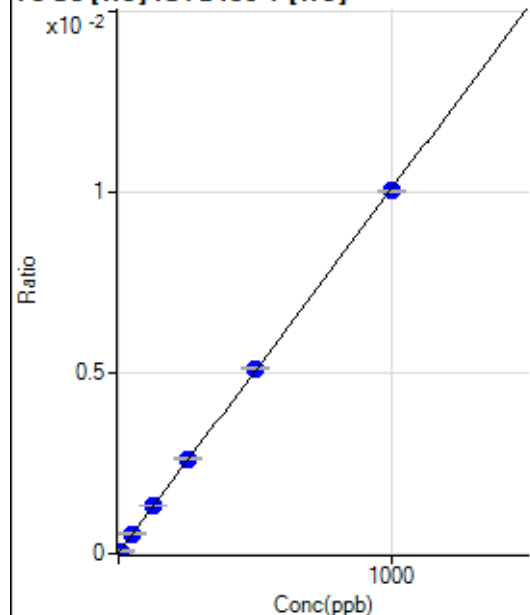
$$R = 0.9997$$

$$DL = 0.9177$$

$$BEC = 0.1766$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS      | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 52.47    | 0.0000 | P    | 12.4 |
| 2 | <input type="checkbox"/> | 0.500    |            |          |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 5.078      | 162.96   | 0.0001 | P    | 12.5 |
| 4 | <input type="checkbox"/> | 50.000   | 52.848     | 1188.95  | 0.0006 | P    | 2.1  |
| 5 | <input type="checkbox"/> | 125.000  | 127.925    | 2795.36  | 0.0013 | P    | 0.9  |
| 6 | <input type="checkbox"/> | 250.000  | 257.243    | 5588.78  | 0.0026 | P    | 2.2  |
| 7 | <input type="checkbox"/> | 500.000  | 506.579    | 11051.20 | 0.0051 | P    | 1.6  |
| 8 | <input type="checkbox"/> | 1000.000 | 994.391    | 21935.79 | 0.0100 | P    | 0.8  |
| 9 | <input type="checkbox"/> |          |            | 68.52    | 0.0000 | P    | 16.4 |

$$y = 1.0056\text{E-}005 * x + 2.4561\text{E-}005$$

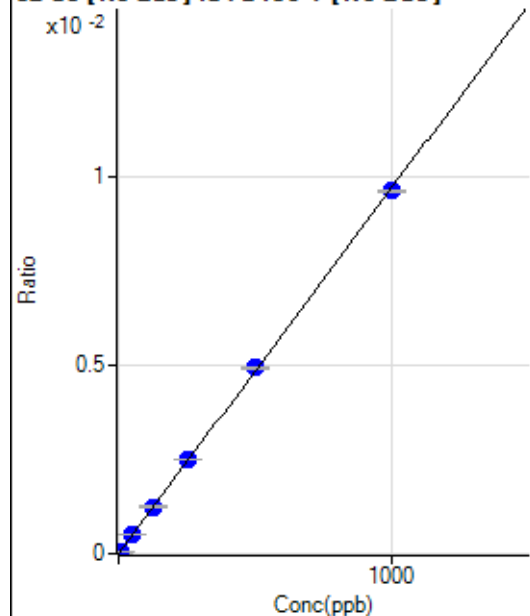
$$R = 0.9999$$

$$DL = 0.9098$$

$$BEC = 2.442$$

Weight: &lt;None&gt;

Min Conc: 0

**82 Se [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      | -44.53    | 0.0000 | P    | -13. |
| 2 | <input type="checkbox"/> | 0.500    |            |           |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 5.186      | 709.54    | 0.0000 | P    | 3.3  |
| 4 | <input type="checkbox"/> | 50.000   | 52.780     | 7589.07   | 0.0005 | P    | 0.5  |
| 5 | <input type="checkbox"/> | 125.000  | 128.804    | 18738.88  | 0.0012 | P    | 0.5  |
| 6 | <input type="checkbox"/> | 250.000  | 258.885    | 37543.39  | 0.0025 | P    | 0.9  |
| 7 | <input type="checkbox"/> | 500.000  | 509.012    | 74065.58  | 0.0049 | P    | 1.0  |
| 8 | <input type="checkbox"/> | 1000.000 | 992.657    | 145078.67 | 0.0096 | P    | 0.2  |
| 9 | <input type="checkbox"/> |          |            | 141.07    | 0.0000 | P    | 57.5 |

$$y = 9.6845\text{E-}006 * x - 2.9831\text{E-}006$$

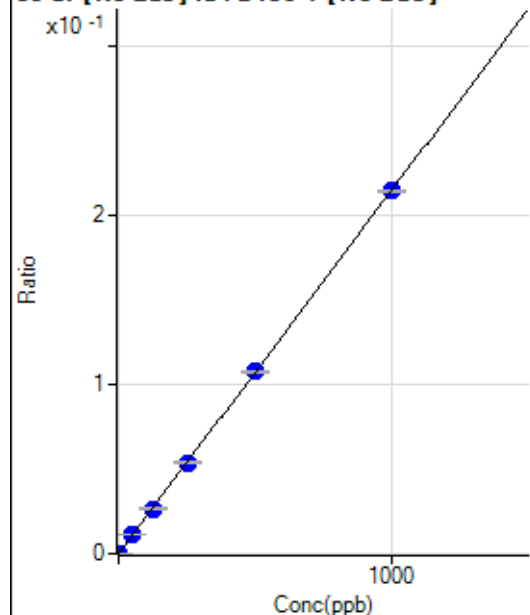
$$R = 0.9999$$

$$DL = 0.1251$$

$$BEC = -0.308$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 605.60     | 0.0000 | P    | 6.2 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.912      | 3545.03    | 0.0002 | P    | 0.9 |
| 4 | <input type="checkbox"/> | 50.000   | 50.661     | 162702.61  | 0.0109 | P    | 0.2 |
| 5 | <input type="checkbox"/> | 125.000  | 124.198    | 401297.22  | 0.0267 | P    | 1.2 |
| 6 | <input type="checkbox"/> | 250.000  | 251.308    | 807849.05  | 0.0539 | P    | 0.4 |
| 7 | <input type="checkbox"/> | 500.000  | 501.496    | 1616024.17 | 0.1075 | P    | 0.5 |
| 8 | <input type="checkbox"/> | 1000.000 | 998.992    | 3231690.96 | 0.2141 | P    | 0.3 |
| 9 | <input type="checkbox"/> |          |            | 111687.52  | 0.0076 | P    | 0.4 |

$$y = 2.1425\text{E-}004 * x + 4.0573\text{E-}005$$

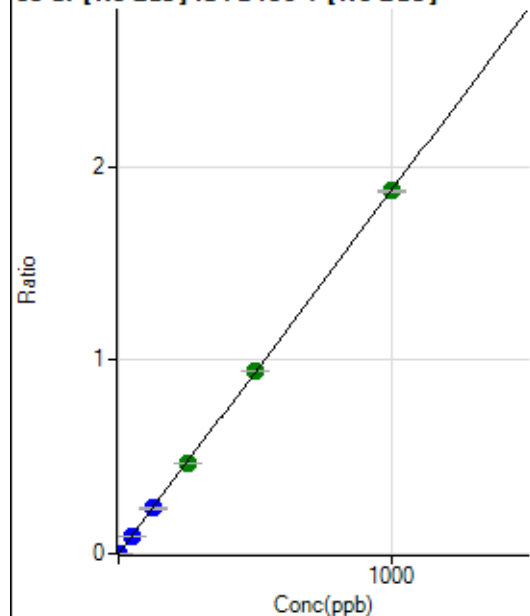
$$R = 1.0000$$

$$DL = 0.03512$$

$$BEC = 0.1894$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 197.23      | 0.0000 | P    | 17.5 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.899      | 25512.41    | 0.0017 | P    | 2.4  |
| 4 | <input type="checkbox"/> | 50.000   | 50.098     | 1403704.15  | 0.0940 | P    | 0.1  |
| 5 | <input type="checkbox"/> | 125.000  | 124.426    | 3514962.49  | 0.2334 | P    | 0.7  |
| 6 | <input type="checkbox"/> | 250.000  | 250.039    | 7032508.93  | 0.4691 | A    | 0.3  |
| 7 | <input type="checkbox"/> | 500.000  | 502.771    | 14180130.01 | 0.9432 | A    | 0.2  |
| 8 | <input type="checkbox"/> | 1000.000 | 998.672    | 28281431.19 | 1.8734 | A    | 0.5  |
| 9 | <input type="checkbox"/> |          |            | 957379.40   | 0.0651 | P    | 0.5  |

$$y = 0.0019 * x + 1.3212\text{E-}005$$

$$R = 1.0000$$

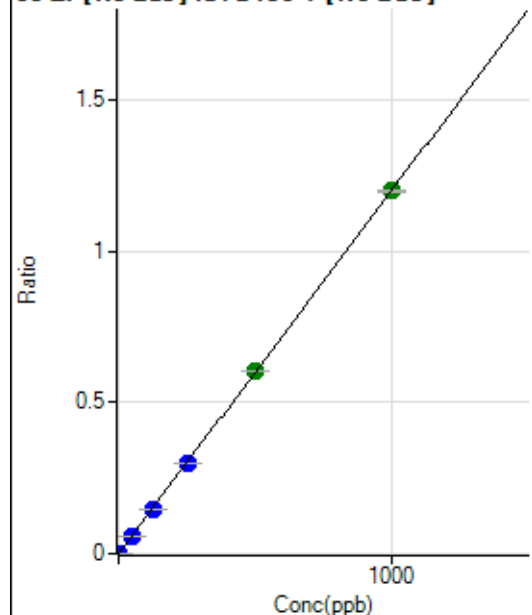
$$DL = 0.003689$$

$$BEC = 0.007043$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 983.41      | 0.0001 | P    | 11.0 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.818      | 15714.82    | 0.0010 | P    | 4.1  |
| 4 | <input type="checkbox"/> | 50.000   | 48.968     | 877812.97   | 0.0588 | P    | 0.5  |
| 5 | <input type="checkbox"/> | 125.000  | 123.461    | 2230079.82  | 0.1481 | P    | 0.1  |
| 6 | <input type="checkbox"/> | 250.000  | 249.353    | 4483379.31  | 0.2990 | P    | 0.5  |
| 7 | <input type="checkbox"/> | 500.000  | 501.734    | 9045415.66  | 0.6016 | A    | 0.4  |
| 8 | <input type="checkbox"/> | 1000.000 | 999.539    | 18092785.99 | 1.1985 | A    | 0.6  |
| 9 | <input type="checkbox"/> |          |            | 4236.92     | 0.0003 | P    | 6.4  |

$$y = 0.0012 * x + 6.5876E-005$$

$$R = 1.0000$$

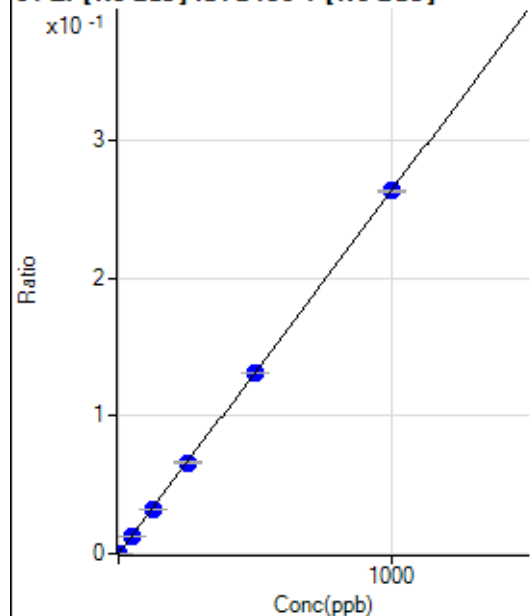
$$DL = 0.0181$$

$$BEC = 0.05494$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 230.57     | 0.0000 | P    | 27.4 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.789      | 3350.55    | 0.0002 | P    | 7.4  |
| 4 | <input type="checkbox"/> | 50.000   | 49.612     | 195348.90  | 0.0131 | P    | 0.4  |
| 5 | <input type="checkbox"/> | 125.000  | 124.148    | 492552.63  | 0.0327 | P    | 0.1  |
| 6 | <input type="checkbox"/> | 250.000  | 251.484    | 993151.76  | 0.0662 | P    | 0.5  |
| 7 | <input type="checkbox"/> | 500.000  | 499.957    | 1979728.21 | 0.1317 | P    | 0.1  |
| 8 | <input type="checkbox"/> | 1000.000 | 999.777    | 3974864.50 | 0.2633 | P    | 0.4  |
| 9 | <input type="checkbox"/> |          |            | 1075.09    | 0.0001 | P    | 7.2  |

$$y = 2.6335E-004 * x + 1.5442E-005$$

$$R = 1.0000$$

$$DL = 0.04818$$

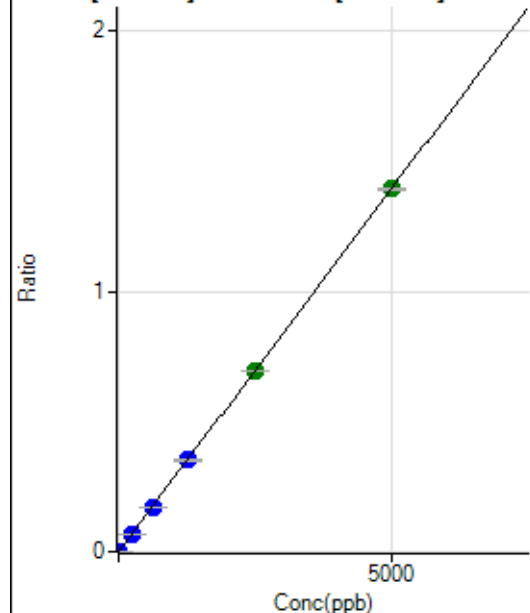
$$BEC = 0.05864$$

Weight: &lt;None&gt;

Min Conc: 0



94 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      | 327.79      | 0.0000 | P   | 12.2 |
| 2 | <input type="checkbox"/> | 0.500    |            |             |        |     |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.342      | 18515.42    | 0.0012 | P   | 3.2  |
| 4 | <input type="checkbox"/> | 250.000  | 248.148    | 1034014.19  | 0.0692 | P   | 0.8  |
| 5 | <input type="checkbox"/> | 625.000  | 619.939    | 2604215.14  | 0.1729 | P   | 0.2  |
| 6 | <input type="checkbox"/> | 1250.000 | 1260.719   | 5272431.11  | 0.3517 | P   | 0.7  |
| 7 | <input type="checkbox"/> | 2500.000 | 2498.432   | 10477662.73 | 0.6969 | A   | 0.4  |
| 8 | <input type="checkbox"/> | 5000.000 | 4998.830   | 21049200.82 | 1.3944 | A   | 0.4  |
| 9 | <input type="checkbox"/> |          |            | 12280.78    | 0.0008 | P   | 3.6  |

$$y = 2.7893E-004 * x + 2.1965E-005$$

$$R = 1.0000$$

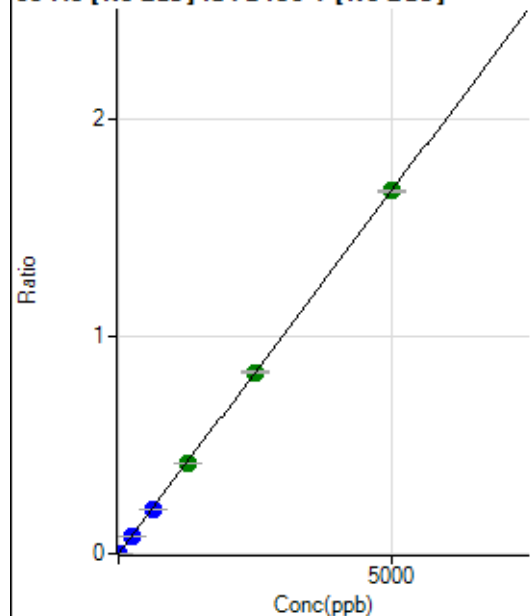
$$DL = 0.02884$$

$$BEC = 0.07875$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD |
|---|--------------------------|----------|------------|-------------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 72.22       | 0.0000 | P   | 6.5 |
| 2 | <input type="checkbox"/> | 0.500    |            |             |        |     |     |
| 3 | <input type="checkbox"/> | 5.000    | 4.281      | 21569.79    | 0.0014 | P   | 0.5 |
| 4 | <input type="checkbox"/> | 250.000  | 248.505    | 1241011.09  | 0.0831 | P   | 0.3 |
| 5 | <input type="checkbox"/> | 625.000  | 620.336    | 3123549.22  | 0.2074 | P   | 0.1 |
| 6 | <input type="checkbox"/> | 1250.000 | 1248.871   | 6260787.25  | 0.4176 | A   | 0.4 |
| 7 | <input type="checkbox"/> | 2500.000 | 2502.584   | 12580973.81 | 0.8368 | A   | 0.3 |
| 8 | <input type="checkbox"/> | 5000.000 | 4999.649   | 25237002.13 | 1.6718 | A   | 0.3 |
| 9 | <input type="checkbox"/> |          |            | 17867.30    | 0.0012 | P   | 2.5 |

$$y = 3.3438E-004 * x + 4.8385E-006$$

$$R = 1.0000$$

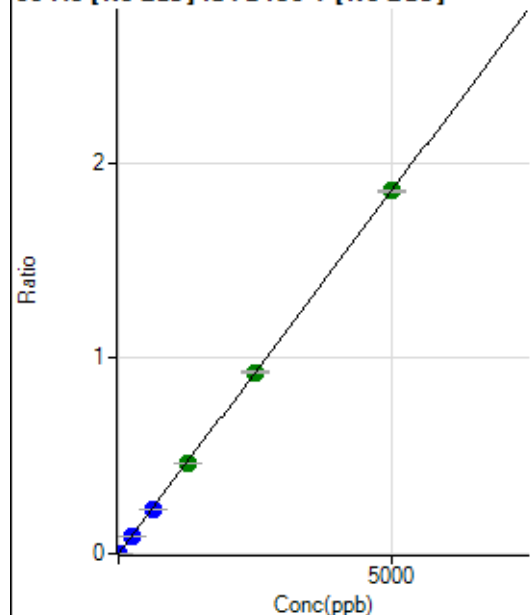
$$DL = 0.002839$$

$$BEC = 0.01447$$

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      | 116.67      | 0.0000 | P    | 18.8 |
| 2 | <input type="checkbox"/> | 0.500    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.367      | 24457.96    | 0.0016 | P    | 2.5  |
| 4 | <input type="checkbox"/> | 250.000  | 248.298    | 1376241.90  | 0.0922 | P    | 0.4  |
| 5 | <input type="checkbox"/> | 625.000  | 618.521    | 3456600.73  | 0.2295 | P    | 0.4  |
| 6 | <input type="checkbox"/> | 1250.000 | 1247.189   | 6939323.33  | 0.4629 | A    | 0.6  |
| 7 | <input type="checkbox"/> | 2500.000 | 2502.995   | 13965539.55 | 0.9289 | A    | 0.5  |
| 8 | <input type="checkbox"/> | 5000.000 | 5000.101   | 28012335.35 | 1.8556 | A    | 0.7  |
| 9 | <input type="checkbox"/> |          |            | 24007.14    | 0.0016 | P    | 1.6  |

$$y = 3.7111\text{E-}004 * x + 7.8153\text{E-}006$$

$$R = 1.0000$$

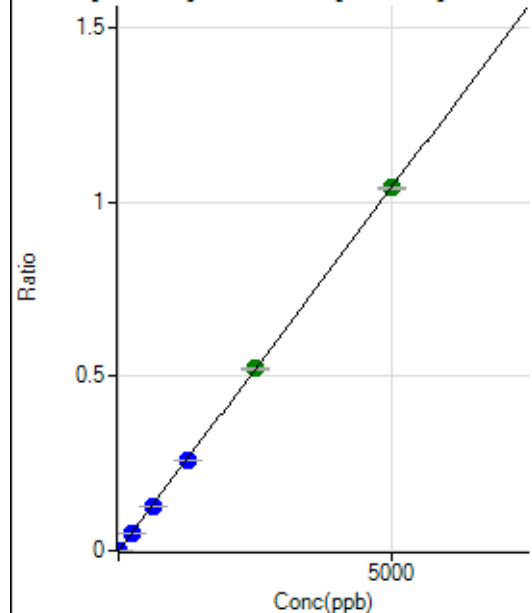
$$DL = 0.01185$$

$$BEC = 0.02106$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 36.11       | 0.0000 | P    | 47.9 |
| 2 | <input type="checkbox"/> | 0.500    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.445      | 13951.83    | 0.0009 | P    | 4.7  |
| 4 | <input type="checkbox"/> | 250.000  | 247.170    | 769738.38   | 0.0515 | P    | 0.3  |
| 5 | <input type="checkbox"/> | 625.000  | 618.728    | 1942783.81  | 0.1290 | P    | 0.6  |
| 6 | <input type="checkbox"/> | 1250.000 | 1245.051   | 3892317.40  | 0.2596 | P    | 0.5  |
| 7 | <input type="checkbox"/> | 2500.000 | 2509.953   | 7868545.84  | 0.5234 | A    | 0.7  |
| 8 | <input type="checkbox"/> | 5000.000 | 4997.187   | 15730212.33 | 1.0420 | A    | 0.5  |
| 9 | <input type="checkbox"/> |          |            | 11213.20    | 0.0008 | P    | 3.9  |

$$y = 2.0852\text{E-}004 * x + 2.4182\text{E-}006$$

$$R = 1.0000$$

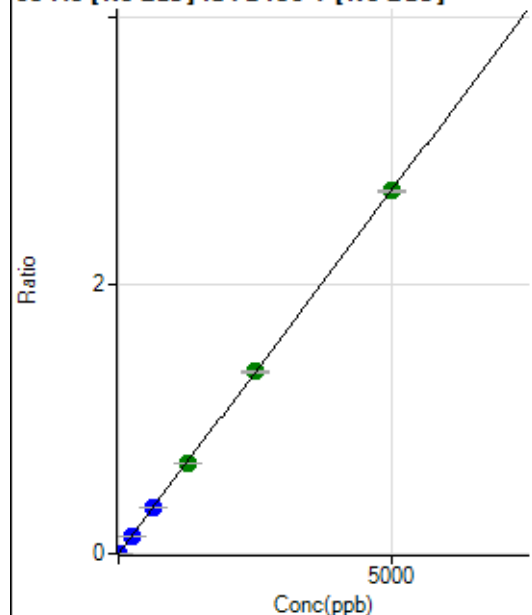
$$DL = 0.01666$$

$$BEC = 0.0116$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 69.45       | 0.0000 | P    | 45.3 |
| 2 | <input type="checkbox"/> | 0.500    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.367      | 35564.83    | 0.0024 | P    | 2.8  |
| 4 | <input type="checkbox"/> | 250.000  | 247.870    | 2003690.58  | 0.1342 | P    | 0.4  |
| 5 | <input type="checkbox"/> | 625.000  | 625.032    | 5094363.39  | 0.3383 | P    | 0.8  |
| 6 | <input type="checkbox"/> | 1250.000 | 1246.174   | 10112601.96 | 0.6745 | A    | 0.6  |
| 7 | <input type="checkbox"/> | 2500.000 | 2509.534   | 20421428.93 | 1.3583 | A    | 0.8  |
| 8 | <input type="checkbox"/> | 5000.000 | 4996.292   | 40824630.77 | 2.7043 | A    | 0.4  |
| 9 | <input type="checkbox"/> |          |            | 29358.85    | 0.0020 | P    | 3.8  |

$$y = 5.4127\text{E-}004 * x + 4.6507\text{E-}006$$

$$R = 1.0000$$

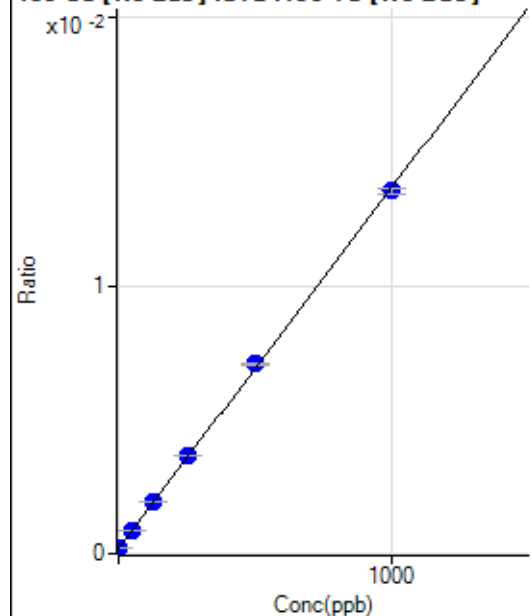
$$DL = 0.01168$$

$$BEC = 0.008592$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|-----------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 3522.82   | 0.0002 | P    | 2.8 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |        |      |     |
| 3 | <input type="checkbox"/> | 1.000    | 1.145      | 3775.70   | 0.0002 | P    | 2.2 |
| 4 | <input type="checkbox"/> | 50.000   | 50.886     | 16229.32  | 0.0009 | P    | 1.1 |
| 5 | <input type="checkbox"/> | 125.000  | 128.778    | 36138.85  | 0.0019 | P    | 0.9 |
| 6 | <input type="checkbox"/> | 250.000  | 257.587    | 68873.83  | 0.0037 | P    | 0.9 |
| 7 | <input type="checkbox"/> | 500.000  | 511.390    | 132795.55 | 0.0071 | P    | 0.8 |
| 8 | <input type="checkbox"/> | 1000.000 | 991.891    | 256202.15 | 0.0135 | P    | 1.5 |
| 9 | <input type="checkbox"/> |          |            | 3383.88   | 0.0002 | P    | 2.1 |

$$y = 1.3458\text{E-}005 * x + 1.8789\text{E-}004$$

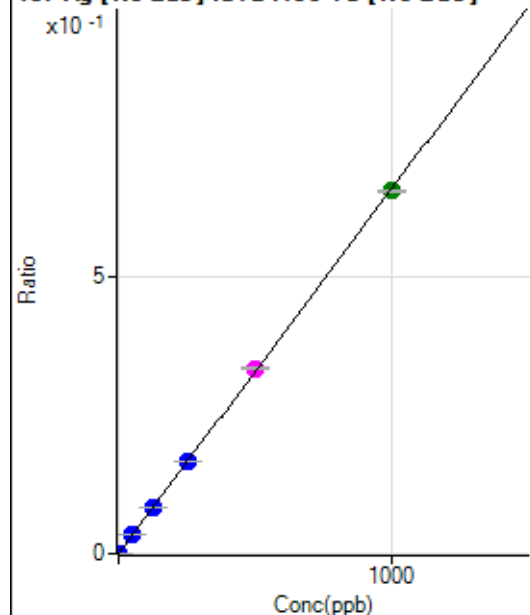
$$R = 0.9999$$

$$DL = 1.178$$

$$BEC = 13.96$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 358.36      | 0.0000 | P    | 43.2 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.958      | 12069.43    | 0.0006 | P    | 2.8  |
| 4 | <input type="checkbox"/> | 50.000   | 51.564     | 631814.52   | 0.0340 | P    | 0.6  |
| 5 | <input type="checkbox"/> | 125.000  | 127.409    | 1578742.02  | 0.0839 | P    | 0.2  |
| 6 | <input type="checkbox"/> | 250.000  | 252.699    | 3136460.44  | 0.1664 | P    | 0.3  |
| 7 | <input type="checkbox"/> | 500.000  | 507.608    | 6278669.93  | 0.3343 | M    | 0.7  |
| 8 | <input type="checkbox"/> | 1000.000 | 995.142    | 12402931.01 | 0.6553 | A    | 0.8  |
| 9 | <input type="checkbox"/> |          |            | 1786.31     | 0.0001 | P    | 15.2 |

$$y = 6.5850\text{E-}004 * x + 1.9118\text{E-}005$$

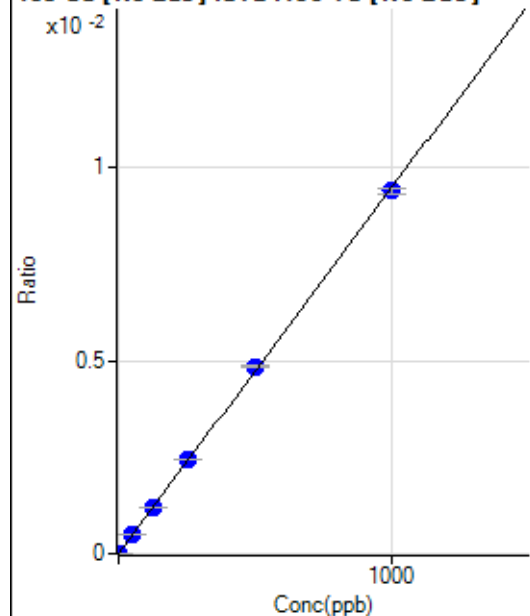
$$R = 1.0000$$

$$DL = 0.0376$$

$$BEC = 0.02903$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 5.56      | 0.0000 | P    | 173. |
| 2 | <input type="checkbox"/> | 0.100    |            |           |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.949      | 172.23    | 0.0000 | P    | 33.7 |
| 4 | <input type="checkbox"/> | 50.000   | 51.426     | 9064.18   | 0.0005 | P    | 0.4  |
| 5 | <input type="checkbox"/> | 125.000  | 127.857    | 22789.46  | 0.0012 | P    | 0.1  |
| 6 | <input type="checkbox"/> | 250.000  | 257.629    | 45996.85  | 0.0024 | P    | 0.9  |
| 7 | <input type="checkbox"/> | 500.000  | 511.362    | 90981.21  | 0.0048 | P    | 0.6  |
| 8 | <input type="checkbox"/> | 1000.000 | 991.984    | 177842.03 | 0.0094 | P    | 1.3  |
| 9 | <input type="checkbox"/> |          |            | 45.83     | 0.0000 | P    | 17.8 |

$$y = 9.4720\text{E-}006 * x + 2.9667\text{E-}007$$

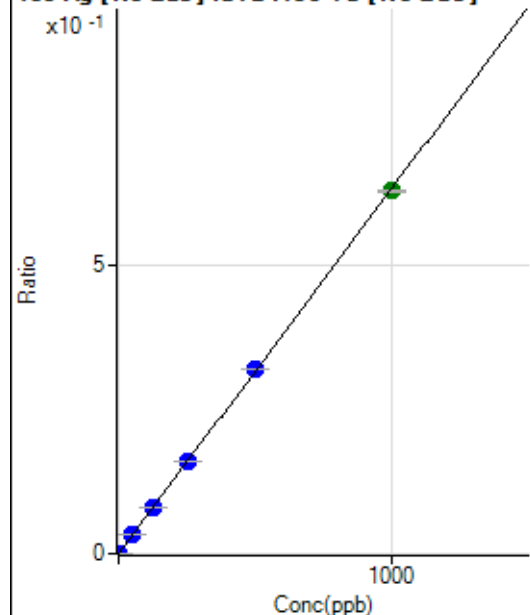
$$R = 0.9999$$

$$DL = 0.1627$$

$$BEC = 0.03132$$

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      | 294.46      | 0.0000 | P    | 28.7 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.918      | 11076.98    | 0.0006 | P    | 5.3  |
| 4 | <input type="checkbox"/> | 50.000   | 51.917     | 610951.64   | 0.0329 | P    | 0.5  |
| 5 | <input type="checkbox"/> | 125.000  | 127.957    | 1522860.26  | 0.0809 | P    | 0.1  |
| 6 | <input type="checkbox"/> | 250.000  | 254.138    | 3029658.81  | 0.1608 | P    | 0.4  |
| 7 | <input type="checkbox"/> | 500.000  | 507.670    | 6031294.19  | 0.3211 | P    | 0.2  |
| 8 | <input type="checkbox"/> | 1000.000 | 994.665    | 11907450.87 | 0.6291 | A    | 0.4  |
| 9 | <input type="checkbox"/> |          |            | 1608.49     | 0.0001 | P    | 8.4  |

$$y = 6.3249\text{E-}004 * x + 1.5708\text{E-}005$$

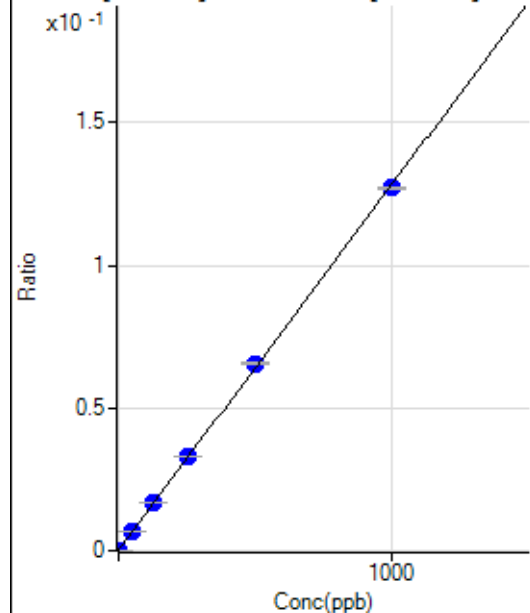
$$R = 0.9999$$

$$DL = 0.0214$$

$$BEC = 0.02483$$

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      | 2481.53    | 0.0001 | P    | 2.8 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.947      | 4710.14    | 0.0003 | P    | 0.5 |
| 4 | <input type="checkbox"/> | 50.000   | 52.685     | 127893.58  | 0.0069 | P    | 0.2 |
| 5 | <input type="checkbox"/> | 125.000  | 129.944    | 315460.30  | 0.0168 | P    | 0.1 |
| 6 | <input type="checkbox"/> | 250.000  | 256.870    | 622262.48  | 0.0330 | P    | 0.4 |
| 7 | <input type="checkbox"/> | 500.000  | 511.014    | 1231257.97 | 0.0656 | P    | 0.7 |
| 8 | <input type="checkbox"/> | 1000.000 | 992.023    | 2406221.47 | 0.1271 | P    | 0.4 |
| 9 | <input type="checkbox"/> |          |            | 2696.37    | 0.0001 | P    | 0.8 |

$$y = 1.2802\text{E-}004 * x + 1.3235\text{E-}004$$

$$R = 0.9999$$

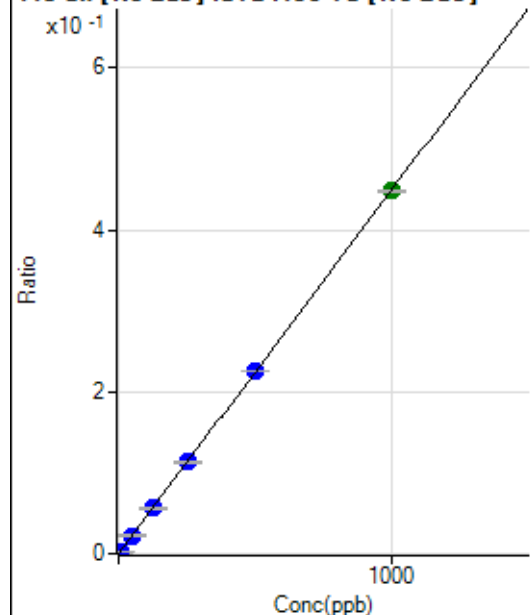
$$DL = 0.08723$$

$$BEC = 1.034$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 794.50     | 0.0000 | P    | 2.7 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 5.000    | 4.515      | 38442.40   | 0.0021 | P    | 2.2 |
| 4 | <input type="checkbox"/> | 50.000   | 50.165     | 419744.76  | 0.0226 | P    | 0.5 |
| 5 | <input type="checkbox"/> | 125.000  | 124.467    | 1052372.51 | 0.0559 | P    | 1.0 |
| 6 | <input type="checkbox"/> | 250.000  | 251.259    | 2127415.30 | 0.1129 | P    | 0.1 |
| 7 | <input type="checkbox"/> | 500.000  | 503.297    | 4246159.95 | 0.2261 | P    | 0.2 |
| 8 | <input type="checkbox"/> | 1000.000 | 998.098    | 8484462.17 | 0.4483 | A    | 0.5 |
| 9 | <input type="checkbox"/> |          |            | 11127.08   | 0.0006 | P    | 1.2 |

$$y = 4.4909\text{E-}004 * x + 4.2375\text{E-}005$$

$$R = 1.0000$$

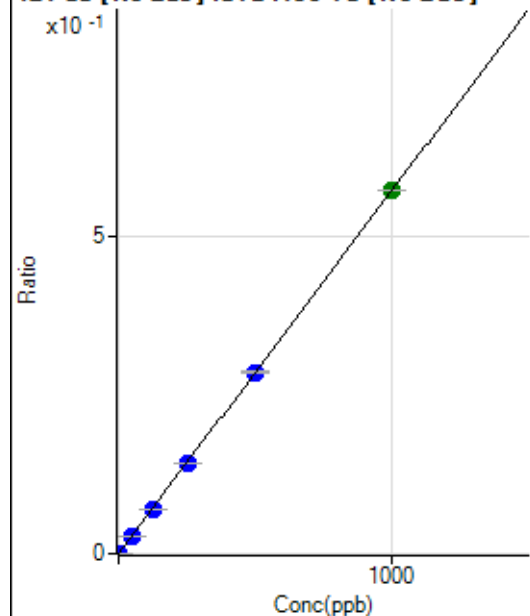
$$DL = 0.007682$$

$$BEC = 0.09436$$

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      | 130.56      | 0.0000 | P    | 20.4 |
| 2 | <input type="checkbox"/> | 0.200    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 2.000    | 1.747      | 18635.26    | 0.0010 | P    | 1.5  |
| 4 | <input type="checkbox"/> | 50.000   | 48.972     | 519720.77   | 0.0279 | P    | 1.2  |
| 5 | <input type="checkbox"/> | 125.000  | 123.415    | 1324764.56  | 0.0704 | P    | 1.2  |
| 6 | <input type="checkbox"/> | 250.000  | 247.540    | 2661824.13  | 0.1412 | P    | 0.1  |
| 7 | <input type="checkbox"/> | 500.000  | 500.785    | 5366567.52  | 0.2857 | P    | 0.3  |
| 8 | <input type="checkbox"/> | 1000.000 | 1000.472   | 10803593.73 | 0.5708 | A    | 0.1  |
| 9 | <input type="checkbox"/> |          |            | 27683.59    | 0.0015 | P    | 3.7  |

$$y = 5.7053\text{E-}004 * x + 6.9627\text{E-}006$$

$$R = 1.0000$$

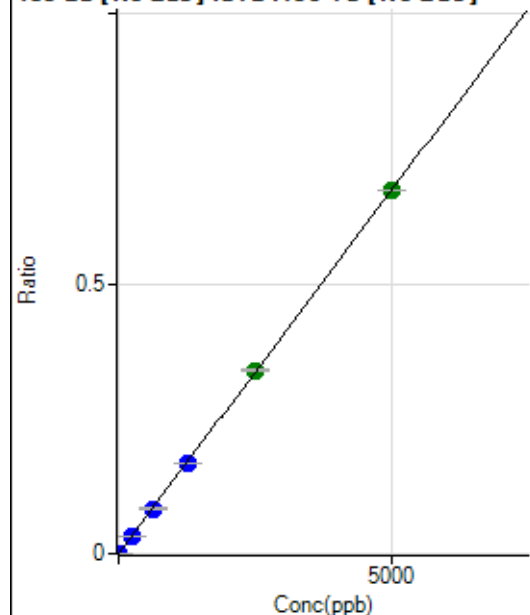
$$DL = 0.007483$$

$$BEC = 0.0122$$

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      | 91.67       | 0.0000 | P    | 48.0 |
| 2 | <input type="checkbox"/> | 1.000    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 10.000   | 8.795      | 22090.69    | 0.0012 | P    | 2.8  |
| 4 | <input type="checkbox"/> | 250.000  | 247.652    | 620387.03   | 0.0334 | P    | 0.6  |
| 5 | <input type="checkbox"/> | 625.000  | 619.602    | 1570018.52  | 0.0835 | P    | 1.0  |
| 6 | <input type="checkbox"/> | 1250.000 | 1236.945   | 3139882.58  | 0.1666 | P    | 0.0  |
| 7 | <input type="checkbox"/> | 2500.000 | 2522.967   | 6382447.19  | 0.3398 | A    | 0.8  |
| 8 | <input type="checkbox"/> | 5000.000 | 4992.575   | 12726947.24 | 0.6724 | A    | 0.1  |
| 9 | <input type="checkbox"/> |          |            | 3672.89     | 0.0002 | P    | 7.6  |

$$y = 1.3468\text{E-}004 * x + 4.8886\text{E-}006$$

$$R = 1.0000$$

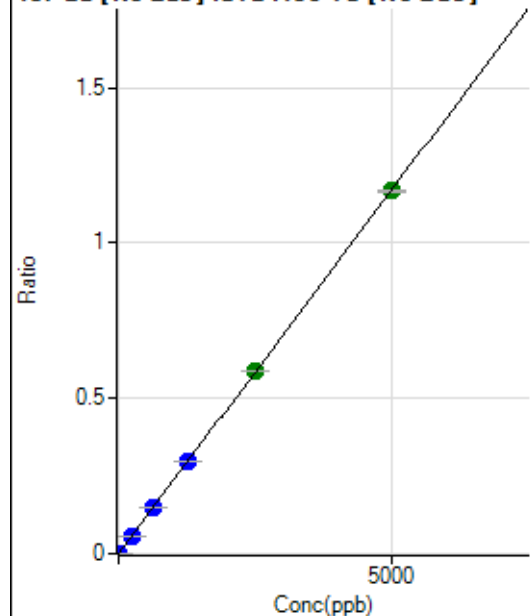
$$DL = 0.05232$$

$$BEC = 0.0363$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 205.57      | 0.0000 | P    | 26.9 |
| 2 | <input type="checkbox"/> | 1.000    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 10.000   | 8.904      | 38886.12    | 0.0021 | P    | 1.7  |
| 4 | <input type="checkbox"/> | 250.000  | 249.213    | 1084416.47  | 0.0583 | P    | 0.1  |
| 5 | <input type="checkbox"/> | 625.000  | 625.886    | 2754774.80  | 0.1464 | P    | 0.8  |
| 6 | <input type="checkbox"/> | 1250.000 | 1259.626   | 5553895.35  | 0.2947 | P    | 0.4  |
| 7 | <input type="checkbox"/> | 2500.000 | 2513.628   | 11045042.96 | 0.5880 | A    | 0.6  |
| 8 | <input type="checkbox"/> | 5000.000 | 4990.710   | 22097827.06 | 1.1675 | A    | 0.3  |
| 9 | <input type="checkbox"/> |          |            | 6726.92     | 0.0004 | P    | 5.6  |

$$y = 2.3394\text{E-}004 * x + 1.0963\text{E-}005$$

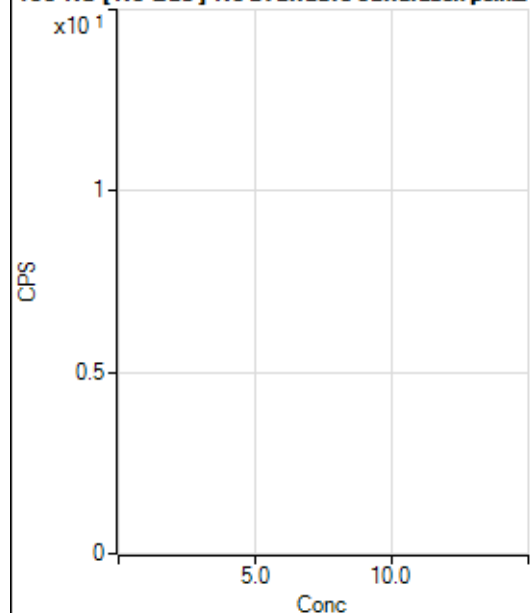
$$R = 1.0000$$

$$DL = 0.03788$$

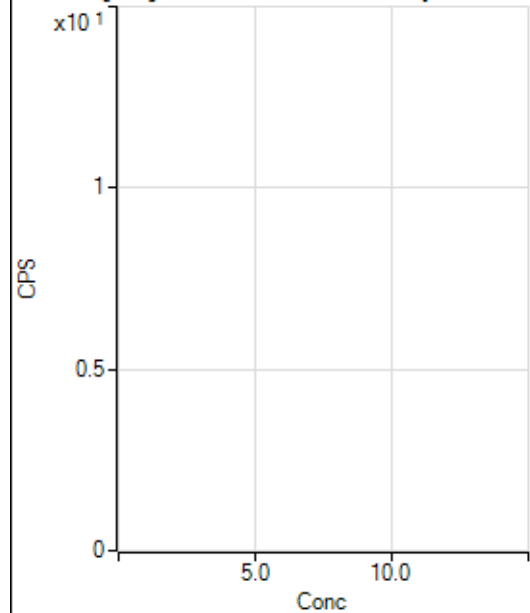
$$BEC = 0.04686$$

Weight: &lt;None&gt;

Min Conc: 0

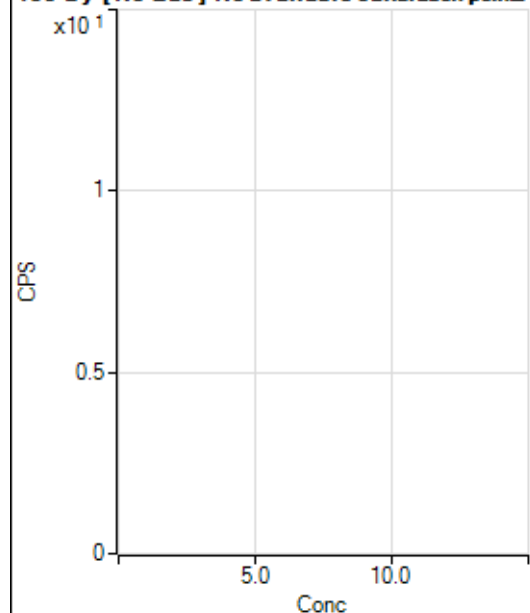
**150 Nd [ No Gas ] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 13.33  |       | P        | 50.0 |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 6.67   |       | P        | 100. |
| 4 | <input type="checkbox"/> |       |            | 33.33  |       | P        | 20.0 |
| 5 | <input type="checkbox"/> |       |            | 71.11  |       | P        | 44.3 |
| 6 | <input type="checkbox"/> |       |            | 153.34 |       | P        | 15.7 |
| 7 | <input type="checkbox"/> |       |            | 282.24 |       | P        | 12.1 |
| 8 | <input type="checkbox"/> |       |            | 515.59 |       | P        | 18.8 |
| 9 | <input type="checkbox"/> |       |            | 115.56 |       | P        | 53.3 |

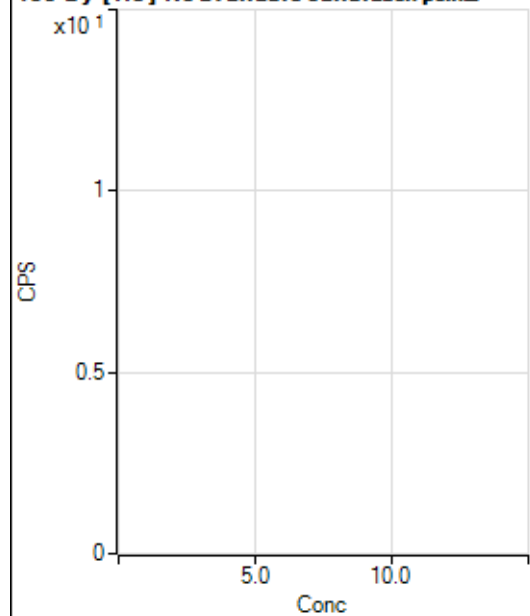
**150 Nd [ He ] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 4.45  |       | P        | 86.6 |
| 2 | <input type="checkbox"/> |       |            |       |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 1.11  |       | P        | 173. |
| 4 | <input type="checkbox"/> |       |            | 4.44  |       | P        | 43.4 |
| 5 | <input type="checkbox"/> |       |            | 8.89  |       | P        | 78.1 |
| 6 | <input type="checkbox"/> |       |            | 16.67 |       | P        | 20.0 |
| 7 | <input type="checkbox"/> |       |            | 33.34 |       | P        | 17.3 |
| 8 | <input type="checkbox"/> |       |            | 46.67 |       | P        | 28.6 |
| 9 | <input type="checkbox"/> |       |            | 31.11 |       | P        | 16.4 |

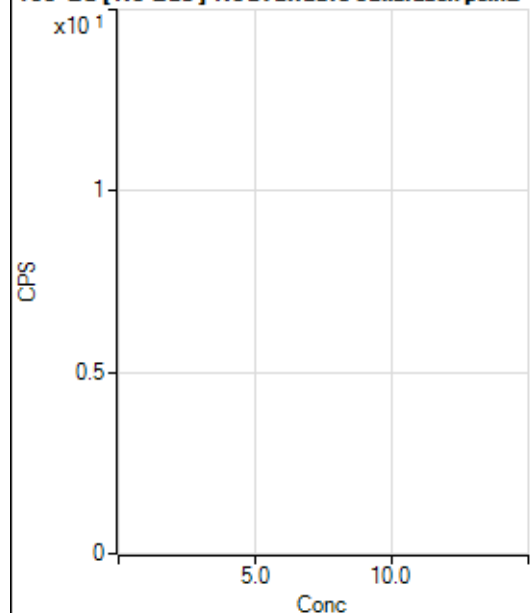


**156 Dy [ No Gas ] No available calibration points**

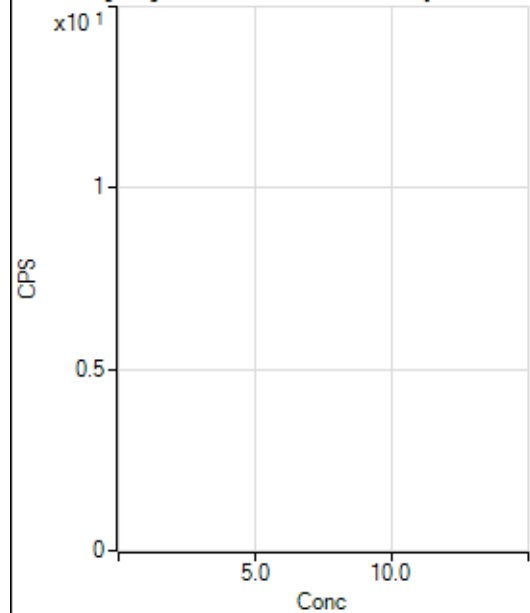
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 19.45  |       | P        | 24.7 |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 11.11  |       | P        | 173. |
| 4 | <input type="checkbox"/> |       |            | 22.22  |       | P        | 108. |
| 5 | <input type="checkbox"/> |       |            | 41.67  |       | P        | 34.7 |
| 6 | <input type="checkbox"/> |       |            | 63.89  |       | P        | 7.5  |
| 7 | <input type="checkbox"/> |       |            | 86.11  |       | P        | 11.2 |
| 8 | <input type="checkbox"/> |       |            | 183.34 |       | P        | 34.3 |
| 9 | <input type="checkbox"/> |       |            | 77.78  |       | P        | 43.3 |

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

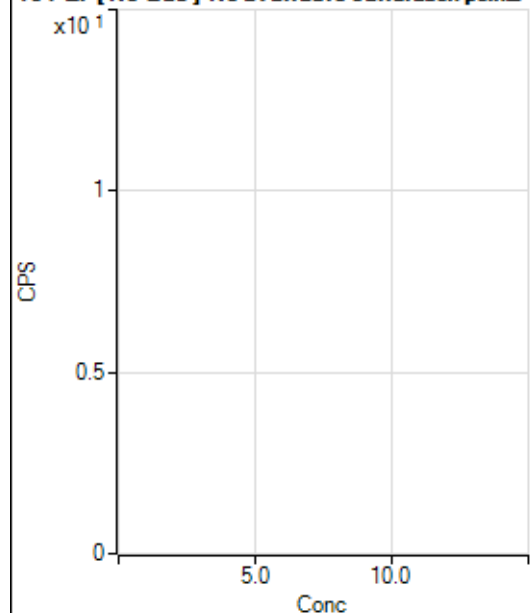
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 3.33   |       | P        | 173. |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 6.67   |       | P        | 0.0  |
| 4 | <input type="checkbox"/> |       |            | 12.22  |       | P        | 31.5 |
| 5 | <input type="checkbox"/> |       |            | 11.11  |       | P        | 124. |
| 6 | <input type="checkbox"/> |       |            | 40.00  |       | P        | 30.0 |
| 7 | <input type="checkbox"/> |       |            | 53.34  |       | P        | 38.0 |
| 8 | <input type="checkbox"/> |       |            | 107.78 |       | P        | 15.3 |
| 9 | <input type="checkbox"/> |       |            | 40.00  |       | P        | 30.0 |

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

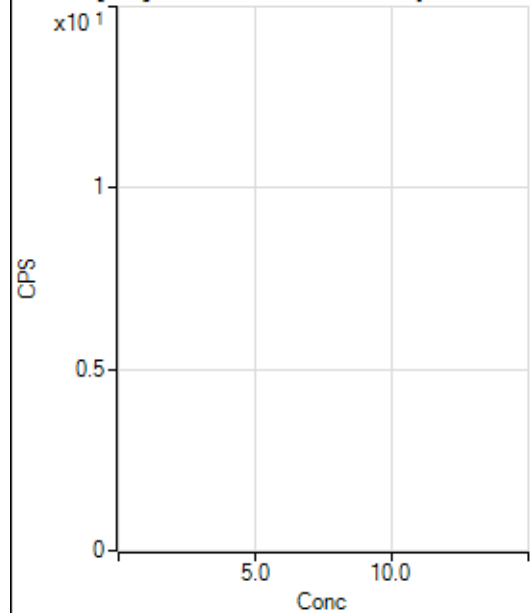
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 77.78  |       | P        | 22.3 |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 77.78  |       | P        | 32.7 |
| 4 | <input type="checkbox"/> |       |            | 77.78  |       | P        | 16.4 |
| 5 | <input type="checkbox"/> |       |            | 94.45  |       | P        | 31.0 |
| 6 | <input type="checkbox"/> |       |            | 108.34 |       | P        | 33.5 |
| 7 | <input type="checkbox"/> |       |            | 119.45 |       | P        | 45.4 |
| 8 | <input type="checkbox"/> |       |            | 163.89 |       | P        | 23.5 |
| 9 | <input type="checkbox"/> |       |            | 119.45 |       | P        | 31.5 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 116.67 |       | P        | 23.4 |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 93.34  |       | P        | 27.0 |
| 4 | <input type="checkbox"/> |       |            | 65.56  |       | P        | 25.6 |
| 5 | <input type="checkbox"/> |       |            | 103.34 |       | P        | 16.1 |
| 6 | <input type="checkbox"/> |       |            | 88.89  |       | P        | 12.1 |
| 7 | <input type="checkbox"/> |       |            | 101.12 |       | P        | 13.3 |
| 8 | <input type="checkbox"/> |       |            | 130.00 |       | P        | 9.2  |
| 9 | <input type="checkbox"/> |       |            | 118.89 |       | P        | 15.4 |

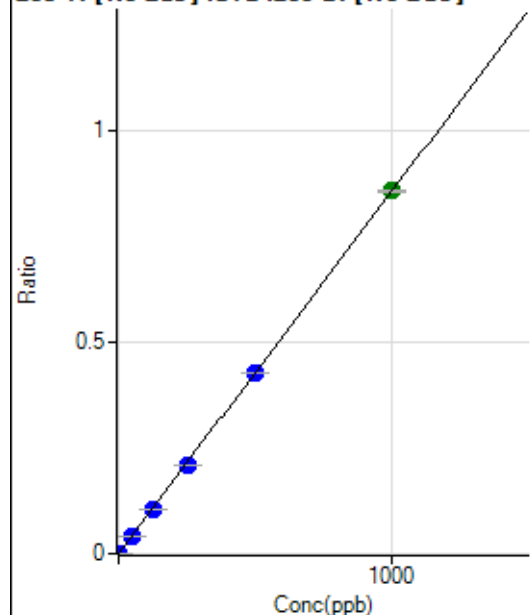
**164 Er [ No Gas ] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 44.45 |       | P        | 57.3 |
| 2 | <input type="checkbox"/> |       |            |       |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 63.89 |       | P        | 39.8 |
| 4 | <input type="checkbox"/> |       |            | 63.89 |       | P        | 54.3 |
| 5 | <input type="checkbox"/> |       |            | 72.23 |       | P        | 24.0 |
| 6 | <input type="checkbox"/> |       |            | 80.56 |       | P        | 15.8 |
| 7 | <input type="checkbox"/> |       |            | 72.23 |       | P        | 24.0 |
| 8 | <input type="checkbox"/> |       |            | 75.01 |       | P        | 29.4 |
| 9 | <input type="checkbox"/> |       |            | 77.78 |       | P        | 32.7 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 31.11 |       | P        | 16.4 |
| 2 | <input type="checkbox"/> |       |            |       |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 37.78 |       | P        | 10.2 |
| 4 | <input type="checkbox"/> |       |            | 25.56 |       | P        | 19.9 |
| 5 | <input type="checkbox"/> |       |            | 15.55 |       | P        | 44.6 |
| 6 | <input type="checkbox"/> |       |            | 34.44 |       | P        | 24.3 |
| 7 | <input type="checkbox"/> |       |            | 35.56 |       | P        | 84.0 |
| 8 | <input type="checkbox"/> |       |            | 32.22 |       | P        | 21.5 |
| 9 | <input type="checkbox"/> |       |            | 46.67 |       | P        | 18.9 |

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 138.90     | 0.0000 | P    | 29.8 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.888      | 9022.87    | 0.0008 | P    | 1.6  |
| 4 | <input type="checkbox"/> | 50.000   | 48.422     | 485255.50  | 0.0414 | P    | 0.3  |
| 5 | <input type="checkbox"/> | 125.000  | 122.656    | 1231314.38 | 0.1049 | P    | 0.4  |
| 6 | <input type="checkbox"/> | 250.000  | 244.787    | 2461076.21 | 0.2094 | P    | 0.6  |
| 7 | <input type="checkbox"/> | 500.000  | 498.779    | 4936917.21 | 0.4266 | P    | 0.3  |
| 8 | <input type="checkbox"/> | 1000.000 | 1002.285   | 9767280.60 | 0.8572 | A    | 0.3  |
| 9 | <input type="checkbox"/> |          |            | 4356.46    | 0.0004 | P    | 7.1  |

$$y = 8.5521\text{E-}004 * x + 1.1661\text{E-}005$$

$$R = 1.0000$$

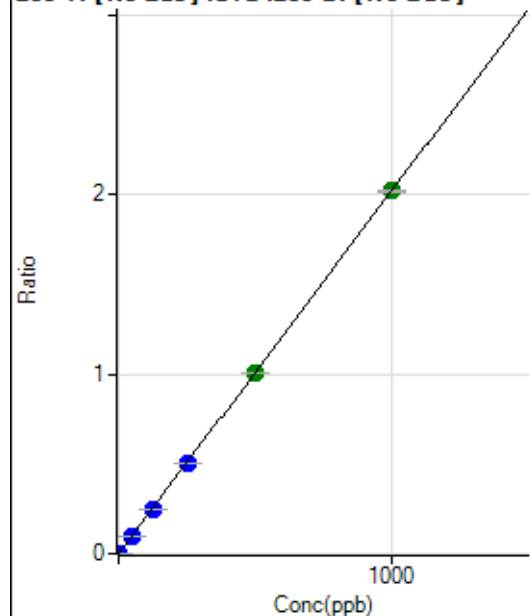
$$DL = 0.01217$$

$$BEC = 0.01364$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 305.57      | 0.0000 | P    | 18.0 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.889      | 21317.99    | 0.0018 | P    | 1.9  |
| 4 | <input type="checkbox"/> | 50.000   | 48.840     | 1155646.27  | 0.0987 | P    | 0.6  |
| 5 | <input type="checkbox"/> | 125.000  | 123.608    | 2929884.98  | 0.2496 | P    | 0.4  |
| 6 | <input type="checkbox"/> | 250.000  | 249.893    | 5932228.95  | 0.5046 | P    | 0.7  |
| 7 | <input type="checkbox"/> | 500.000  | 499.811    | 11681102.60 | 1.0093 | A    | 0.2  |
| 8 | <input type="checkbox"/> | 1000.000 | 1000.354   | 23018046.87 | 2.0201 | A    | 0.4  |
| 9 | <input type="checkbox"/> |          |            | 10301.69    | 0.0010 | P    | 3.5  |

$$y = 0.0020 * x + 2.5639\text{E-}005$$

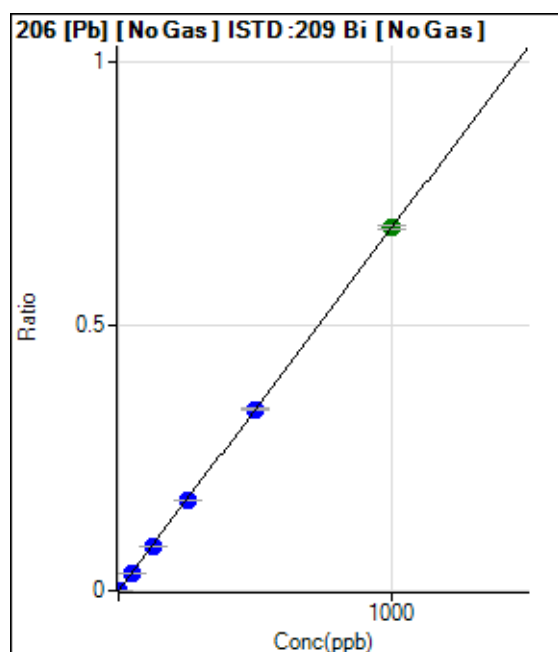
$$R = 1.0000$$

$$DL = 0.006852$$

$$BEC = 0.0127$$

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      | 946.36     | 0.0001 | P    | 3.8 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.869      | 7904.42    | 0.0007 | P    | 1.8 |
| 4 | <input type="checkbox"/> | 50.000   | 49.990     | 402360.00  | 0.0343 | P    | 0.5 |
| 5 | <input type="checkbox"/> | 125.000  | 123.557    | 995008.24  | 0.0848 | P    | 0.6 |
| 6 | <input type="checkbox"/> | 250.000  | 248.524    | 2003560.03 | 0.1704 | P    | 0.5 |
| 7 | <input type="checkbox"/> | 500.000  | 499.966    | 3967352.61 | 0.3428 | P    | 0.5 |
| 8 | <input type="checkbox"/> | 1000.000 | 1000.567   | 7816051.16 | 0.6860 | A    | 0.9 |
| 9 | <input type="checkbox"/> |          |            | 10864.00   | 0.0011 | P    | 0.7 |

$$y = 6.8549\text{E-}004 * x + 7.9423\text{E-}005$$

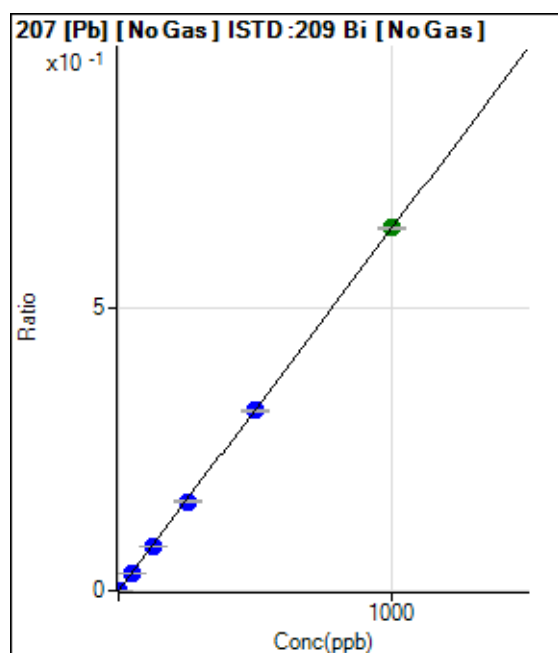
$$R = 1.0000$$

$$DL = 0.01308$$

$$BEC = 0.1159$$

Weight: <None>

Min Conc: 0



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 911.17     | 0.0001 | P    | 1.4 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.861      | 7335.52    | 0.0006 | P    | 2.6 |
| 4 | <input type="checkbox"/> | 50.000   | 49.516     | 371461.07  | 0.0317 | P    | 0.2 |
| 5 | <input type="checkbox"/> | 125.000  | 123.292    | 925335.82  | 0.0788 | P    | 0.3 |
| 6 | <input type="checkbox"/> | 250.000  | 246.183    | 1849583.61 | 0.1573 | P    | 1.0 |
| 7 | <input type="checkbox"/> | 500.000  | 497.247    | 3677248.78 | 0.3177 | P    | 0.3 |
| 8 | <input type="checkbox"/> | 1000.000 | 1002.568   | 7298806.70 | 0.6406 | A    | 0.6 |
| 9 | <input type="checkbox"/> |          |            | 9740.85    | 0.0010 | P    | 2.6 |

$$y = 6.3883\text{E-}004 * x + 7.6464\text{E-}005$$

$$R = 1.0000$$

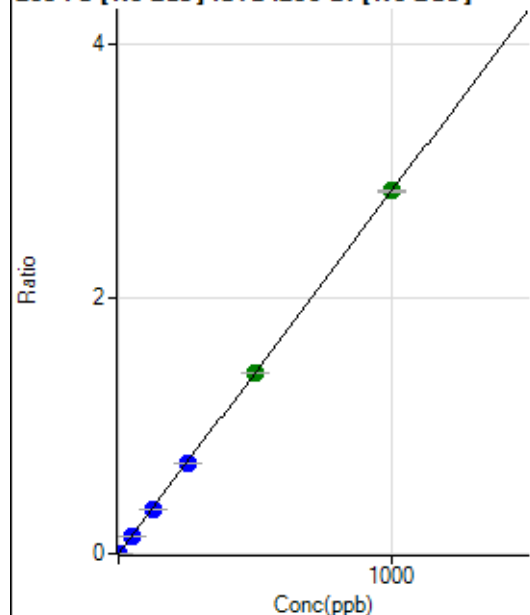
$$DL = 0.005202$$

$$BEC = 0.1197$$

Weight: <None>

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      | 3935.53     | 0.0003 | P   | 2.1 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |     |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.883      | 33234.08    | 0.0028 | P   | 1.2 |
| 4 | <input type="checkbox"/> | 50.000   | 49.541     | 1653357.26  | 0.1411 | P   | 0.2 |
| 5 | <input type="checkbox"/> | 125.000  | 123.417    | 4120908.08  | 0.3511 | P   | 0.0 |
| 6 | <input type="checkbox"/> | 250.000  | 247.869    | 8285258.29  | 0.7048 | P   | 0.7 |
| 7 | <input type="checkbox"/> | 500.000  | 499.791    | 16443906.04 | 1.4208 | A   | 0.2 |
| 8 | <input type="checkbox"/> | 1000.000 | 1000.858   | 32417586.26 | 2.8450 | A   | 0.5 |
| 9 | <input type="checkbox"/> |          |            | 43714.37    | 0.0043 | P   | 1.6 |

$$y = 0.0028 * x + 3.3026E-004$$

$$R = 1.0000$$

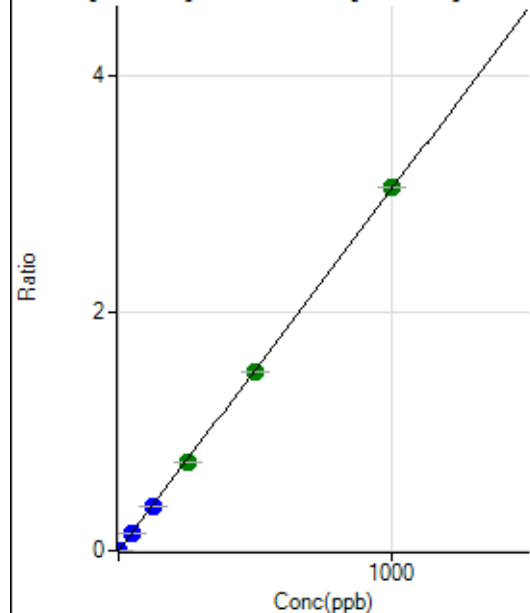
$$DL = 0.007293$$

$$BEC = 0.1162$$

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      | 247.24      | 0.0000 | P   | 13.7 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.844      | 30249.97    | 0.0026 | P   | 1.9  |
| 4 | <input type="checkbox"/> | 50.000   | 47.800     | 1701445.63  | 0.1452 | P   | 0.2  |
| 5 | <input type="checkbox"/> | 125.000  | 122.038    | 4351915.81  | 0.3708 | P   | 0.6  |
| 6 | <input type="checkbox"/> | 250.000  | 244.564    | 8734591.25  | 0.7430 | A   | 0.4  |
| 7 | <input type="checkbox"/> | 500.000  | 496.220    | 17447968.44 | 1.5076 | A   | 0.1  |
| 8 | <input type="checkbox"/> | 1000.000 | 1003.729   | 34747847.65 | 3.0495 | A   | 0.2  |
| 9 | <input type="checkbox"/> |          |            | 3245.02     | 0.0003 | P   | 3.8  |

$$y = 0.0030 * x + 2.0750E-005$$

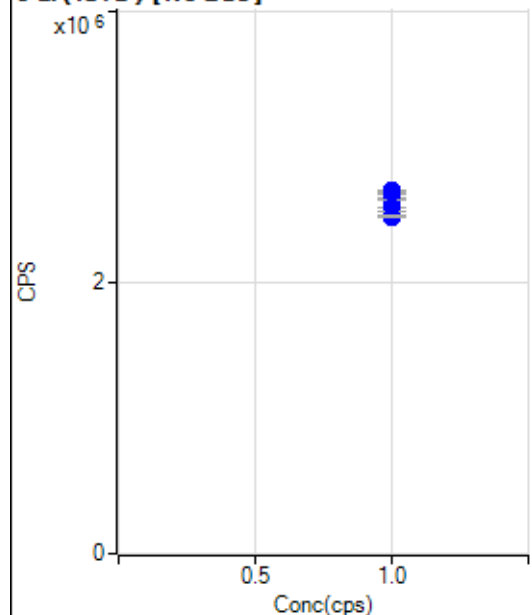
$$R = 1.0000$$

$$DL = 0.002806$$

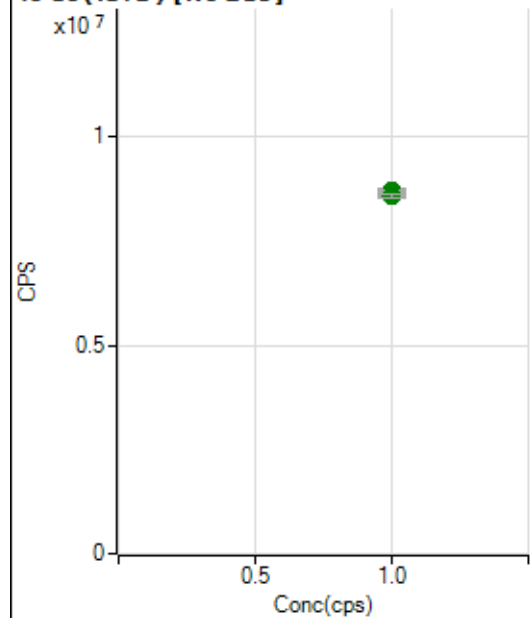
$$BEC = 0.00683$$

Weight: &lt;None&gt;

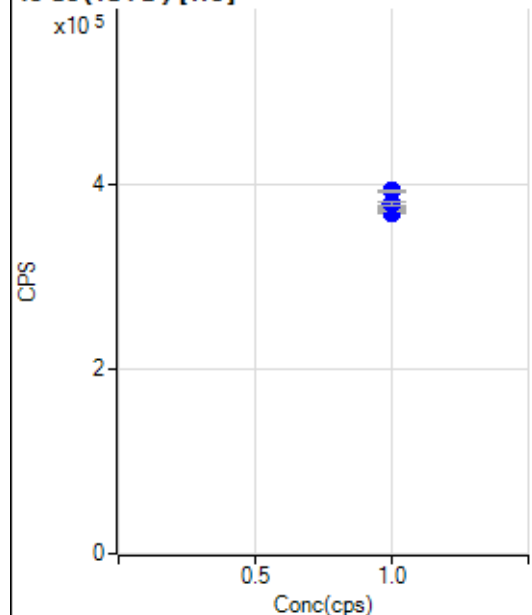
Min Conc: 0

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

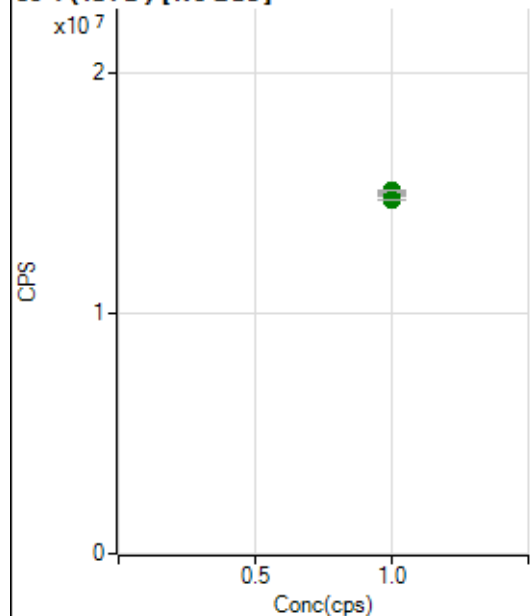
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 2674550.03 |       | P        | 0.1 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 2662977.91 |       | P        | 0.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 2654038.54 |       | P        | 0.2 |
| 5 | <input type="checkbox"/> | 1.000 |            | 2623978.73 |       | P        | 0.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 2608257.53 |       | P        | 0.1 |
| 7 | <input type="checkbox"/> | 1.000 |            | 2552578.29 |       | P        | 0.3 |
| 8 | <input type="checkbox"/> | 1.000 |            | 2520775.85 |       | P        | 0.1 |
| 9 | <input type="checkbox"/> | 1.000 |            | 2486105.95 |       | P        | 0.3 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 8642998.37 |       | A        | 0.3 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 8694415.21 |       | A        | 1.2 |
| 4 | <input type="checkbox"/> | 1.000 |            | 8617169.03 |       | A        | 0.3 |
| 5 | <input type="checkbox"/> | 1.000 |            | 8638019.64 |       | A        | 0.5 |
| 6 | <input type="checkbox"/> | 1.000 |            | 8610446.81 |       | A        | 0.2 |
| 7 | <input type="checkbox"/> | 1.000 |            | 8608444.64 |       | A        | 0.3 |
| 8 | <input type="checkbox"/> | 1.000 |            | 8706295.42 |       | A        | 0.1 |
| 9 | <input type="checkbox"/> | 1.000 |            | 8582341.86 |       | A        | 0.6 |

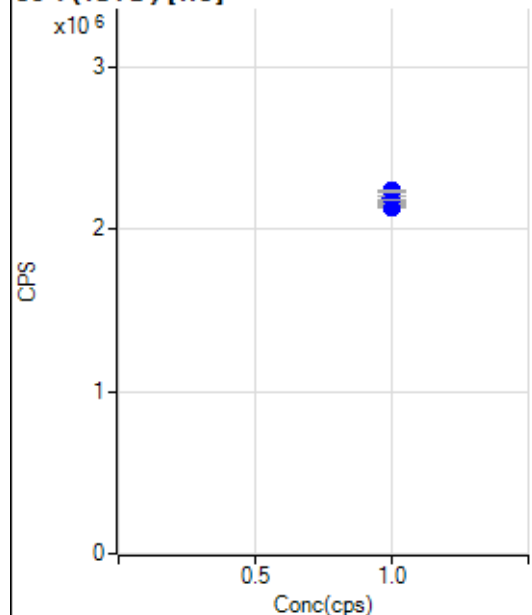
**45 Sc (ISTD) [He]**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 370161.67 |       | P        | 0.6 |
| 2 | <input type="checkbox"/> | 1.000 |            |           |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 374116.55 |       | P        | 0.2 |
| 4 | <input type="checkbox"/> | 1.000 |            | 370313.87 |       | P        | 0.1 |
| 5 | <input type="checkbox"/> | 1.000 |            | 368636.94 |       | P        | 0.2 |
| 6 | <input type="checkbox"/> | 1.000 |            | 369863.05 |       | P        | 0.3 |
| 7 | <input type="checkbox"/> | 1.000 |            | 371904.57 |       | P        | 0.6 |
| 8 | <input type="checkbox"/> | 1.000 |            | 378959.04 |       | P        | 1.1 |
| 9 | <input type="checkbox"/> | 1.000 |            | 393615.26 |       | P        | 0.8 |

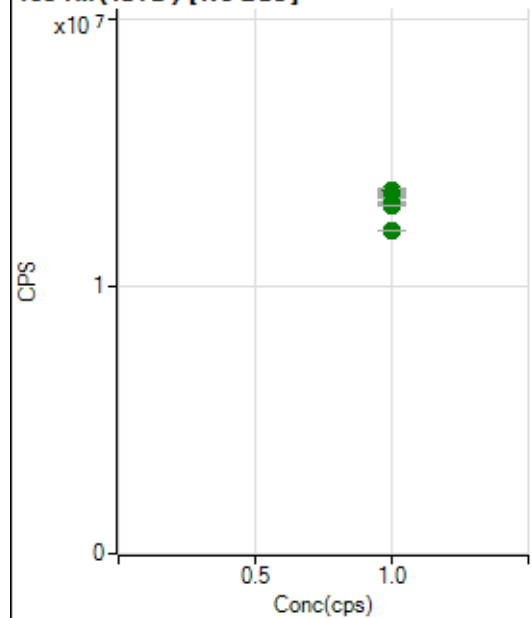
**89 Y (ISTD) [No Gas]**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 14925909.36 |       | A        | 0.2 |
| 2 | <input type="checkbox"/> | 1.000 |            |             |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 15017993.52 |       | A        | 0.8 |
| 4 | <input type="checkbox"/> | 1.000 |            | 14934142.00 |       | A        | 0.3 |
| 5 | <input type="checkbox"/> | 1.000 |            | 15058312.69 |       | A        | 0.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 14992593.39 |       | A        | 0.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 15034601.72 |       | A        | 0.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 15096068.53 |       | A        | 0.2 |
| 9 | <input type="checkbox"/> | 1.000 |            | 14701657.28 |       | A        | 0.2 |

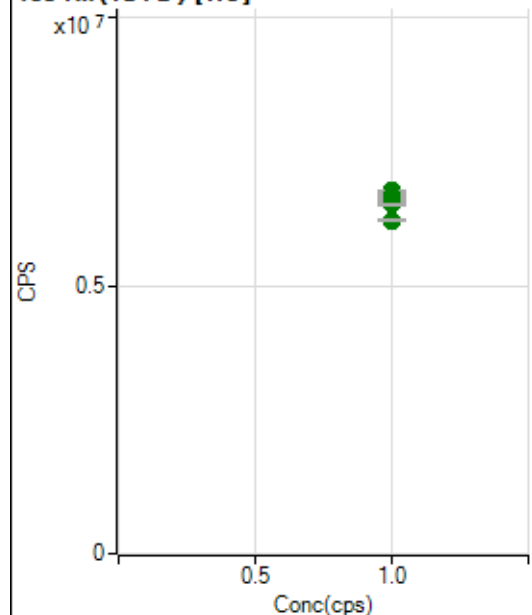


**89 Y (ISTD) [He]**

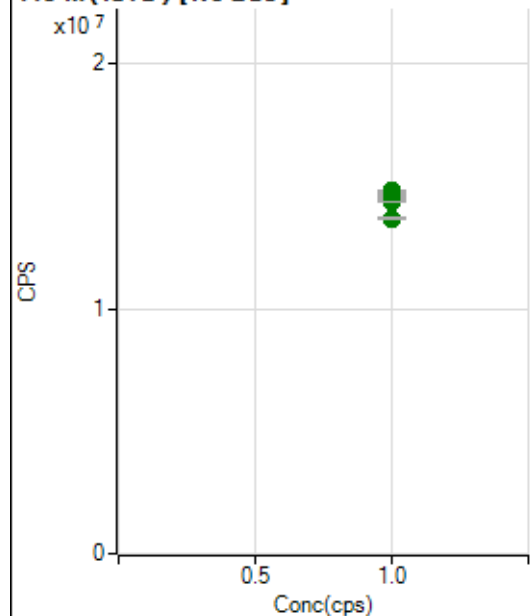
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 2136293.39 |       | P        | 0.6 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 2154414.27 |       | P        | 0.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 2138396.46 |       | P        | 0.1 |
| 5 | <input type="checkbox"/> | 1.000 |            | 2132232.89 |       | P        | 0.1 |
| 6 | <input type="checkbox"/> | 1.000 |            | 2140155.02 |       | P        | 0.3 |
| 7 | <input type="checkbox"/> | 1.000 |            | 2158861.13 |       | P        | 0.4 |
| 8 | <input type="checkbox"/> | 1.000 |            | 2188248.97 |       | P        | 0.7 |
| 9 | <input type="checkbox"/> | 1.000 |            | 2233181.22 |       | P        | 0.6 |

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

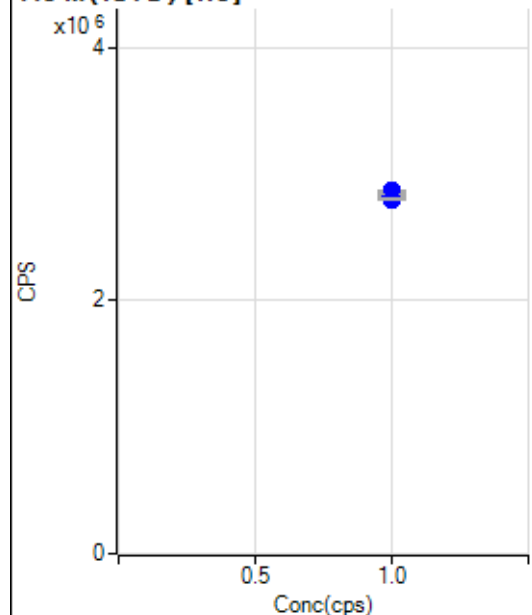
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 13522970.09 |       | A        | 0.5 |
| 2 | <input type="checkbox"/> | 1.000 |            |             |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 13553556.21 |       | A        | 1.0 |
| 4 | <input type="checkbox"/> | 1.000 |            | 13380279.81 |       | A        | 0.5 |
| 5 | <input type="checkbox"/> | 1.000 |            | 13411908.81 |       | A        | 0.2 |
| 6 | <input type="checkbox"/> | 1.000 |            | 13291356.98 |       | A        | 0.2 |
| 7 | <input type="checkbox"/> | 1.000 |            | 13101688.75 |       | A        | 0.2 |
| 8 | <input type="checkbox"/> | 1.000 |            | 12976835.88 |       | A        | 0.1 |
| 9 | <input type="checkbox"/> | 1.000 |            | 12059844.98 |       | A        | 0.1 |

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

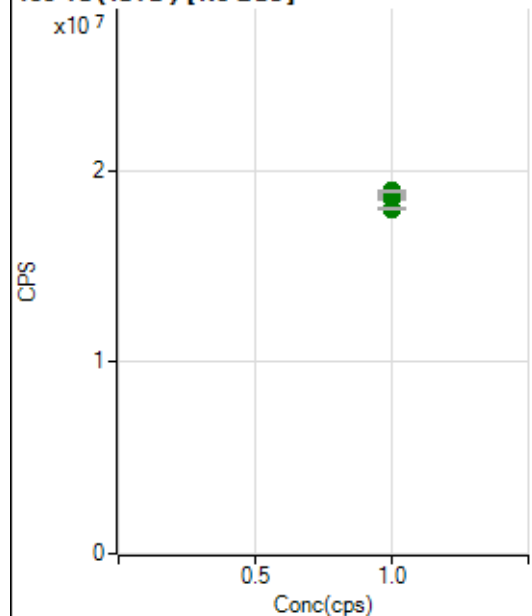
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 6750973.44 |       | A        | 0.1 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 6767614.48 |       | A        | 0.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 6683900.87 |       | A        | 0.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 6636188.93 |       | A        | 0.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 6586824.62 |       | A        | 0.2 |
| 7 | <input type="checkbox"/> | 1.000 |            | 6530274.69 |       | A        | 0.2 |
| 8 | <input type="checkbox"/> | 1.000 |            | 6515375.11 |       | A        | 0.5 |
| 9 | <input type="checkbox"/> | 1.000 |            | 6213780.81 |       | A        | 0.4 |

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

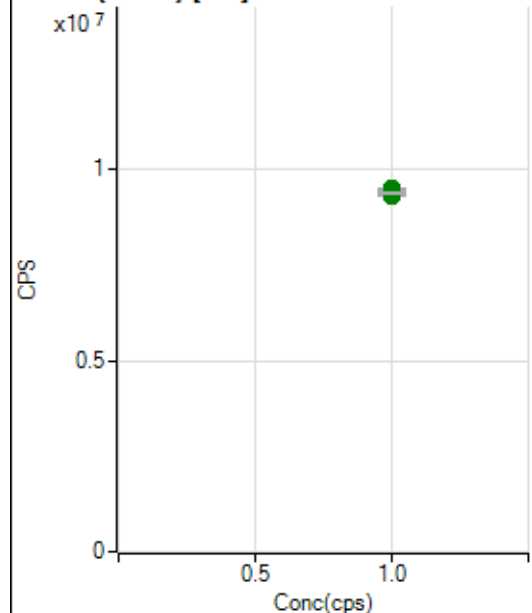
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 14799410.96 |       | A        | 0.2 |
| 2 | <input type="checkbox"/> | 1.000 |            |             |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 14765372.04 |       | A        | 0.8 |
| 4 | <input type="checkbox"/> | 1.000 |            | 14636750.54 |       | A        | 0.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 14682502.31 |       | A        | 0.6 |
| 6 | <input type="checkbox"/> | 1.000 |            | 14626520.58 |       | A        | 0.3 |
| 7 | <input type="checkbox"/> | 1.000 |            | 14489455.62 |       | A        | 0.3 |
| 8 | <input type="checkbox"/> | 1.000 |            | 14375997.37 |       | A        | 0.1 |
| 9 | <input type="checkbox"/> | 1.000 |            | 13659967.31 |       | A        | 0.5 |

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

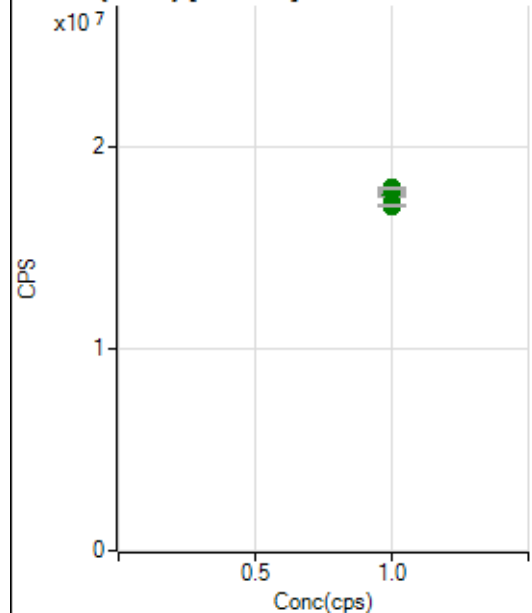
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 2858165.05 |       | P        | 0.3 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 2867387.51 |       | P        | 0.0 |
| 4 | <input type="checkbox"/> | 1.000 |            | 2868897.38 |       | P        | 0.3 |
| 5 | <input type="checkbox"/> | 1.000 |            | 2844373.71 |       | P        | 0.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 2848319.27 |       | P        | 0.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 2838623.69 |       | P        | 0.6 |
| 8 | <input type="checkbox"/> | 1.000 |            | 2829296.08 |       | P        | 0.7 |
| 9 | <input type="checkbox"/> | 1.000 |            | 2805495.69 |       | P        | 0.6 |

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

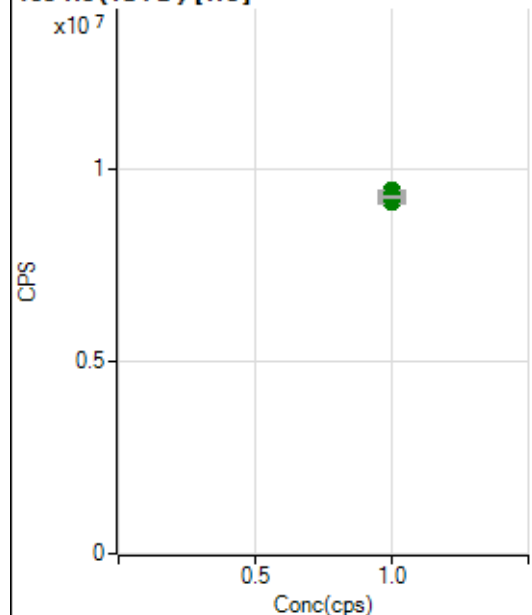
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 18749473.61 |       | A        | 0.1 |
| 2 | <input type="checkbox"/> | 1.000 |            |             |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 18573156.53 |       | A        | 0.7 |
| 4 | <input type="checkbox"/> | 1.000 |            | 18596858.47 |       | A        | 0.2 |
| 5 | <input type="checkbox"/> | 1.000 |            | 18813160.41 |       | A        | 0.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 18846670.41 |       | A        | 0.2 |
| 7 | <input type="checkbox"/> | 1.000 |            | 18782706.53 |       | A        | 0.2 |
| 8 | <input type="checkbox"/> | 1.000 |            | 18926990.41 |       | A        | 0.4 |
| 9 | <input type="checkbox"/> | 1.000 |            | 18003123.62 |       | A        | 0.5 |

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

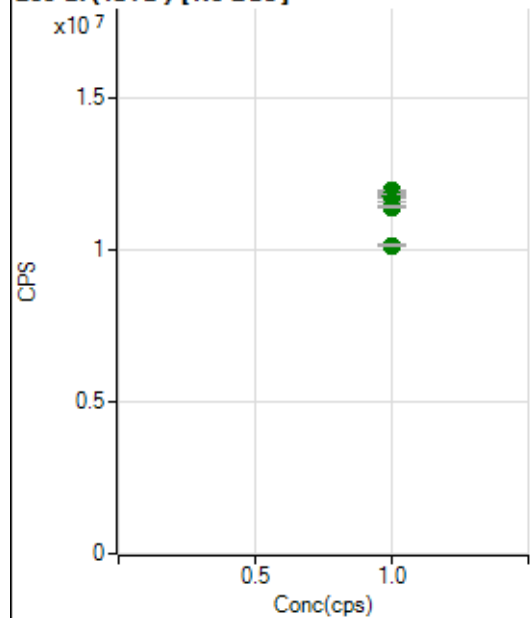
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 9419586.39 |       | A        | 0.4 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 9332278.61 |       | A        | 0.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 9302861.25 |       | A        | 0.2 |
| 5 | <input type="checkbox"/> | 1.000 |            | 9343231.11 |       | A        | 0.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 9399062.84 |       | A        | 0.3 |
| 7 | <input type="checkbox"/> | 1.000 |            | 9422824.86 |       | A        | 0.1 |
| 8 | <input type="checkbox"/> | 1.000 |            | 9499819.58 |       | A        | 0.6 |
| 9 | <input type="checkbox"/> | 1.000 |            | 9397536.18 |       | A        | 0.4 |

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

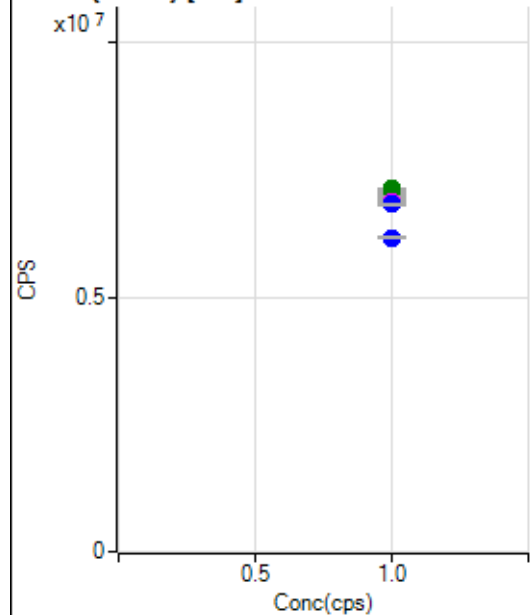
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 17736090.15 |       | A        | 0.5 |
| 2 | <input type="checkbox"/> | 1.000 |            |             |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 17619567.76 |       | A        | 1.1 |
| 4 | <input type="checkbox"/> | 1.000 |            | 17573098.31 |       | A        | 0.2 |
| 5 | <input type="checkbox"/> | 1.000 |            | 17872717.76 |       | A        | 0.1 |
| 6 | <input type="checkbox"/> | 1.000 |            | 17898801.79 |       | A        | 0.1 |
| 7 | <input type="checkbox"/> | 1.000 |            | 17995677.31 |       | A        | 0.3 |
| 8 | <input type="checkbox"/> | 1.000 |            | 17973804.39 |       | A        | 0.1 |
| 9 | <input type="checkbox"/> | 1.000 |            | 17102815.49 |       | A        | 0.4 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 9271340.63 |       | A        | 0.8 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 9213633.33 |       | A        | 0.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 9140296.11 |       | A        | 0.7 |
| 5 | <input type="checkbox"/> | 1.000 |            | 9251718.68 |       | A        | 0.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 9324449.51 |       | A        | 0.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 9353077.99 |       | A        | 0.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 9443838.96 |       | A        | 0.7 |
| 9 | <input type="checkbox"/> | 1.000 |            | 9290354.65 |       | A        | 0.7 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 11916132.60 |       | A        | 0.2 |
| 2 | <input type="checkbox"/> | 1.000 |            |             |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 11707278.72 |       | A        | 0.2 |
| 4 | <input type="checkbox"/> | 1.000 |            | 11714616.21 |       | A        | 0.0 |
| 5 | <input type="checkbox"/> | 1.000 |            | 11736927.60 |       | A        | 0.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 11755588.02 |       | A        | 0.9 |
| 7 | <input type="checkbox"/> | 1.000 |            | 11573379.13 |       | A        | 0.2 |
| 8 | <input type="checkbox"/> | 1.000 |            | 11394798.86 |       | A        | 0.6 |
| 9 | <input type="checkbox"/> | 1.000 |            | 10109280.06 |       | A        | 0.7 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 7127044.75 |       | A        | 0.4 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 7062362.19 |       | A        | 0.2 |
| 4 | <input type="checkbox"/> | 1.000 |            | 6979347.12 |       | A        | 0.3 |
| 5 | <input type="checkbox"/> | 1.000 |            | 7005403.16 |       | A        | 0.2 |
| 6 | <input type="checkbox"/> | 1.000 |            | 6972742.05 |       | A        | 0.8 |
| 7 | <input type="checkbox"/> | 1.000 |            | 6884332.95 |       | M        | 0.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 6825068.72 |       | P        | 0.4 |
| 9 | <input type="checkbox"/> | 1.000 |            | 6172041.58 |       | P        | 0.5 |

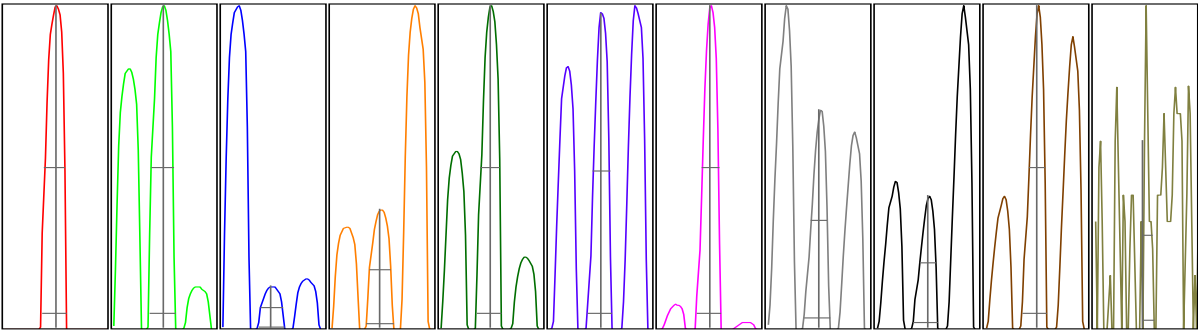
US EPA Tune Check Sample Report

Batch Folder D:\ICP-MS Data\P7111017 MS.b  
Report Comment  
Instrument Name G8403A JP14410463

| [No Gas] |        |          |            |        |  |
|----------|--------|----------|------------|--------|--|
| Mass     | Count  | RSD%     | RSD%       | RSD%   |  |
|          | (Mean) | (Actual) | (Required) | (Flag) |  |
| 9        | 7574   | 0.22     | 5.00       |        |  |
| 24       | 71700  | 0.49     | 5.00       |        |  |
| 25       | 9534   | 0.60     | 5.00       |        |  |
| 26       | 10832  | 0.35     | 5.00       |        |  |
| 59       | 84262  | 0.47     | 5.00       |        |  |
| 113      | 11126  | 0.36     | 5.00       |        |  |
| 115      | 150930 | 0.73     | 5.00       |        |  |
| 206      | 32955  | 0.13     | 5.00       |        |  |
| 207      | 29699  | 0.23     | 5.00       |        |  |
| 208      | 70584  | 0.18     | 5.00       |        |  |
| 220      | 0      | 45.08    |            |        |  |

| Mass | Replicate 1 | Replicate 2 | Replicate 3 | Replicate 4 | Replicate 5 |
|------|-------------|-------------|-------------|-------------|-------------|
|      | Count       | Count       | Count       | Count       | Count       |
| 9    | 7547        | 7585        | 7568        | 7580        | 7588        |
| 24   | 71320       | 71432       | 71636       | 71981       | 72131       |
| 25   | 9503        | 9484        | 9504        | 9557        | 9624        |
| 26   | 10784       | 10826       | 10820       | 10842       | 10888       |
| 59   | 83952       | 83855       | 84219       | 84460       | 84822       |
| 113  | 11180       | 11145       | 11082       | 11134       | 11091       |
| 115  | 152552      | 151618      | 150324      | 150046      | 150112      |
| 206  | 32898       | 32970       | 32957       | 32931       | 33017       |
| 207  | 29598       | 29693       | 29739       | 29777       | 29691       |
| 208  | 70397       | 70598       | 70761       | 70601       | 70566       |
| 220  | 0           | 0           | 0           | 0           | 0           |

Integration Time [sec] = 0.1



| Mass | Peak   | Axis     | Axis          | Axis   | Width-X% | Width-X%   | Width-    |
|------|--------|----------|---------------|--------|----------|------------|-----------|
|      | Height | (Actual) | (Required)    | (Flag) | (Actual) | (Required) | X% (Flag) |
| 9    | 13090  | 9.05     | 8.9 - 9.1     |        | 0.738    | 0.900      |           |
| 24   | 120865 | 24.00    | 23.9 - 24.1   |        | 0.781    | 0.900      |           |
| 25   | 15937  | 24.95    | 24.9 - 25.1   |        | 0.779    | 0.900      |           |
| 26   | 18709  | 25.95    | 25.9 - 26.1   |        | 0.783    | 0.900      |           |
| 59   | 155937 | 59.00    | 58.9 - 59.1   |        | 0.732    | 0.900      |           |
| 113  | 23452  | 113.05   | 112.9 - 113.1 |        | 0.710    | 0.900      |           |
| 115  | 314820 | 115.05   | 114.9 - 115.1 |        | 0.717    | 0.900      |           |
| 206  | 69264  | 206.05   | 205.9 - 206.1 |        | 0.751    | 0.900      |           |
| 207  | 62350  | 207.05   | 206.9 - 207.1 |        | 0.703    | 0.900      |           |
| 208  | 151405 | 208.05   | 207.9 - 208.1 |        | 0.718    | 0.900      |           |
| 220  | 0      | 219.95   | -             |        | 0.342    |            |           |

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    | 9.9   | V    | Deflect       | 14.0  | V    |
| Extract 2     | -160.0 | V    | Cell Entrance | -30   | V    | Plate Bias    | -35   | V    |
| Omega Bias    | -80    | V    | Cell Exit     | -50   | V    |               |       |      |

## Cell Parameters ##

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

[He]

| Mass | Count  | RSD%     | RSD%       |
|------|--------|----------|------------|
|      | (Mean) | (Actual) | (Required) |
| 59   | 22802  | 0.47     |            |
| 89   | 235607 | 0.60     |            |
| 205  | 29815  | 0.44     |            |

| Mass | Replicate 1 | Replicate 2 | Replicate 3 | Replicate 4 | Replicate 5 |
|------|-------------|-------------|-------------|-------------|-------------|
|      | Count       | Count       | Count       | Count       | Count       |
| 59   | 22657       | 22812       | 22772       | 22814       | 22955       |
| 89   | 233981      | 234155      | 236554      | 236383      | 236961      |
| 205  | 29648       | 29798       | 29849       | 29774       | 30009       |

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    | 9.2   | V    | Deflect       | 2.2   | V    |
| Extract 2     | -130.0 | V    | Cell Entrance | -40   | V    | Plate Bias    | -60   | V    |
| Omega Bias    | -70    | 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 : LB91543 Operator : Jaswal  
 Lab Sample ID : S0 Instrumnet Name : P7  
 Client Sample ID : S0 Dilution Factor : 1  
 Date & Time Acquired :: 2017-11-10 11:35:40 DataFile Name : 003CALB.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.20   | -0.19   | 0.39    | 0.00       | N/A     | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Arsenic    | 75-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Barium     | 135-1 | -0.01   | -0.01   | 0.02    | 0.00       | N/A     | ppb   |
| Barium     | 137-1 | 0.00    | -0.01   | 0.01    | 0.00       | N/A     | ppb   |
| Beryllium  | 9-1   | 0.02    | -0.03   | 0.00    | 0.00       | N/A     | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | -0.10   | -0.01   | 0.12    | 0.00       | N/A     | ppb   |
| Boron      | 11-1  | 0.03    | -0.01   | -0.02   | 0.00       | N/A     | ppb   |
| Cadmium    | 111-1 | -0.03   | 0.00    | 0.03    | 0.00       | N/A     | ppb   |
| Cadmium    | 106-1 | -0.34   | -0.09   | 0.43    | 0.00       | N/A     | ppb   |
| Cadmium    | 108-1 | 0.06    | -0.03   | -0.03   | 0.00       | N/A     | ppb   |
| Calcium    | 43-1  | 1.64    | 0.46    | -2.10   | 0.00       | N/A     | ppb   |
| Calcium    | 44-1  | -0.15   | 0.73    | -0.58   | 0.00       | N/A     | ppb   |
| Chromium   | 52-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.01    | 0.00    | 0.00       | N/A     | ppb   |
| Copper     | 63-2  | 0.02    | -0.01   | 0.00    | 0.00       | N/A     | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 0.03    | -0.03   | 0.01    | 0.00       | N/A     | ppb   |
| Iron       | 57-2  | -0.10   | -0.08   | 0.18    | 0.00       | N/A     | ppb   |
| 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   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -0.44   | 0.76    | -0.32   | 0.00       | N/A     | ppb   |
| Manganese  | 55-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | S0                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S0                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 11:35:40 | DataFile Name :   | 003CALB.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | 0.00    | -0.01   | 0.00       | N/A     | ppb   |
| Molybdenum | 95-1  | 0.00    | 0.00    | 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    | -0.01   | 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   | 0.00    | 0.01    | 0.00       | N/A     | ppb   |
| Phosphorus | 31-2  | 1.42    | -4.33   | -6.47   | -3.13      |         | ppb   |
| Potassium  | 39-2  | 0.87    | 1.81    | -2.68   | 0.00       | N/A     | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.18   | -0.18   | 0.35    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | -0.05   | -0.28   | 0.32    | 0.00       | N/A     | ppb   |
| Selenium   | 82-1  | -0.03   | 0.05    | -0.02   | 0.00       | N/A     | ppb   |
| Silicon    | 28-1  | 0.28    | 0.10    | -0.38   | 0.00       | N/A     | ppb   |
| Silver     | 109-1 | 0.01    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Silver     | 107-1 | 0.01    | 0.00    | -0.01   | 0.00       | N/A     | ppb   |
| Sodium     | 23-2  | -0.06   | -1.08   | 1.14    | 0.00       | N/A     | ppb   |
| Strontium  | 86-1  | 0.01    | -0.01   | 0.00    | 0.00       | N/A     | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Sulfur     | 34-1  | 23.36   | 88.88   | -27.31  | 28.31      | 205.77  | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| 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   |
| Tin        | 118-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Titanium   | 47-1  | 0.02    | 0.00    | -0.02   | 0.00       | N/A     | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | -0.15   | -0.27   | 0.41    | 0.00       | N/A     | ppb   |
| Zirconium  | 90-1  | 0.00    | 0.00    | 0.01    | 0.00       | N/A     | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | S0                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S0                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 11:35:40 | DataFile Name :   | 003CALB.d |

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

LB Number : LB91543 Operator : Jaswal  
 Lab Sample ID : S2 Instrumnet Name : P7  
 Client Sample ID : S2 Dilution Factor : 1  
 Date & Time Acquired :: 2017-11-10 11:43:50 DataFile Name : 005CALS.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 18.49   | 16.82   | 20.30   | 18.54      | 9.39    | ppb   |
| Antimony   | 121-1 | 1.74    | 1.77    | 1.72    | 1.75       | 1.51    | ppb   |
| Arsenic    | 75-2  | 0.89    | 0.82    | 0.97    | 0.89       | 8.69    | ppb   |
| Barium     | 135-1 | 9.07    | 8.62    | 8.69    | 8.79       | 2.77    | ppb   |
| Barium     | 137-1 | 8.99    | 9.00    | 8.72    | 8.90       | 1.75    | ppb   |
| Beryllium  | 9-1   | 0.79    | 0.92    | 0.96    | 0.89       | 10.07   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 22.25   | 19.08   | 20.83   | 20.72      | 7.67    | ppb   |
| Boron      | 11-1  | 20.43   | 22.28   | 21.56   | 21.42      | 4.34    | ppb   |
| Cadmium    | 111-1 | 0.95    | 0.95    | 0.93    | 0.95       | 1.14    | ppb   |
| Cadmium    | 106-1 | 1.47    | 1.14    | 0.82    | 1.15       | 28.41   | ppb   |
| Cadmium    | 108-1 | 0.89    | 1.30    | 0.65    | 0.95       | 34.79   | ppb   |
| Calcium    | 43-1  | 431.75  | 427.93  | 402.75  | 420.81     | 3.74    | ppb   |
| Calcium    | 44-1  | 427.21  | 433.80  | 423.37  | 428.12     | 1.23    | ppb   |
| Chromium   | 52-2  | 1.90    | 1.98    | 1.91    | 1.93       | 2.48    | ppb   |
| Cobalt     | 59-2  | 0.88    | 0.96    | 0.92    | 0.92       | 4.77    | ppb   |
| Copper     | 63-2  | 1.90    | 1.91    | 1.89    | 1.90       | 0.58    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 46.58   | 47.81   | 46.94   | 47.11      | 1.35    | ppb   |
| Iron       | 57-2  | 47.31   | 46.29   | 44.16   | 45.92      | 3.50    | ppb   |
| Lead       | 206-1 | 0.89    | 0.87    | 0.85    | 0.87       | 2.02    | ppb   |
| Lead       | 207-1 | 0.87    | 0.83    | 0.88    | 0.86       | 2.94    | ppb   |
| Lead       | 208-1 | 0.89    | 0.87    | 0.89    | 0.88       | 1.41    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 450.75  | 469.92  | 464.13  | 461.60     | 2.13    | ppb   |
| Manganese  | 55-2  | 0.95    | 1.02    | 0.92    | 0.96       | 5.12    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB91543             | Operator :        | Jaswal     |
| Lab Sample ID :         | S2                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S2                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-11-10 11:43:50 | DataFile Name :   | 005CAL.S.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 4.49    | 4.31    | 4.22    | 4.34       | 3.23    | ppb   |
| Molybdenum | 95-1  | 4.30    | 4.27    | 4.27    | 4.28       | 0.46    | ppb   |
| Molybdenum | 96-1  | 4.32    | 4.29    | 4.49    | 4.37       | 2.51    | ppb   |
| Molybdenum | 97-1  | 4.44    | 4.66    | 4.24    | 4.44       | 4.74    | ppb   |
| Molybdenum | 98-1  | 4.38    | 4.48    | 4.24    | 4.37       | 2.85    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.97    | 0.89    | 0.95    | 0.94       | 4.30    | ppb   |
| Phosphorus | 31-2  | 8.88    | 3.18    | -2.67   | 3.13       | 184.49  | ppb   |
| Potassium  | 39-2  | 433.72  | 434.15  | 438.92  | 435.60     | 0.66    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 4.54    | 4.04    | 8.71    | 5.76       | 44.52   | ppb   |
| Selenium   | 78-2  | 4.47    | 4.60    | 6.16    | 5.08       | 18.54   | ppb   |
| Selenium   | 82-1  | 5.00    | 5.30    | 5.26    | 5.19       | 3.11    | ppb   |
| Silicon    | 28-1  | 14.25   | 14.25   | 12.70   | 13.73      | 6.52    | ppb   |
| Silver     | 109-1 | 0.97    | 0.91    | 0.87    | 0.92       | 5.40    | ppb   |
| Silver     | 107-1 | 0.97    | 0.97    | 0.93    | 0.96       | 2.86    | ppb   |
| Sodium     | 23-2  | 456.36  | 460.93  | 463.45  | 460.25     | 0.78    | ppb   |
| Strontium  | 86-1  | 0.90    | 0.92    | 0.92    | 0.91       | 1.03    | ppb   |
| Strontium  | 88-1  | 0.92    | 0.89    | 0.88    | 0.90       | 2.40    | ppb   |
| Sulfur     | 34-1  | 81.69   | -33.74  | -132.88 | -28.31     |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.87    | 0.90    | 0.90    | 0.89       | 1.64    | ppb   |
| Thallium   | 205-1 | 0.88    | 0.91    | 0.88    | 0.89       | 1.94    | ppb   |
| Tin        | 118-1 | 4.63    | 4.45    | 4.47    | 4.51       | 2.23    | ppb   |
| Titanium   | 47-1  | 4.29    | 4.78    | 4.18    | 4.41       | 7.19    | ppb   |
| Uranium    | 238-1 | 0.85    | 0.86    | 0.83    | 0.84       | 1.94    | ppb   |
| Vanadium   | 51-2  | 4.48    | 4.56    | 4.49    | 4.51       | 0.92    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 2.30    | 2.16    | 2.45    | 2.30       | 6.24    | ppb   |
| Zirconium  | 90-1  | 0.84    | 0.84    | 0.78    | 0.82       | 4.39    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | S2                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S2                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 11:43:50 | DataFile Name :   | 005CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.75    | 0.86    | 0.75    | 0.79       | 7.98    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | S3                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S3                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 11:47:41 | DataFile Name :   | 006CALS.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1027.79 | 1028.40 | 1031.08 | 1029.09    | 0.17    | ppb   |
| Antimony   | 121-1 | 48.36   | 49.03   | 49.53   | 48.97      | 1.20    | ppb   |
| Arsenic    | 75-2  | 50.74   | 51.09   | 50.70   | 50.84      | 0.42    | ppb   |
| Barium     | 135-1 | 249.50  | 246.83  | 246.63  | 247.65     | 0.65    | ppb   |
| Barium     | 137-1 | 249.15  | 249.05  | 249.44  | 249.21     | 0.08    | ppb   |
| Beryllium  | 9-1   | 50.82   | 51.73   | 51.95   | 51.50      | 1.16    | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 49.28   | 50.15   | 47.54   | 48.99      | 2.72    | ppb   |
| Boron      | 11-1  | 48.53   | 50.34   | 48.06   | 48.98      | 2.46    | ppb   |
| Cadmium    | 111-1 | 52.63   | 52.80   | 52.63   | 52.69      | 0.18    | ppb   |
| Cadmium    | 106-1 | 51.36   | 51.22   | 50.08   | 50.89      | 1.38    | ppb   |
| Cadmium    | 108-1 | 51.42   | 51.24   | 51.62   | 51.43      | 0.37    | ppb   |
| Calcium    | 43-1  | 5013.46 | 4939.45 | 4940.47 | 4964.46    | 0.85    | ppb   |
| Calcium    | 44-1  | 5015.28 | 4971.57 | 5028.03 | 5004.96    | 0.59    | ppb   |
| Chromium   | 52-2  | 53.17   | 52.53   | 52.70   | 52.80      | 0.62    | ppb   |
| Cobalt     | 59-2  | 52.15   | 51.80   | 52.16   | 52.04      | 0.39    | ppb   |
| Copper     | 63-2  | 106.28  | 106.20  | 106.02  | 106.16     | 0.12    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 2661.46 | 2670.57 | 2681.34 | 2671.13    | 0.37    | ppb   |
| Iron       | 57-2  | 2666.53 | 2663.87 | 2669.10 | 2666.50    | 0.10    | ppb   |
| Lead       | 206-1 | 50.27   | 49.76   | 49.94   | 49.99      | 0.51    | ppb   |
| Lead       | 207-1 | 49.41   | 49.61   | 49.53   | 49.52      | 0.20    | ppb   |
| Lead       | 208-1 | 49.65   | 49.41   | 49.56   | 49.54      | 0.25    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 5303.94 | 5286.38 | 5312.75 | 5301.03    | 0.25    | ppb   |
| Manganese  | 55-2  | 102.50  | 103.42  | 103.26  | 103.06     | 0.48    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB91543             | Operator :        | Jaswal     |
| Lab Sample ID :         | S3                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S3                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-11-10 11:47:41 | DataFile Name :   | 006CAL.S.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 249.14  | 249.31  | 245.99  | 248.15     | 0.75    | ppb   |
| Molybdenum | 95-1  | 248.98  | 248.95  | 247.59  | 248.50     | 0.32    | ppb   |
| Molybdenum | 96-1  | 247.73  | 249.33  | 247.84  | 248.30     | 0.36    | ppb   |
| Molybdenum | 97-1  | 247.26  | 246.42  | 247.83  | 247.17     | 0.29    | ppb   |
| Molybdenum | 98-1  | 247.39  | 247.16  | 249.06  | 247.87     | 0.42    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 54.09   | 53.21   | 53.85   | 53.72      | 0.85    | ppb   |
| Phosphorus | 31-2  | 1026.90 | 984.12  | 1091.81 | 1034.28    | 5.24    | ppb   |
| Potassium  | 39-2  | 2477.50 | 2505.08 | 2537.47 | 2506.68    | 1.20    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 48.48   | 47.84   | 44.25   | 46.86      | 4.86    | ppb   |
| Selenium   | 78-2  | 54.18   | 52.16   | 52.21   | 52.85      | 2.18    | ppb   |
| Selenium   | 82-1  | 53.02   | 52.78   | 52.53   | 52.78      | 0.46    | ppb   |
| Silicon    | 28-1  | 56.33   | 56.71   | 57.15   | 56.73      | 0.72    | ppb   |
| Silver     | 109-1 | 52.05   | 52.11   | 51.59   | 51.92      | 0.54    | ppb   |
| Silver     | 107-1 | 51.92   | 51.41   | 51.36   | 51.56      | 0.60    | ppb   |
| Sodium     | 23-2  | 5219.23 | 5189.22 | 5202.57 | 5203.67    | 0.29    | ppb   |
| Strontium  | 86-1  | 50.78   | 50.57   | 50.64   | 50.66      | 0.21    | ppb   |
| Strontium  | 88-1  | 50.08   | 50.05   | 50.17   | 50.10      | 0.12    | ppb   |
| Sulfur     | 34-1  | 1002.66 | 954.14  | 937.96  | 964.92     | 3.49    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 48.54   | 48.45   | 48.27   | 48.42      | 0.29    | ppb   |
| Thallium   | 205-1 | 49.03   | 48.96   | 48.53   | 48.84      | 0.56    | ppb   |
| Tin        | 118-1 | 50.20   | 50.41   | 49.88   | 50.16      | 0.54    | ppb   |
| Titanium   | 47-1  | 249.00  | 253.27  | 248.46  | 250.24     | 1.05    | ppb   |
| Uranium    | 238-1 | 47.93   | 47.72   | 47.75   | 47.80      | 0.24    | ppb   |
| Vanadium   | 51-2  | 50.32   | 50.34   | 50.40   | 50.35      | 0.08    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 110.10  | 110.20  | 111.18  | 110.49     | 0.54    | ppb   |
| Zirconium  | 90-1  | 49.06   | 49.15   | 48.70   | 48.97      | 0.49    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | S3                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S3                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 11:47:41 | DataFile Name :   | 006CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 49.49   | 49.85   | 49.50   | 49.61      | 0.42    | ppb   |



LB Number : LB91543 Operator : Jaswal  
 Lab Sample ID : S4 Instrumnet Name : P7  
 Client Sample ID : S4 Dilution Factor : 1  
 Date & Time Acquired :: 2017-11-10 11:51:44 DataFile Name : 007CALS.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 2526.41  | 2537.89  | 2566.45  | 2543.58    | 0.81    | ppb   |
| Antimony   | 121-1 | 123.05   | 122.11   | 125.08   | 123.41     | 1.23    | ppb   |
| Arsenic    | 75-2  | 125.70   | 126.65   | 125.98   | 126.11     | 0.39    | ppb   |
| Barium     | 135-1 | 619.96   | 613.14   | 625.70   | 619.60     | 1.01    | ppb   |
| Barium     | 137-1 | 624.64   | 621.82   | 631.20   | 625.89     | 0.77    | ppb   |
| Beryllium  | 9-1   | 128.18   | 127.34   | 127.45   | 127.65     | 0.36    | ppb   |
| Bismuth    | 209-1 |          |          |          |            |         | %     |
| Bismuth    | 209-2 |          |          |          |            |         | %     |
| Boron      | 10-1  | 119.64   | 120.70   | 122.91   | 121.08     | 1.38    | ppb   |
| Boron      | 11-1  | 119.51   | 120.79   | 122.96   | 121.09     | 1.44    | ppb   |
| Cadmium    | 111-1 | 129.78   | 130.07   | 129.99   | 129.94     | 0.12    | ppb   |
| Cadmium    | 106-1 | 130.07   | 127.61   | 128.65   | 128.78     | 0.96    | ppb   |
| Cadmium    | 108-1 | 128.00   | 127.89   | 127.68   | 127.86     | 0.13    | ppb   |
| Calcium    | 43-1  | 12156.18 | 12256.71 | 12185.27 | 12199.38   | 0.42    | ppb   |
| Calcium    | 44-1  | 12293.24 | 12344.38 | 12292.92 | 12310.18   | 0.24    | ppb   |
| Chromium   | 52-2  | 130.62   | 131.57   | 130.82   | 131.00     | 0.38    | ppb   |
| Cobalt     | 59-2  | 127.90   | 128.45   | 128.77   | 128.38     | 0.34    | ppb   |
| Copper     | 63-2  | 260.28   | 259.48   | 261.64   | 260.47     | 0.42    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          |            |         | %     |
| Holmium    | 165-2 |          |          |          |            |         | %     |
| Indium     | 115-1 |          |          |          |            |         | %     |
| Indium     | 115-2 |          |          |          |            |         | %     |
| Iron       | 56-2  | 6599.21  | 6612.40  | 6667.58  | 6626.40    | 0.55    | ppb   |
| Iron       | 57-2  | 6633.68  | 6594.71  | 6573.55  | 6600.65    | 0.46    | ppb   |
| Lead       | 206-1 | 124.38   | 123.47   | 122.82   | 123.56     | 0.64    | ppb   |
| Lead       | 207-1 | 123.47   | 123.52   | 122.89   | 123.29     | 0.28    | ppb   |
| Lead       | 208-1 | 123.38   | 123.45   | 123.42   | 123.42     | 0.03    | ppb   |
| Lithium    | 6-1   |          |          |          |            |         | %     |
| Magnesium  | 24-2  | 13110.80 | 13166.67 | 13133.15 | 13136.87   | 0.21    | ppb   |
| Manganese  | 55-2  | 253.09   | 253.42   | 253.57   | 253.36     | 0.10    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB91543             | Operator :        | Jaswal     |
| Lab Sample ID :         | S4                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S4                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-11-10 11:51:44 | DataFile Name :   | 007CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 618.59   | 619.93   | 621.31   | 619.94     | 0.22    | ppb   |
| Molybdenum | 95-1  | 621.19   | 620.03   | 619.79   | 620.34     | 0.12    | ppb   |
| Molybdenum | 96-1  | 617.44   | 616.53   | 621.60   | 618.52     | 0.44    | ppb   |
| Molybdenum | 97-1  | 617.03   | 616.07   | 623.08   | 618.73     | 0.61    | ppb   |
| Molybdenum | 98-1  | 621.63   | 622.92   | 630.54   | 625.03     | 0.77    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 132.94   | 133.22   | 133.55   | 133.24     | 0.23    | ppb   |
| Phosphorus | 31-2  | 2581.80  | 2483.60  | 2625.03  | 2563.48    | 2.83    | ppb   |
| Potassium  | 39-2  | 6255.84  | 6313.40  | 6277.20  | 6282.14    | 0.46    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 122.45   | 132.68   | 137.06   | 130.73     | 5.74    | ppb   |
| Selenium   | 78-2  | 127.93   | 129.10   | 126.74   | 127.93     | 0.92    | ppb   |
| Selenium   | 82-1  | 128.16   | 129.45   | 128.80   | 128.80     | 0.50    | ppb   |
| Silicon    | 28-1  | 138.21   | 140.14   | 140.89   | 139.74     | 0.99    | ppb   |
| Silver     | 109-1 | 127.94   | 127.85   | 128.08   | 127.96     | 0.09    | ppb   |
| Silver     | 107-1 | 127.53   | 127.08   | 127.61   | 127.41     | 0.23    | ppb   |
| Sodium     | 23-2  | 13048.09 | 12995.62 | 12985.08 | 13009.60   | 0.26    | ppb   |
| Strontium  | 86-1  | 124.12   | 122.76   | 125.72   | 124.20     | 1.19    | ppb   |
| Strontium  | 88-1  | 124.75   | 123.39   | 125.14   | 124.43     | 0.74    | ppb   |
| Sulfur     | 34-1  | 2075.68  | 2065.18  | 2082.88  | 2074.58    | 0.43    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 122.09   | 123.15   | 122.73   | 122.66     | 0.44    | ppb   |
| Thallium   | 205-1 | 123.68   | 123.10   | 124.04   | 123.61     | 0.38    | ppb   |
| Tin        | 118-1 | 125.60   | 123.23   | 124.57   | 124.47     | 0.95    | ppb   |
| Titanium   | 47-1  | 615.27   | 625.00   | 627.37   | 622.55     | 1.03    | ppb   |
| Uranium    | 238-1 | 121.26   | 122.09   | 122.77   | 122.04     | 0.62    | ppb   |
| Vanadium   | 51-2  | 125.65   | 124.65   | 125.79   | 125.36     | 0.50    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 262.89   | 261.76   | 265.86   | 263.50     | 0.80    | ppb   |
| Zirconium  | 90-1  | 123.39   | 123.65   | 123.34   | 123.46     | 0.13    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | S4                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S4                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 11:51:44 | DataFile Name :   | 007CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 123.95  | 124.19  | 124.31  | 124.15     | 0.15    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB91543             | Operator :        | Jaswal     |
| Lab Sample ID :         | S5                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S5                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-11-10 11:55:30 | DataFile Name :   | 008CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 5035.53  | 5037.13  | 4988.78  | 5020.48    | 0.55    | ppb   |
| Antimony   | 121-1 | 247.90   | 247.56   | 247.17   | 247.54     | 0.15    | ppb   |
| Arsenic    | 75-2  | 253.61   | 251.04   | 248.09   | 250.91     | 1.10    | ppb   |
| Barium     | 135-1 | 1237.35  | 1236.62  | 1236.87  | 1236.95    | 0.03    | ppb   |
| Barium     | 137-1 | 1261.50  | 1264.07  | 1253.31  | 1259.63    | 0.45    | ppb   |
| Beryllium  | 9-1   | 254.73   | 254.08   | 252.34   | 253.72     | 0.49    | ppb   |
| Bismuth    | 209-1 |          |          |          |            |         | %     |
| Bismuth    | 209-2 |          |          |          |            |         | %     |
| Boron      | 10-1  | 240.18   | 245.90   | 250.22   | 245.43     | 2.05    | ppb   |
| Boron      | 11-1  | 243.23   | 248.66   | 244.99   | 245.63     | 1.13    | ppb   |
| Cadmium    | 111-1 | 257.96   | 255.73   | 256.92   | 256.87     | 0.43    | ppb   |
| Cadmium    | 106-1 | 256.77   | 255.64   | 260.35   | 257.59     | 0.95    | ppb   |
| Cadmium    | 108-1 | 258.18   | 259.50   | 255.21   | 257.63     | 0.85    | ppb   |
| Calcium    | 43-1  | 24531.99 | 24767.33 | 24432.47 | 24577.26   | 0.70    | ppb   |
| Calcium    | 44-1  | 24620.21 | 24723.61 | 24662.81 | 24668.87   | 0.21    | ppb   |
| Chromium   | 52-2  | 259.33   | 261.21   | 260.64   | 260.39     | 0.37    | ppb   |
| Cobalt     | 59-2  | 253.55   | 255.68   | 255.23   | 254.82     | 0.44    | ppb   |
| Copper     | 63-2  | 512.31   | 517.23   | 515.92   | 515.15     | 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 |          |          |          |            |         | %     |
| Holmium    | 165-2 |          |          |          |            |         | %     |
| Indium     | 115-1 |          |          |          |            |         | %     |
| Indium     | 115-2 |          |          |          |            |         | %     |
| Iron       | 56-2  | 13218.59 | 13180.33 | 13190.76 | 13196.56   | 0.15    | ppb   |
| Iron       | 57-2  | 13114.09 | 13177.28 | 13149.31 | 13146.89   | 0.24    | ppb   |
| Lead       | 206-1 | 248.92   | 247.24   | 249.41   | 248.52     | 0.46    | ppb   |
| Lead       | 207-1 | 247.23   | 243.36   | 247.96   | 246.18     | 1.00    | ppb   |
| Lead       | 208-1 | 248.12   | 245.92   | 249.57   | 247.87     | 0.74    | ppb   |
| Lithium    | 6-1   |          |          |          |            |         | %     |
| Magnesium  | 24-2  | 26119.47 | 26009.56 | 26091.57 | 26073.54   | 0.22    | ppb   |
| Manganese  | 55-2  | 505.71   | 505.28   | 504.61   | 505.20     | 0.11    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB91543             | Operator :        | Jaswal     |
| Lab Sample ID :         | S5                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S5                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-11-10 11:55:30 | DataFile Name :   | 008CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 1253.43  | 1257.37  | 1271.36  | 1260.72    | 0.75    | ppb   |
| Molybdenum | 95-1  | 1245.46  | 1245.87  | 1255.28  | 1248.87    | 0.44    | ppb   |
| Molybdenum | 96-1  | 1240.82  | 1245.40  | 1255.35  | 1247.19    | 0.60    | ppb   |
| Molybdenum | 97-1  | 1240.14  | 1243.31  | 1251.71  | 1245.05    | 0.48    | ppb   |
| Molybdenum | 98-1  | 1243.22  | 1240.56  | 1254.75  | 1246.17    | 0.61    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 262.32   | 263.49   | 264.45   | 263.42     | 0.40    | ppb   |
| Phosphorus | 31-2  | 5163.01  | 4988.68  | 4999.47  | 5050.39    | 1.93    | ppb   |
| Potassium  | 39-2  | 12531.25 | 12555.72 | 12442.46 | 12509.81   | 0.48    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 272.22   | 251.59   | 268.84   | 264.22     | 4.19    | ppb   |
| Selenium   | 78-2  | 256.75   | 263.19   | 251.78   | 257.24     | 2.22    | ppb   |
| Selenium   | 82-1  | 257.97   | 257.18   | 261.50   | 258.89     | 0.89    | ppb   |
| Silicon    | 28-1  | 278.14   | 277.29   | 277.02   | 277.48     | 0.21    | ppb   |
| Silver     | 109-1 | 254.63   | 252.91   | 254.87   | 254.14     | 0.42    | ppb   |
| Silver     | 107-1 | 253.41   | 251.86   | 252.82   | 252.70     | 0.31    | ppb   |
| Sodium     | 23-2  | 25766.49 | 25868.90 | 25829.63 | 25821.67   | 0.20    | ppb   |
| Strontium  | 86-1  | 250.05   | 251.81   | 252.07   | 251.31     | 0.44    | ppb   |
| Strontium  | 88-1  | 249.31   | 250.33   | 250.48   | 250.04     | 0.25    | ppb   |
| Sulfur     | 34-1  | 4653.65  | 4608.03  | 4608.06  | 4623.25    | 0.57    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 246.56   | 244.05   | 243.75   | 244.79     | 0.63    | ppb   |
| Thallium   | 205-1 | 251.77   | 248.67   | 249.24   | 249.89     | 0.66    | ppb   |
| Tin        | 118-1 | 251.63   | 250.89   | 251.26   | 251.26     | 0.15    | ppb   |
| Titanium   | 47-1  | 1244.61  | 1259.93  | 1252.31  | 1252.28    | 0.61    | ppb   |
| Uranium    | 238-1 | 245.08   | 243.51   | 245.10   | 244.56     | 0.37    | ppb   |
| Vanadium   | 51-2  | 248.58   | 251.31   | 250.22   | 250.04     | 0.55    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 518.37   | 525.76   | 524.54   | 522.89     | 0.76    | ppb   |
| Zirconium  | 90-1  | 247.82   | 250.44   | 249.80   | 249.35     | 0.55    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | S5                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S5                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 11:55:30 | DataFile Name :   | 008CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 251.40  | 250.20  | 252.84  | 251.48     | 0.53    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB91543             | Operator :        | Jaswal     |
| Lab Sample ID :         | S6                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S6                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-11-10 11:59:14 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 10000.30 | 9893.75  | 9987.02  | 9960.36    | 0.58    | ppb   |
| Antimony   | 121-1 | 499.50   | 500.83   | 502.03   | 500.79     | 0.25    | ppb   |
| Arsenic    | 75-2  | 502.27   | 505.90   | 505.38   | 504.52     | 0.39    | ppb   |
| Barium     | 135-1 | 2500.73  | 2532.56  | 2535.61  | 2522.97    | 0.77    | ppb   |
| Barium     | 137-1 | 2496.27  | 2516.50  | 2528.12  | 2513.63    | 0.64    | ppb   |
| Beryllium  | 9-1   | 500.05   | 505.80   | 506.06   | 503.97     | 0.67    | ppb   |
| Bismuth    | 209-1 |          |          |          |            |         | %     |
| Bismuth    | 209-2 |          |          |          |            |         | %     |
| Boron      | 10-1  | 480.10   | 503.68   | 506.84   | 496.88     | 2.94    | ppb   |
| Boron      | 11-1  | 487.29   | 502.29   | 503.39   | 497.66     | 1.81    | ppb   |
| Cadmium    | 111-1 | 507.86   | 514.62   | 510.56   | 511.01     | 0.67    | ppb   |
| Cadmium    | 106-1 | 510.10   | 507.78   | 516.29   | 511.39     | 0.86    | ppb   |
| Cadmium    | 108-1 | 508.62   | 514.44   | 511.03   | 511.36     | 0.57    | ppb   |
| Calcium    | 43-1  | 49028.37 | 48933.91 | 49312.15 | 49091.47   | 0.40    | ppb   |
| Calcium    | 44-1  | 49256.54 | 49244.21 | 49444.69 | 49315.15   | 0.23    | ppb   |
| Chromium   | 52-2  | 521.10   | 515.34   | 521.18   | 519.21     | 0.65    | ppb   |
| Cobalt     | 59-2  | 510.78   | 505.26   | 507.44   | 507.83     | 0.55    | ppb   |
| Copper     | 63-2  | 1024.79  | 1014.92  | 1022.60  | 1020.77    | 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 |          |          |          |            |         | %     |
| Holmium    | 165-2 |          |          |          |            |         | %     |
| Indium     | 115-1 |          |          |          |            |         | %     |
| Indium     | 115-2 |          |          |          |            |         | %     |
| Iron       | 56-2  | 26468.86 | 26190.80 | 26276.48 | 26312.05   | 0.54    | ppb   |
| Iron       | 57-2  | 26463.26 | 26074.32 | 26320.48 | 26286.02   | 0.75    | ppb   |
| Lead       | 206-1 | 497.46   | 502.01   | 500.43   | 499.97     | 0.46    | ppb   |
| Lead       | 207-1 | 497.58   | 498.36   | 495.80   | 497.25     | 0.26    | ppb   |
| Lead       | 208-1 | 498.90   | 501.15   | 499.32   | 499.79     | 0.24    | ppb   |
| Lithium    | 6-1   |          |          |          |            |         | %     |
| Magnesium  | 24-2  | 51879.66 | 51209.52 | 51511.42 | 51533.53   | 0.65    | ppb   |
| Manganese  | 55-2  | 1012.02  | 1001.88  | 1006.90  | 1006.93    | 0.50    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB91543             | Operator :        | Jaswal     |
| Lab Sample ID :         | S6                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S6                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-11-10 11:59:14 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 2509.46  | 2493.42  | 2492.42  | 2498.43    | 0.38    | ppb   |
| Molybdenum | 95-1  | 2508.96  | 2505.93  | 2492.86  | 2502.58    | 0.34    | ppb   |
| Molybdenum | 96-1  | 2512.03  | 2507.66  | 2489.29  | 2503.00    | 0.48    | ppb   |
| Molybdenum | 97-1  | 2529.29  | 2502.35  | 2498.21  | 2509.95    | 0.67    | ppb   |
| Molybdenum | 98-1  | 2530.67  | 2494.25  | 2503.68  | 2509.53    | 0.75    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 520.70   | 516.62   | 518.36   | 518.56     | 0.39    | ppb   |
| Phosphorus | 31-2  | 9844.40  | 10043.99 | 9951.02  | 9946.47    | 1.00    | ppb   |
| Potassium  | 39-2  | 25141.41 | 24976.89 | 25033.31 | 25050.54   | 0.33    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 477.81   | 538.94   | 519.86   | 512.20     | 6.11    | ppb   |
| Selenium   | 78-2  | 507.61   | 498.08   | 514.05   | 506.58     | 1.59    | ppb   |
| Selenium   | 82-1  | 515.11   | 505.92   | 506.01   | 509.01     | 1.04    | ppb   |
| Silicon    | 28-1  | 547.48   | 548.61   | 549.17   | 548.42     | 0.16    | ppb   |
| Silver     | 109-1 | 506.93   | 507.06   | 509.02   | 507.67     | 0.23    | ppb   |
| Silver     | 107-1 | 509.97   | 503.74   | 509.12   | 507.61     | 0.67    | ppb   |
| Sodium     | 23-2  | 51493.50 | 51393.36 | 51097.69 | 51328.18   | 0.40    | ppb   |
| Strontium  | 86-1  | 500.73   | 499.49   | 504.26   | 501.50     | 0.49    | ppb   |
| Strontium  | 88-1  | 503.86   | 502.69   | 501.76   | 502.77     | 0.21    | ppb   |
| Sulfur     | 34-1  | 9854.42  | 9909.30  | 9917.47  | 9893.73    | 0.35    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 497.43   | 498.34   | 500.57   | 498.78     | 0.32    | ppb   |
| Thallium   | 205-1 | 499.03   | 501.22   | 499.18   | 499.81     | 0.24    | ppb   |
| Tin        | 118-1 | 501.95   | 503.76   | 504.18   | 503.30     | 0.24    | ppb   |
| Titanium   | 47-1  | 2501.03  | 2519.93  | 2507.95  | 2509.64    | 0.38    | ppb   |
| Uranium    | 238-1 | 496.20   | 495.82   | 496.64   | 496.22     | 0.08    | ppb   |
| Vanadium   | 51-2  | 504.28   | 499.54   | 504.80   | 502.87     | 0.58    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 1026.50  | 1015.23  | 1022.92  | 1021.55    | 0.56    | ppb   |
| Zirconium  | 90-1  | 503.60   | 501.89   | 499.71   | 501.73     | 0.39    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | S6                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S6                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 11:59:14 | DataFile Name :   | 009CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 500.68  | 499.79  | 499.40  | 499.96     | 0.13    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB91543             | Operator :        | Jaswal     |
| Lab Sample ID :         | S7                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S7                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-11-10 12:02:55 | DataFile Name :   | 010CAL.S.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 19664.36  | 19660.11  | 19770.29  | 19698.26   | 0.32    | ppb   |
| Antimony   | 121-1 | 1000.36   | 999.29    | 1001.77   | 1000.47    | 0.12    | ppb   |
| Arsenic    | 75-2  | 997.91    | 998.19    | 995.90    | 997.33     | 0.13    | ppb   |
| Barium     | 135-1 | 4997.80   | 4988.67   | 4991.25   | 4992.57    | 0.09    | ppb   |
| Barium     | 137-1 | 5010.72   | 4981.66   | 4979.75   | 4990.71    | 0.35    | ppb   |
| Beryllium  | 9-1   | 995.66    | 993.38    | 1000.99   | 996.68     | 0.39    | ppb   |
| Bismuth    | 209-1 |           |           |           |            |         | %     |
| Bismuth    | 209-2 |           |           |           |            |         | %     |
| Boron      | 10-1  | 987.72    | 993.19    | 1029.14   | 1003.35    | 2.24    | ppb   |
| Boron      | 11-1  | 984.89    | 999.23    | 1024.57   | 1002.89    | 2.00    | ppb   |
| Cadmium    | 111-1 | 991.69    | 987.88    | 996.50    | 992.02     | 0.44    | ppb   |
| Cadmium    | 106-1 | 986.33    | 980.83    | 1008.51   | 991.89     | 1.48    | ppb   |
| Cadmium    | 108-1 | 985.73    | 983.07    | 1007.15   | 991.98     | 1.33    | ppb   |
| Calcium    | 43-1  | 97403.80  | 97476.45  | 97374.91  | 97418.39   | 0.05    | ppb   |
| Calcium    | 44-1  | 97629.32  | 97557.75  | 97553.88  | 97580.32   | 0.04    | ppb   |
| Chromium   | 52-2  | 989.39    | 981.67    | 989.67    | 986.91     | 0.46    | ppb   |
| Cobalt     | 59-2  | 999.79    | 984.88    | 998.40    | 994.36     | 0.83    | ppb   |
| Copper     | 63-2  | 1994.58   | 1971.52   | 1986.53   | 1984.21    | 0.59    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           |            |         | %     |
| Holmium    | 165-2 |           |           |           |            |         | %     |
| Indium     | 115-1 |           |           |           |            |         | %     |
| Indium     | 115-2 |           |           |           |            |         | %     |
| Iron       | 56-2  | 52046.05  | 51259.41  | 51657.32  | 51654.26   | 0.76    | ppb   |
| Iron       | 57-2  | 51762.73  | 51456.61  | 51594.36  | 51604.57   | 0.30    | ppb   |
| Lead       | 206-1 | 989.86    | 1005.68   | 1006.16   | 1000.57    | 0.93    | ppb   |
| Lead       | 207-1 | 997.85    | 1009.82   | 1000.03   | 1002.57    | 0.64    | ppb   |
| Lead       | 208-1 | 998.27    | 1006.30   | 998.00    | 1000.86    | 0.47    | ppb   |
| Lithium    | 6-1   |           |           |           |            |         | %     |
| Magnesium  | 24-2  | 102192.17 | 100542.88 | 101007.61 | 101247.55  | 0.84    | ppb   |
| Manganese  | 55-2  | 1996.08   | 1991.53   | 1996.37   | 1994.66    | 0.14    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB91543             | Operator :        | Jaswal     |
| Lab Sample ID :         | S7                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S7                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-11-10 12:02:55 | DataFile Name :   | 010CAL.S.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 4986.79   | 4985.45   | 5024.25   | 4998.83    | 0.44    | ppb   |
| Molybdenum | 95-1  | 5001.08   | 4981.83   | 5016.04   | 4999.65    | 0.34    | ppb   |
| Molybdenum | 96-1  | 4988.51   | 4970.04   | 5041.75   | 5000.10    | 0.74    | ppb   |
| Molybdenum | 97-1  | 4986.75   | 4978.29   | 5026.53   | 4997.19    | 0.52    | ppb   |
| Molybdenum | 98-1  | 4988.43   | 4979.10   | 5021.35   | 4996.29    | 0.44    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 992.41    | 977.65    | 988.38    | 986.15     | 0.77    | ppb   |
| Phosphorus | 31-2  | 20341.72  | 19671.16  | 20000.67  | 20004.52   | 1.68    | ppb   |
| Potassium  | 39-2  | 49700.77  | 49492.31  | 49846.19  | 49679.76   | 0.36    | ppb   |
| Rhodium    | 103-1 |           |           |           |            |         | %     |
| Rhodium    | 103-2 |           |           |           |            |         | %     |
| Scandium   | 45-1  |           |           |           |            |         | %     |
| Scandium   | 45-2  |           |           |           |            |         | %     |
| Selenium   | 77-2  | 997.77    | 1013.33   | 958.25    | 989.78     | 2.87    | ppb   |
| Selenium   | 78-2  | 989.49    | 1003.83   | 989.85    | 994.39     | 0.82    | ppb   |
| Selenium   | 82-1  | 994.96    | 991.20    | 991.81    | 992.66     | 0.20    | ppb   |
| Silicon    | 28-1  | 961.35    | 964.48    | 974.28    | 966.70     | 0.70    | ppb   |
| Silver     | 109-1 | 991.65    | 992.97    | 999.37    | 994.67     | 0.42    | ppb   |
| Silver     | 107-1 | 998.25    | 985.77    | 1001.40   | 995.14     | 0.83    | ppb   |
| Sodium     | 23-2  | 102208.37 | 100702.67 | 100989.94 | 101300.33  | 0.79    | ppb   |
| Strontium  | 86-1  | 1001.97   | 997.43    | 997.58    | 998.99     | 0.26    | ppb   |
| Strontium  | 88-1  | 1002.89   | 992.47    | 1000.66   | 998.67     | 0.55    | ppb   |
| Sulfur     | 34-1  | 20219.80  | 20185.24  | 20201.73  | 20202.26   | 0.09    | ppb   |
| Terbium    | 159-1 |           |           |           |            |         | %     |
| Terbium    | 159-2 |           |           |           |            |         | %     |
| Thallium   | 203-1 | 999.23    | 1002.54   | 1005.08   | 1002.29    | 0.29    | ppb   |
| Thallium   | 205-1 | 996.41    | 999.99    | 1004.66   | 1000.35    | 0.41    | ppb   |
| Tin        | 118-1 | 999.36    | 992.52    | 1002.41   | 998.10     | 0.51    | ppb   |
| Titanium   | 47-1  | 4998.64   | 5000.12   | 4985.95   | 4994.91    | 0.16    | ppb   |
| Uranium    | 238-1 | 1001.96   | 1003.94   | 1005.29   | 1003.73    | 0.17    | ppb   |
| Vanadium   | 51-2  | 1003.27   | 992.87    | 999.34    | 998.50     | 0.53    | ppb   |
| Yttrium    | 89-1  |           |           |           |            |         | %     |
| Yttrium    | 89-2  |           |           |           |            |         | %     |
| Zinc       | 66-2  | 1987.01   | 1970.27   | 1986.58   | 1981.29    | 0.48    | ppb   |
| Zirconium  | 90-1  | 1001.49   | 993.02    | 1004.11   | 999.54     | 0.58    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | S7                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S7                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 12:02:55 | DataFile Name :   | 010CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 1002.37 | 995.14  | 1001.81 | 999.78     | 0.40    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB91543             | Operator :        | Jaswal     |
| Lab Sample ID :         | S8                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S8                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-11-10 12:06:36 | DataFile Name :   | 011CAL.S.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 99574.39  | 100143.43 | 100467.90 | 100061.91  | 0.45    | ppb   |
| Antimony   | 121-1 | 2.79      | 2.66      | 2.59      | 2.68       | 3.73    | ppb   |
| Arsenic    | 75-2  | 0.58      | 0.44      | 0.43      | 0.48       | 17.44   | ppb   |
| Barium     | 135-1 | 1.51      | 1.57      | 1.35      | 1.48       | 7.74    | ppb   |
| Barium     | 137-1 | 1.46      | 1.56      | 1.64      | 1.55       | 5.82    | ppb   |
| Beryllium  | 9-1   | 0.33      | 0.29      | 0.32      | 0.31       | 6.51    | ppb   |
| Bismuth    | 209-1 |           |           |           |            |         | %     |
| Bismuth    | 209-2 |           |           |           |            |         | %     |
| Boron      | 10-1  | 37.48     | 35.15     | 30.38     | 34.34      | 10.54   | ppb   |
| Boron      | 11-1  | 37.29     | 34.13     | 31.35     | 34.26      | 8.69    | ppb   |
| Cadmium    | 111-1 | 0.13      | 0.13      | 0.15      | 0.14       | 6.55    | ppb   |
| Cadmium    | 106-1 | 0.33      | -0.10     | -0.21     | 0.00       | 6291.30 | ppb   |
| Cadmium    | 108-1 | 0.28      | 0.24      | 0.19      | 0.24       | 20.12   | ppb   |
| Calcium    | 43-1  | 503597.46 | 494573.71 | 503737.61 | 500636.26  | 1.05    | ppb   |
| Calcium    | 44-1  | 502449.55 | 497107.50 | 502164.18 | 500573.75  | 0.60    | ppb   |
| Chromium   | 52-2  | 11.64     | 12.01     | 11.85     | 11.83      | 1.60    | ppb   |
| Cobalt     | 59-2  | 1.11      | 1.18      | 1.20      | 1.16       | 4.07    | ppb   |
| Copper     | 63-2  | 3.18      | 3.10      | 3.15      | 3.14       | 1.26    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           |            |         | %     |
| Holmium    | 165-2 |           |           |           |            |         | %     |
| Indium     | 115-1 |           |           |           |            |         | %     |
| Indium     | 115-2 |           |           |           |            |         | %     |
| Iron       | 56-2  | 248635.91 | 248765.98 | 251074.09 | 249491.99  | 0.55    | ppb   |
| Iron       | 57-2  | 248375.35 | 249847.65 | 250300.13 | 249507.71  | 0.40    | ppb   |
| Lead       | 206-1 | 1.46      | 1.45      | 1.44      | 1.45       | 0.81    | ppb   |
| Lead       | 207-1 | 1.34      | 1.42      | 1.40      | 1.39       | 2.85    | ppb   |
| Lead       | 208-1 | 1.40      | 1.43      | 1.38      | 1.41       | 1.78    | ppb   |
| Lithium    | 6-1   |           |           |           |            |         | %     |
| Magnesium  | 24-2  | 498637.16 | 499808.75 | 500127.79 | 499524.57  | 0.16    | ppb   |
| Manganese  | 55-2  | 9.21      | 9.50      | 9.30      | 9.33       | 1.60    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB91543             | Operator :        | Jaswal     |
| Lab Sample ID :         | S8                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S8                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-11-10 12:06:36 | DataFile Name :   | 011CAL.S.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 3.04      | 2.85      | 2.85      | 2.92       | 3.67    | ppb   |
| Molybdenum | 95-1  | 3.71      | 3.52      | 3.63      | 3.62       | 2.55    | ppb   |
| Molybdenum | 96-1  | 4.46      | 4.34      | 4.34      | 4.38       | 1.61    | ppb   |
| Molybdenum | 97-1  | 3.80      | 3.61      | 3.53      | 3.65       | 3.89    | ppb   |
| Molybdenum | 98-1  | 3.84      | 3.59      | 3.61      | 3.68       | 3.86    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 9.76      | 9.74      | 9.58      | 9.69       | 1.01    | ppb   |
| Phosphorus | 31-2  | 15.12     | 7.38      | 18.17     | 13.56      | 41.03   | ppb   |
| Potassium  | 39-2  | 248451.69 | 249584.76 | 252136.84 | 250057.76  | 0.75    | ppb   |
| Rhodium    | 103-1 |           |           |           |            |         | %     |
| Rhodium    | 103-2 |           |           |           |            |         | %     |
| Scandium   | 45-1  |           |           |           |            |         | %     |
| Scandium   | 45-2  |           |           |           |            |         | %     |
| Selenium   | 77-2  | 1.35      | 0.84      | 0.83      | 1.01       | 29.72   | ppb   |
| Selenium   | 78-2  | 0.29      | 1.18      | 0.35      | 0.61       | 82.03   | ppb   |
| Selenium   | 82-1  | 1.92      | 0.80      | 1.18      | 1.30       | 43.87   | ppb   |
| Silicon    | 28-1  | 194.87    | 200.43    | 204.47    | 199.92     | 2.41    | ppb   |
| Silver     | 109-1 | 0.13      | 0.12      | 0.10      | 0.12       | 10.21   | ppb   |
| Silver     | 107-1 | 0.11      | 0.10      | 0.15      | 0.12       | 18.87   | ppb   |
| Sodium     | 23-2  | 499311.99 | 498246.03 | 501095.86 | 499551.30  | 0.29    | ppb   |
| Strontium  | 86-1  | 35.35     | 35.34     | 35.11     | 35.27      | 0.39    | ppb   |
| Strontium  | 88-1  | 34.53     | 34.84     | 34.75     | 34.71      | 0.47    | ppb   |
| Sulfur     | 34-1  | -419.16   | -445.08   | -301.61   | -388.62    |         | ppb   |
| Terbium    | 159-1 |           |           |           |            |         | %     |
| Terbium    | 159-2 |           |           |           |            |         | %     |
| Thallium   | 203-1 | 0.52      | 0.45      | 0.50      | 0.49       | 7.35    | ppb   |
| Thallium   | 205-1 | 0.51      | 0.49      | 0.48      | 0.49       | 3.56    | ppb   |
| Tin        | 118-1 | 1.28      | 1.30      | 1.27      | 1.28       | 1.33    | ppb   |
| Titanium   | 47-1  | 1.50      | 1.44      | 1.50      | 1.48       | 2.31    | ppb   |
| Uranium    | 238-1 | 0.10      | 0.10      | 0.10      | 0.10       | 4.07    | ppb   |
| Vanadium   | 51-2  | 0.26      | 0.31      | 0.27      | 0.28       | 8.34    | ppb   |
| Yttrium    | 89-1  |           |           |           |            |         | %     |
| Yttrium    | 89-2  |           |           |           |            |         | %     |
| Zinc       | 66-2  | 6.25      | 6.74      | 6.12      | 6.37       | 5.13    | ppb   |
| Zirconium  | 90-1  | 0.18      | 0.18      | 0.20      | 0.19       | 8.29    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | S8                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S8                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 12:06:36 | DataFile Name :   | 011CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.20    | 0.24    | 0.22    | 0.22       | 9.13    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB91543             | Operator :        | Jaswal     |
| Lab Sample ID :         | ICV01               | Instrumnet Name : | P7         |
| Client Sample ID :      | ICV01               | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-11-10 12:39:10 | DataFile Name :   | 012ICV01.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 517.39  | 532.08  | 514.52  | 521.33     | 1.81    | ppb   |
| Antimony   | 121-1 | 189.56  | 188.81  | 187.38  | 188.58     | 0.59    | ppb   |
| Arsenic    | 75-2  | 192.32  | 193.07  | 191.83  | 192.41     | 0.32    | ppb   |
| Barium     | 135-1 | 96.19   | 96.07   | 96.05   | 96.10      | 0.08    | ppb   |
| Barium     | 137-1 | 96.97   | 96.25   | 96.71   | 96.64      | 0.38    | ppb   |
| Beryllium  | 9-1   | 95.07   | 95.63   | 94.15   | 94.95      | 0.79    | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 473.23  | 467.08  | 476.33  | 472.21     | 1.00    | ppb   |
| Boron      | 11-1  | 465.81  | 481.87  | 485.89  | 477.86     | 2.22    | ppb   |
| Cadmium    | 111-1 | 104.19  | 104.07  | 102.61  | 103.62     | 0.85    | ppb   |
| Cadmium    | 106-1 | 169.67  | 162.39  | 165.48  | 165.85     | 2.20    | ppb   |
| Cadmium    | 108-1 | 137.58  | 134.11  | 131.87  | 134.52     | 2.14    | ppb   |
| Calcium    | 43-1  | 2063.91 | 2079.24 | 2131.80 | 2091.65    | 1.70    | ppb   |
| Calcium    | 44-1  | 1994.91 | 1994.72 | 2000.19 | 1996.60    | 0.16    | ppb   |
| Chromium   | 52-2  | 92.20   | 92.44   | 92.62   | 92.42      | 0.23    | ppb   |
| Cobalt     | 59-2  | 96.44   | 98.05   | 97.23   | 97.24      | 0.83    | ppb   |
| Copper     | 63-2  | 98.01   | 98.94   | 97.97   | 98.31      | 0.56    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 988.87  | 995.45  | 990.49  | 991.60     | 0.35    | ppb   |
| Iron       | 57-2  | 994.60  | 1017.35 | 1010.45 | 1007.47    | 1.16    | ppb   |
| Lead       | 206-1 | 192.55  | 192.35  | 190.58  | 191.83     | 0.57    | ppb   |
| Lead       | 207-1 | 182.51  | 183.82  | 181.70  | 182.68     | 0.59    | ppb   |
| Lead       | 208-1 | 187.39  | 186.98  | 187.07  | 187.14     | 0.12    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1200.88 | 1203.05 | 1187.11 | 1197.01    | 0.72    | ppb   |
| Manganese  | 55-2  | 94.60   | 94.98   | 95.56   | 95.05      | 0.51    | ppb   |



|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB91543             | Operator :        | Jaswal     |
| Lab Sample ID :         | ICV01               | Instrumnet Name : | P7         |
| Client Sample ID :      | ICV01               | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-11-10 12:39:10 | DataFile Name :   | 012ICV01.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 1123.86 | 1130.10 | 1114.53 | 1122.83    | 0.70    | ppb   |
| Molybdenum | 95-1  | 498.76  | 500.50  | 492.28  | 497.18     | 0.87    | ppb   |
| Molybdenum | 96-1  | 574.58  | 573.41  | 569.11  | 572.37     | 0.50    | ppb   |
| Molybdenum | 97-1  | 491.07  | 494.61  | 492.02  | 492.57     | 0.37    | ppb   |
| Molybdenum | 98-1  | 496.79  | 495.73  | 495.09  | 495.87     | 0.17    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 98.08   | 99.32   | 98.31   | 98.57      | 0.67    | ppb   |
| Phosphorus | 31-2  | 9.60    | 0.37    | 7.72    | 5.90       | 82.77   | ppb   |
| Potassium  | 39-2  | 1894.91 | 1925.91 | 1889.79 | 1903.53    | 1.03    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 210.34  | 187.49  | 199.47  | 199.10     | 5.74    | ppb   |
| Selenium   | 78-2  | 199.83  | 199.47  | 200.13  | 199.81     | 0.16    | ppb   |
| Selenium   | 82-1  | 199.08  | 200.40  | 199.90  | 199.79     | 0.33    | ppb   |
| Silicon    | 28-1  | 549.07  | 547.80  | 546.18  | 547.69     | 0.26    | ppb   |
| Silver     | 109-1 | 99.07   | 98.33   | 99.09   | 98.83      | 0.44    | ppb   |
| Silver     | 107-1 | 99.50   | 98.31   | 99.21   | 99.01      | 0.63    | ppb   |
| Sodium     | 23-2  | 1974.50 | 1982.26 | 1982.28 | 1979.68    | 0.23    | ppb   |
| Strontium  | 86-1  | 500.05  | 501.50  | 496.25  | 499.27     | 0.54    | ppb   |
| Strontium  | 88-1  | 498.32  | 499.25  | 494.13  | 497.23     | 0.55    | ppb   |
| Sulfur     | 34-1  | -359.59 | -252.46 | -277.28 | -296.45    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 191.47  | 193.25  | 191.31  | 192.01     | 0.56    | ppb   |
| Thallium   | 205-1 | 193.62  | 195.70  | 192.65  | 193.99     | 0.80    | ppb   |
| Tin        | 118-1 | 514.05  | 508.26  | 513.20  | 511.83     | 0.61    | ppb   |
| Titanium   | 47-1  | 512.79  | 507.56  | 506.25  | 508.87     | 0.68    | ppb   |
| Uranium    | 238-1 | 516.25  | 513.76  | 514.58  | 514.86     | 0.25    | ppb   |
| Vanadium   | 51-2  | 93.75   | 93.51   | 93.72   | 93.66      | 0.14    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 198.88  | 199.59  | 199.57  | 199.35     | 0.20    | ppb   |
| Zirconium  | 90-1  | 494.65  | 492.51  | 495.12  | 494.10     | 0.28    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB91543             | Operator :        | Jaswal     |
| Lab Sample ID :         | ICV01               | Instrumnet Name : | P7         |
| Client Sample ID :      | ICV01               | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-11-10 12:39:10 | DataFile Name :   | 012ICV01.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 496.57  | 493.62  | 493.43  | 494.54     | 0.36    | ppb   |

LB Number : LB91543 Operator : Jaswal  
 Lab Sample ID : ICB01 Instrumnet Name : P7  
 Client Sample ID : ICB01 Dilution Factor : 1  
 Date & Time Acquired :: 2017-11-10 12:46:14 DataFile Name : 013CCBE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.25    | 0.62    | 0.62    | 0.50       | 42.73   | ppb   |
| Antimony   | 121-1 | 0.28    | 0.25    | 0.27    | 0.27       | 4.71    | ppb   |
| Arsenic    | 75-2  | 0.01    | 0.00    | 0.03    | 0.01       | 144.64  | ppb   |
| Barium     | 135-1 | 0.07    | 0.02    | 0.05    | 0.05       | 53.09   | ppb   |
| Barium     | 137-1 | 0.03    | 0.01    | 0.02    | 0.02       | 58.19   | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.01    | 0.02    | 0.02       | 36.46   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 7.50    | 7.51    | 6.75    | 7.26       | 6.03    | ppb   |
| Boron      | 11-1  | 7.17    | 6.27    | 6.66    | 6.70       | 6.72    | ppb   |
| Cadmium    | 111-1 | -0.04   | -0.15   | -0.09   | -0.09      |         | ppb   |
| Cadmium    | 106-1 | -0.62   | -2.07   | -1.27   | -1.32      |         | ppb   |
| Cadmium    | 108-1 | 0.01    | 0.01    | 0.02    | 0.01       | 1.94    | ppb   |
| Calcium    | 43-1  | -0.16   | 0.63    | 4.55    | 1.67       | 150.90  | ppb   |
| Calcium    | 44-1  | 4.19    | 2.50    | 4.88    | 3.85       | 31.76   | ppb   |
| Chromium   | 52-2  | -0.07   | 0.02    | -0.02   | -0.02      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.01    | 0.00       | 139.20  | ppb   |
| Copper     | 63-2  | 0.02    | -0.01   | -0.02   | 0.00       |         | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 0.71    | 0.68    | 0.89    | 0.76       | 15.43   | ppb   |
| Iron       | 57-2  | 0.78    | 0.95    | 0.95    | 0.89       | 10.65   | ppb   |
| Lead       | 206-1 | 0.04    | 0.02    | 0.03    | 0.03       | 31.83   | ppb   |
| Lead       | 207-1 | 0.02    | 0.05    | 0.03    | 0.03       | 44.37   | ppb   |
| Lead       | 208-1 | 0.03    | 0.04    | 0.03    | 0.03       | 14.05   | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 0.05    | 0.39    | 0.92    | 0.45       | 97.57   | ppb   |
| Manganese  | 55-2  | -0.01   | 0.00    | 0.01    | 0.00       |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB01               | Instrumnet Name : | P7        |
| Client Sample ID :      | ICB01               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 12:46:14 | DataFile Name :   | 013CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.19    | 0.18    | 0.13    | 0.17       | 18.96   | ppb   |
| Molybdenum | 95-1  | 0.16    | 0.11    | 0.13    | 0.13       | 18.69   | ppb   |
| Molybdenum | 96-1  | 0.11    | 0.15    | 0.16    | 0.14       | 18.23   | ppb   |
| Molybdenum | 97-1  | 0.14    | 0.13    | 0.11    | 0.13       | 11.29   | ppb   |
| Molybdenum | 98-1  | 0.15    | 0.13    | 0.14    | 0.14       | 7.28    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.02   | 0.01    | -0.01   | 0.00       |         | ppb   |
| Phosphorus | 31-2  | 15.18   | -9.11   | -10.95  | -1.63      |         | ppb   |
| Potassium  | 39-2  | 7.04    | 8.74    | 12.56   | 9.44       | 29.93   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.18   | -0.18   | -0.18   | -0.18      |         | ppb   |
| Selenium   | 78-2  | 0.13    | 0.79    | 0.72    | 0.54       | 66.88   | ppb   |
| Selenium   | 82-1  | 0.82    | -0.31   | 0.43    | 0.31       | 181.63  | ppb   |
| Silicon    | 28-1  | 0.07    | -0.02   | 0.19    | 0.08       | 129.84  | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Silver     | 107-1 | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Sodium     | 23-2  | 6.44    | 7.61    | 4.98    | 6.34       | 20.77   | ppb   |
| Strontium  | 86-1  | 0.05    | 0.04    | -0.01   | 0.03       | 117.74  | ppb   |
| Strontium  | 88-1  | 0.02    | 0.02    | 0.01    | 0.01       | 46.63   | ppb   |
| Sulfur     | 34-1  | -109.68 | -210.15 | -139.00 | -152.94    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.03    | 0.04    | 0.04    | 0.04       | 11.69   | ppb   |
| Thallium   | 205-1 | 0.03    | 0.03    | 0.02    | 0.03       | 20.77   | ppb   |
| Tin        | 118-1 | 0.16    | 0.16    | 0.13    | 0.15       | 12.41   | ppb   |
| Titanium   | 47-1  | 0.07    | 0.05    | 0.03    | 0.05       | 43.17   | ppb   |
| Uranium    | 238-1 | 0.02    | 0.01    | 0.01    | 0.02       | 21.36   | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.01    | 0.01    | 0.01       | 41.11   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.41    | 0.15    | -0.17   | 0.13       | 226.76  | ppb   |
| Zirconium  | 90-1  | 0.06    | 0.04    | 0.04    | 0.04       | 30.61   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB01               | Instrumnet Name : | P7        |
| Client Sample ID :      | ICB01               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 12:46:14 | DataFile Name :   | 013CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.04    | 0.01    | 0.02       | 64.77   | ppb   |

|                         |                     |                   |             |
|-------------------------|---------------------|-------------------|-------------|
| LB Number :             | LB91543             | Operator :        | Jaswal      |
| Lab Sample ID :         | ICSA01              | Instrumnet Name : | P7          |
| Client Sample ID :      | ICSA01              | Dilution Factor : | 1           |
| Date & Time Acquired :: | 2017-11-10 12:49:47 | DataFile Name :   | 014ICSA01.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 89565.40 | 88724.97 | 89545.01 | 89278.46   | 0.54    | ppb   |
| Antimony   | 121-1 | 1.34     | 1.35     | 1.35     | 1.35       | 0.38    | ppb   |
| Arsenic    | 75-2  | 0.38     | 0.27     | 0.32     | 0.32       | 16.10   | ppb   |
| Barium     | 135-1 | 1.39     | 1.32     | 1.60     | 1.44       | 10.32   | ppb   |
| Barium     | 137-1 | 1.45     | 1.44     | 1.48     | 1.46       | 1.52    | ppb   |
| Beryllium  | 9-1   | 0.26     | 0.24     | 0.30     | 0.27       | 13.03   | ppb   |
| Bismuth    | 209-1 |          |          |          |            |         | %     |
| Bismuth    | 209-2 |          |          |          |            |         | %     |
| Boron      | 10-1  | 6.22     | 6.21     | 5.29     | 5.91       | 9.04    | ppb   |
| Boron      | 11-1  | 6.71     | 6.34     | 6.53     | 6.52       | 2.87    | ppb   |
| Cadmium    | 111-1 | 0.37     | 0.36     | 0.28     | 0.34       | 13.66   | ppb   |
| Cadmium    | 106-1 | -0.59    | -0.58    | -1.34    | -0.84      |         | ppb   |
| Cadmium    | 108-1 | 9.05     | 9.72     | 9.47     | 9.41       | 3.61    | ppb   |
| Calcium    | 43-1  | 93001.02 | 92803.19 | 92857.04 | 92887.08   | 0.11    | ppb   |
| Calcium    | 44-1  | 92520.70 | 93024.56 | 93498.01 | 93014.42   | 0.53    | ppb   |
| Chromium   | 52-2  | 18.71    | 18.72    | 18.34    | 18.59      | 1.16    | ppb   |
| Cobalt     | 59-2  | 1.07     | 1.13     | 1.07     | 1.09       | 3.10    | ppb   |
| Copper     | 63-2  | 7.72     | 7.59     | 7.71     | 7.67       | 0.92    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          |            |         | %     |
| Holmium    | 165-2 |          |          |          |            |         | %     |
| Indium     | 115-1 |          |          |          |            |         | %     |
| Indium     | 115-2 |          |          |          |            |         | %     |
| Iron       | 56-2  | 98474.80 | 97724.75 | 97438.56 | 97879.37   | 0.55    | ppb   |
| Iron       | 57-2  | 98556.05 | 98159.13 | 97949.10 | 98221.43   | 0.31    | ppb   |
| Lead       | 206-1 | 4.73     | 4.60     | 4.55     | 4.62       | 2.02    | ppb   |
| Lead       | 207-1 | 4.10     | 4.01     | 4.07     | 4.06       | 1.20    | ppb   |
| Lead       | 208-1 | 4.31     | 4.22     | 4.27     | 4.27       | 1.14    | ppb   |
| Lithium    | 6-1   |          |          |          |            |         | %     |
| Magnesium  | 24-2  | 96582.09 | 95767.29 | 96123.61 | 96157.66   | 0.42    | ppb   |
| Manganese  | 55-2  | 7.64     | 7.22     | 7.41     | 7.42       | 2.84    | ppb   |

|                         |                     |                   |             |
|-------------------------|---------------------|-------------------|-------------|
| LB Number :             | LB91543             | Operator :        | Jaswal      |
| Lab Sample ID :         | ICSA01              | Instrumnet Name : | P7          |
| Client Sample ID :      | ICSA01              | Dilution Factor : | 1           |
| Date & Time Acquired :: | 2017-11-10 12:49:47 | DataFile Name :   | 014ICSA01.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 1280.67   | 1281.28   | 1272.72   | 1278.22    | 0.37    | ppb   |
| Molybdenum | 95-1  | 1866.09   | 1860.42   | 1863.91   | 1863.47    | 0.15    | ppb   |
| Molybdenum | 96-1  | 1799.06   | 1786.61   | 1784.76   | 1790.14    | 0.43    | ppb   |
| Molybdenum | 97-1  | 1876.46   | 1871.80   | 1864.75   | 1871.00    | 0.32    | ppb   |
| Molybdenum | 98-1  | 1875.93   | 1870.90   | 1871.34   | 1872.72    | 0.15    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 4.91      | 5.10      | 5.09      | 5.03       | 2.11    | ppb   |
| Phosphorus | 31-2  | 95043.49  | 93677.84  | 95029.56  | 94583.63   | 0.83    | ppb   |
| Potassium  | 39-2  | 95915.96  | 94678.62  | 94931.05  | 95175.21   | 0.69    | ppb   |
| Rhodium    | 103-1 |           |           |           |            |         | %     |
| Rhodium    | 103-2 |           |           |           |            |         | %     |
| Scandium   | 45-1  |           |           |           |            |         | %     |
| Scandium   | 45-2  |           |           |           |            |         | %     |
| Selenium   | 77-2  | -0.18     | -0.18     | -0.18     | -0.18      |         | ppb   |
| Selenium   | 78-2  | -0.24     | 0.57      | 0.30      | 0.21       | 196.34  | ppb   |
| Selenium   | 82-1  | 0.63      | 0.71      | -0.10     | 0.41       | 107.52  | ppb   |
| Silicon    | 28-1  | 23.34     | 23.38     | 23.65     | 23.46      | 0.71    | ppb   |
| Silver     | 109-1 | 0.06      | 0.06      | 0.08      | 0.07       | 14.53   | ppb   |
| Silver     | 107-1 | 0.05      | 0.06      | 0.07      | 0.06       | 21.11   | ppb   |
| Sodium     | 23-2  | 97748.80  | 96907.89  | 96433.74  | 97030.14   | 0.69    | ppb   |
| Strontium  | 86-1  | 32.27     | 32.87     | 32.46     | 32.53      | 0.95    | ppb   |
| Strontium  | 88-1  | 32.44     | 32.55     | 32.33     | 32.44      | 0.34    | ppb   |
| Sulfur     | 34-1  | 100929.23 | 100786.32 | 100562.92 | 100759.49  | 0.18    | ppb   |
| Terbium    | 159-1 |           |           |           |            |         | %     |
| Terbium    | 159-2 |           |           |           |            |         | %     |
| Thallium   | 203-1 | 0.17      | 0.17      | 0.16      | 0.17       | 4.84    | ppb   |
| Thallium   | 205-1 | 0.14      | 0.13      | 0.14      | 0.14       | 3.80    | ppb   |
| Tin        | 118-1 | 0.23      | 0.21      | 0.23      | 0.22       | 5.28    | ppb   |
| Titanium   | 47-1  | 1917.14   | 1912.49   | 1924.44   | 1918.03    | 0.31    | ppb   |
| Uranium    | 238-1 | 0.02      | 0.02      | 0.02      | 0.02       | 3.80    | ppb   |
| Vanadium   | 51-2  | 0.15      | 0.15      | 0.13      | 0.14       | 5.82    | ppb   |
| Yttrium    | 89-1  |           |           |           |            |         | %     |
| Yttrium    | 89-2  |           |           |           |            |         | %     |
| Zinc       | 66-2  | 10.47     | 10.03     | 10.74     | 10.41      | 3.44    | ppb   |
| Zirconium  | 90-1  | 0.22      | 0.20      | 0.15      | 0.19       | 17.57   | ppb   |

|                         |                     |                   |             |
|-------------------------|---------------------|-------------------|-------------|
| LB Number :             | LB91543             | Operator :        | Jaswal      |
| Lab Sample ID :         | ICSA01              | Instrumnet Name : | P7          |
| Client Sample ID :      | ICSA01              | Dilution Factor : | 1           |
| Date & Time Acquired :: | 2017-11-10 12:49:47 | DataFile Name :   | 014ICSA01.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.20    | 0.20    | 0.19    | 0.20       | 2.26    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB01             | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSAB01             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 12:53:20 | DataFile Name :   | 015ICSB.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 91523.99  | 91260.46  | 91455.31  | 91413.25   | 0.15    | ppb   |
| Antimony   | 121-1 | 20.61     | 20.74     | 20.59     | 20.65      | 0.40    | ppb   |
| Arsenic    | 75-2  | 19.21     | 20.02     | 19.68     | 19.64      | 2.06    | ppb   |
| Barium     | 135-1 | 21.27     | 21.73     | 21.05     | 21.35      | 1.62    | ppb   |
| Barium     | 137-1 | 21.28     | 21.34     | 21.25     | 21.29      | 0.21    | ppb   |
| Beryllium  | 9-1   | 20.83     | 20.78     | 20.43     | 20.68      | 1.06    | ppb   |
| Bismuth    | 209-1 |           |           |           |            |         | %     |
| Bismuth    | 209-2 |           |           |           |            |         | %     |
| Boron      | 10-1  | 59.13     | 55.56     | 55.68     | 56.79      | 3.57    | ppb   |
| Boron      | 11-1  | 55.42     | 56.73     | 57.74     | 56.63      | 2.06    | ppb   |
| Cadmium    | 111-1 | 20.48     | 20.08     | 20.00     | 20.19      | 1.28    | ppb   |
| Cadmium    | 106-1 | 22.00     | 22.80     | 25.24     | 23.35      | 7.25    | ppb   |
| Cadmium    | 108-1 | 30.38     | 33.03     | 30.97     | 31.46      | 4.42    | ppb   |
| Calcium    | 43-1  | 94959.46  | 95358.81  | 94727.12  | 95015.13   | 0.34    | ppb   |
| Calcium    | 44-1  | 95033.04  | 95470.39  | 94716.52  | 95073.32   | 0.40    | ppb   |
| Chromium   | 52-2  | 37.84     | 37.93     | 37.78     | 37.85      | 0.20    | ppb   |
| Cobalt     | 59-2  | 20.55     | 20.67     | 20.51     | 20.58      | 0.39    | ppb   |
| Copper     | 63-2  | 27.12     | 27.64     | 27.11     | 27.29      | 1.11    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           |            |         | %     |
| Holmium    | 165-2 |           |           |           |            |         | %     |
| Indium     | 115-1 |           |           |           |            |         | %     |
| Indium     | 115-2 |           |           |           |            |         | %     |
| Iron       | 56-2  | 100205.69 | 100334.28 | 100297.70 | 100279.22  | 0.07    | ppb   |
| Iron       | 57-2  | 100163.50 | 100600.35 | 100002.21 | 100255.35  | 0.31    | ppb   |
| Lead       | 206-1 | 24.97     | 25.11     | 24.79     | 24.96      | 0.64    | ppb   |
| Lead       | 207-1 | 23.06     | 22.91     | 22.63     | 22.86      | 0.95    | ppb   |
| Lead       | 208-1 | 23.73     | 23.69     | 23.36     | 23.60      | 0.86    | ppb   |
| Lithium    | 6-1   |           |           |           |            |         | %     |
| Magnesium  | 24-2  | 98134.39  | 98223.45  | 98435.54  | 98264.46   | 0.16    | ppb   |
| Manganese  | 55-2  | 27.13     | 27.10     | 26.98     | 27.07      | 0.29    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB01             | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSAB01             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 12:53:20 | DataFile Name :   | 015ICSB.d |

| Parameter  | Mass  | ConRep1  | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 1421.07  | 1416.69   | 1407.92   | 1415.23    | 0.47    | ppb   |
| Molybdenum | 95-1  | 1949.49  | 1947.82   | 1949.08   | 1948.80    | 0.04    | ppb   |
| Molybdenum | 96-1  | 1893.26  | 1874.66   | 1886.00   | 1884.64    | 0.50    | ppb   |
| Molybdenum | 97-1  | 1971.14  | 1956.79   | 1964.72   | 1964.22    | 0.37    | ppb   |
| Molybdenum | 98-1  | 1968.92  | 1965.29   | 1962.62   | 1965.61    | 0.16    | ppb   |
| Neodymium  | 150-1 |          |           |           |            |         | cps   |
| Neodymium  | 150-2 |          |           |           |            |         | cps   |
| Nickel     | 60-2  | 24.71    | 24.59     | 24.28     | 24.52      | 0.91    | ppb   |
| Phosphorus | 31-2  | 96408.90 | 96947.85  | 96104.59  | 96487.11   | 0.44    | ppb   |
| Potassium  | 39-2  | 97438.36 | 97859.62  | 97931.98  | 97743.32   | 0.27    | ppb   |
| Rhodium    | 103-1 |          |           |           |            |         | %     |
| Rhodium    | 103-2 |          |           |           |            |         | %     |
| Scandium   | 45-1  |          |           |           |            |         | %     |
| Scandium   | 45-2  |          |           |           |            |         | %     |
| Selenium   | 77-2  | 26.90    | 21.08     | 21.99     | 23.32      | 13.41   | ppb   |
| Selenium   | 78-2  | 21.38    | 21.64     | 18.91     | 20.65      | 7.30    | ppb   |
| Selenium   | 82-1  | 19.91    | 20.90     | 20.30     | 20.37      | 2.44    | ppb   |
| Silicon    | 28-1  | 79.52    | 80.34     | 78.47     | 79.44      | 1.18    | ppb   |
| Silver     | 109-1 | 19.17    | 18.89     | 19.01     | 19.02      | 0.72    | ppb   |
| Silver     | 107-1 | 18.78    | 18.90     | 18.85     | 18.85      | 0.32    | ppb   |
| Sodium     | 23-2  | 99019.33 | 99535.27  | 99425.05  | 99326.55   | 0.27    | ppb   |
| Strontium  | 86-1  | 84.06    | 82.99     | 83.35     | 83.47      | 0.65    | ppb   |
| Strontium  | 88-1  | 83.47    | 82.54     | 83.16     | 83.06      | 0.57    | ppb   |
| Sulfur     | 34-1  | 92672.27 | 103525.97 | 103219.34 | 99805.86   | 6.19    | ppb   |
| Terbium    | 159-1 |          |           |           |            |         | %     |
| Terbium    | 159-2 |          |           |           |            |         | %     |
| Thallium   | 203-1 | 20.11    | 20.21     | 19.87     | 20.06      | 0.88    | ppb   |
| Thallium   | 205-1 | 20.31    | 20.26     | 20.19     | 20.26      | 0.30    | ppb   |
| Tin        | 118-1 | 51.23    | 51.19     | 50.94     | 51.12      | 0.31    | ppb   |
| Titanium   | 47-1  | 2012.87  | 2032.29   | 1997.13   | 2014.10    | 0.87    | ppb   |
| Uranium    | 238-1 | 50.47    | 51.09     | 50.12     | 50.56      | 0.97    | ppb   |
| Vanadium   | 51-2  | 19.34    | 19.55     | 19.56     | 19.48      | 0.63    | ppb   |
| Yttrium    | 89-1  |          |           |           |            |         | %     |
| Yttrium    | 89-2  |          |           |           |            |         | %     |
| Zinc       | 66-2  | 30.67    | 30.21     | 31.50     | 30.79      | 2.12    | ppb   |
| Zirconium  | 90-1  | 49.70    | 50.05     | 49.40     | 49.71      | 0.65    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB01             | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSAB01             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 12:53:20 | DataFile Name :   | 015ICSB.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 50.37   | 49.85   | 50.51   | 50.24      | 0.69    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB91543             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV25               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV25               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-11-10 12:56:53 | DataFile Name :   | 016CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 49360.25  | 48871.60  | 48808.86  | 49013.57   | 0.62    | ppb   |
| Antimony   | 121-1 | 489.66    | 490.98    | 492.32    | 490.99     | 0.27    | ppb   |
| Arsenic    | 75-2  | 487.66    | 479.25    | 491.63    | 486.18     | 1.30    | ppb   |
| Barium     | 135-1 | 2507.53   | 2514.20   | 2510.06   | 2510.59    | 0.13    | ppb   |
| Barium     | 137-1 | 2518.88   | 2511.16   | 2513.95   | 2514.67    | 0.16    | ppb   |
| Beryllium  | 9-1   | 516.75    | 512.48    | 512.42    | 513.88     | 0.48    | ppb   |
| Bismuth    | 209-1 |           |           |           |            |         | %     |
| Bismuth    | 209-2 |           |           |           |            |         | %     |
| Boron      | 10-1  | 512.37    | 513.95    | 514.15    | 513.49     | 0.19    | ppb   |
| Boron      | 11-1  | 505.33    | 513.29    | 515.23    | 511.28     | 1.03    | ppb   |
| Cadmium    | 111-1 | 488.18    | 493.40    | 491.36    | 490.98     | 0.54    | ppb   |
| Cadmium    | 106-1 | 499.66    | 492.33    | 491.87    | 494.62     | 0.88    | ppb   |
| Cadmium    | 108-1 | 493.32    | 496.91    | 493.45    | 494.56     | 0.41    | ppb   |
| Calcium    | 43-1  | 243059.74 | 242153.63 | 241458.64 | 242224.00  | 0.33    | ppb   |
| Calcium    | 44-1  | 242713.49 | 241882.91 | 240942.45 | 241846.28  | 0.37    | ppb   |
| Chromium   | 52-2  | 486.77    | 477.90    | 480.56    | 481.74     | 0.95    | ppb   |
| Cobalt     | 59-2  | 475.39    | 468.25    | 474.31    | 472.65     | 0.81    | ppb   |
| Copper     | 63-2  | 929.58    | 916.18    | 927.20    | 924.32     | 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 |           |           |           |            |         | %     |
| Holmium    | 165-2 |           |           |           |            |         | %     |
| Indium     | 115-1 |           |           |           |            |         | %     |
| Indium     | 115-2 |           |           |           |            |         | %     |
| Iron       | 56-2  | 122376.81 | 121444.60 | 121748.08 | 121856.49  | 0.39    | ppb   |
| Iron       | 57-2  | 122317.69 | 120655.99 | 121556.92 | 121510.20  | 0.68    | ppb   |
| Lead       | 206-1 | 503.11    | 497.61    | 501.72    | 500.81     | 0.57    | ppb   |
| Lead       | 207-1 | 500.85    | 494.41    | 497.88    | 497.71     | 0.65    | ppb   |
| Lead       | 208-1 | 503.81    | 499.85    | 501.31    | 501.65     | 0.40    | ppb   |
| Lithium    | 6-1   |           |           |           |            |         | %     |
| Magnesium  | 24-2  | 250138.06 | 247847.85 | 247557.42 | 248514.44  | 0.57    | ppb   |
| Manganese  | 55-2  | 980.72    | 967.05    | 969.04    | 972.27     | 0.76    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB91543             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV25               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV25               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-11-10 12:56:53 | DataFile Name :   | 016CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 2510.68   | 2499.05   | 2492.77   | 2500.83    | 0.36    | ppb   |
| Molybdenum | 95-1  | 2502.42   | 2498.92   | 2481.73   | 2494.35    | 0.44    | ppb   |
| Molybdenum | 96-1  | 2491.19   | 2485.23   | 2465.68   | 2480.70    | 0.54    | ppb   |
| Molybdenum | 97-1  | 2506.50   | 2495.91   | 2470.63   | 2491.01    | 0.74    | ppb   |
| Molybdenum | 98-1  | 2506.35   | 2479.43   | 2490.05   | 2491.94    | 0.54    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 467.79    | 461.38    | 467.90    | 465.69     | 0.80    | ppb   |
| Phosphorus | 31-2  | 9848.83   | 9679.01   | 9701.76   | 9743.20    | 0.95    | ppb   |
| Potassium  | 39-2  | 124500.48 | 122754.28 | 123798.22 | 123684.32  | 0.71    | ppb   |
| Rhodium    | 103-1 |           |           |           |            |         | %     |
| Rhodium    | 103-2 |           |           |           |            |         | %     |
| Scandium   | 45-1  |           |           |           |            |         | %     |
| Scandium   | 45-2  |           |           |           |            |         | %     |
| Selenium   | 77-2  | 519.62    | 472.15    | 493.26    | 495.01     | 4.80    | ppb   |
| Selenium   | 78-2  | 485.90    | 473.18    | 490.64    | 483.24     | 1.87    | ppb   |
| Selenium   | 82-1  | 483.71    | 483.65    | 484.92    | 484.09     | 0.15    | ppb   |
| Silicon    | 28-1  | 634.91    | 649.90    | 652.35    | 645.72     | 1.46    | ppb   |
| Silver     | 109-1 | 487.20    | 489.83    | 490.64    | 489.23     | 0.37    | ppb   |
| Silver     | 107-1 | 488.55    | 489.24    | 487.47    | 488.42     | 0.18    | ppb   |
| Sodium     | 23-2  | 250366.13 | 247470.48 | 247281.01 | 248372.54  | 0.70    | ppb   |
| Strontium  | 86-1  | 513.62    | 510.61    | 507.88    | 510.70     | 0.56    | ppb   |
| Strontium  | 88-1  | 510.14    | 510.89    | 509.88    | 510.30     | 0.10    | ppb   |
| Sulfur     | 34-1  | 9538.78   | 9606.82   | 9434.94   | 9526.85    | 0.91    | ppb   |
| Terbium    | 159-1 |           |           |           |            |         | %     |
| Terbium    | 159-2 |           |           |           |            |         | %     |
| Thallium   | 203-1 | 506.39    | 495.88    | 502.11    | 501.46     | 1.05    | ppb   |
| Thallium   | 205-1 | 506.33    | 504.61    | 506.13    | 505.69     | 0.19    | ppb   |
| Tin        | 118-1 | 502.19    | 496.02    | 499.95    | 499.39     | 0.63    | ppb   |
| Titanium   | 47-1  | 2483.70   | 2487.25   | 2476.43   | 2482.46    | 0.22    | ppb   |
| Uranium    | 238-1 | 514.28    | 506.94    | 515.24    | 512.15     | 0.89    | ppb   |
| Vanadium   | 51-2  | 496.97    | 487.17    | 489.59    | 491.24     | 1.04    | ppb   |
| Yttrium    | 89-1  |           |           |           |            |         | %     |
| Yttrium    | 89-2  |           |           |           |            |         | %     |
| Zinc       | 66-2  | 932.62    | 918.29    | 931.63    | 927.51     | 0.86    | ppb   |
| Zirconium  | 90-1  | 501.91    | 499.56    | 498.30    | 499.92     | 0.37    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB91543             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV25               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV25               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-11-10 12:56:53 | DataFile Name :   | 016CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 504.05  | 501.79  | 495.45  | 500.43     | 0.89    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB25               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB25               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 13:06:43 | DataFile Name :   | 017CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.76    | 0.68    | 1.20    | 0.88       | 31.93   | ppb   |
| Antimony   | 121-1 | 0.25    | 0.31    | 0.29    | 0.28       | 9.97    | ppb   |
| Arsenic    | 75-2  | 0.01    | 0.03    | 0.06    | 0.03       | 82.26   | ppb   |
| Barium     | 135-1 | 0.07    | 0.05    | 0.06    | 0.06       | 16.55   | ppb   |
| Barium     | 137-1 | 0.02    | 0.02    | 0.03    | 0.02       | 47.79   | ppb   |
| Beryllium  | 9-1   | 0.05    | 0.04    | 0.06    | 0.05       | 19.60   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.56    | 3.68    | 3.19    | 3.48       | 7.33    | ppb   |
| Boron      | 11-1  | 3.95    | 3.91    | 3.75    | 3.87       | 2.77    | ppb   |
| Cadmium    | 111-1 | -0.11   | -0.01   | -0.12   | -0.08      |         | ppb   |
| Cadmium    | 106-1 | -1.52   | -0.12   | -1.62   | -1.09      |         | ppb   |
| Cadmium    | 108-1 | 0.08    | 0.11    | 0.11    | 0.10       | 13.05   | ppb   |
| Calcium    | 43-1  | 4.70    | 3.82    | 3.02    | 3.84       | 21.84   | ppb   |
| Calcium    | 44-1  | 9.94    | 8.84    | 8.21    | 9.00       | 9.75    | ppb   |
| Chromium   | 52-2  | -0.01   | 0.00    | -0.02   | -0.01      |         | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.00    | 0.00    | 0.00       | 468.81  | ppb   |
| Copper     | 63-2  | 0.11    | 0.07    | 0.05    | 0.08       | 37.29   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 1.95    | 2.08    | 1.89    | 1.97       | 5.02    | ppb   |
| Iron       | 57-2  | 2.42    | 2.98    | 3.53    | 2.98       | 18.57   | ppb   |
| Lead       | 206-1 | 0.08    | 0.07    | 0.07    | 0.07       | 8.50    | ppb   |
| Lead       | 207-1 | 0.05    | 0.06    | 0.07    | 0.06       | 17.23   | ppb   |
| Lead       | 208-1 | 0.08    | 0.07    | 0.07    | 0.07       | 5.26    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1.01    | 2.18    | 1.14    | 1.44       | 44.55   | ppb   |
| Manganese  | 55-2  | 0.03    | 0.00    | -0.01   | 0.01       | 342.60  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB25               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB25               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 13:06:43 | DataFile Name :   | 017CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.19    | 0.24    | 0.20    | 0.21       | 12.26   | ppb   |
| Molybdenum | 95-1  | 0.25    | 0.24    | 0.22    | 0.24       | 5.35    | ppb   |
| Molybdenum | 96-1  | 0.22    | 0.23    | 0.23    | 0.23       | 2.83    | ppb   |
| Molybdenum | 97-1  | 0.20    | 0.19    | 0.22    | 0.20       | 7.66    | ppb   |
| Molybdenum | 98-1  | 0.21    | 0.24    | 0.24    | 0.23       | 7.30    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.01   | 0.01    | 0.02    | 0.01       | 177.96  | ppb   |
| Phosphorus | 31-2  | 1.29    | -4.01   | -0.63   | -1.12      |         | ppb   |
| Potassium  | 39-2  | 22.70   | 23.66   | 20.86   | 22.41      | 6.34    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.18   | -0.18   | 0.31    | -0.01      |         | ppb   |
| Selenium   | 78-2  | 0.67    | 0.20    | 1.28    | 0.72       | 75.98   | ppb   |
| Selenium   | 82-1  | 0.57    | 0.19    | 0.34    | 0.37       | 52.04   | ppb   |
| Silicon    | 28-1  | 0.93    | 0.41    | 0.25    | 0.53       | 66.98   | ppb   |
| Silver     | 109-1 | 0.03    | 0.05    | 0.03    | 0.03       | 31.97   | ppb   |
| Silver     | 107-1 | 0.03    | 0.03    | 0.02    | 0.03       | 15.38   | ppb   |
| Sodium     | 23-2  | 22.63   | 22.72   | 22.36   | 22.57      | 0.83    | ppb   |
| Strontium  | 86-1  | 0.01    | 0.00    | 0.02    | 0.01       | 139.25  | ppb   |
| Strontium  | 88-1  | 0.01    | 0.01    | 0.01    | 0.01       | 39.56   | ppb   |
| Sulfur     | 34-1  | -598.27 | -652.74 | -697.73 | -649.58    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.05    | 0.03    | 0.04    | 0.04       | 15.73   | ppb   |
| Thallium   | 205-1 | 0.04    | 0.04    | 0.04    | 0.04       | 4.79    | ppb   |
| Tin        | 118-1 | 0.07    | 0.07    | 0.05    | 0.06       | 20.08   | ppb   |
| Titanium   | 47-1  | 0.15    | 0.09    | 0.08    | 0.11       | 32.97   | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.01    | 0.00       | 130.54  | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.01    | 0.01    | 0.01       | 76.61   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | -0.10   | 0.31    | -0.15   | 0.02       | 1347.37 | ppb   |
| Zirconium  | 90-1  | 0.04    | 0.02    | 0.04    | 0.03       | 28.75   | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB25               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB25               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 13:06:43 | DataFile Name :   | 017CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.01    | 0.03    | 0.02       | 35.73   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P7        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 13:10:14 | DataFile Name :   | 018SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 17.88   | 18.88   | 18.00   | 18.25      | 3.00    | ppb   |
| Antimony   | 121-1 | 1.97    | 1.92    | 2.00    | 1.96       | 1.99    | ppb   |
| Arsenic    | 75-2  | 0.86    | 0.90    | 0.87    | 0.88       | 1.91    | ppb   |
| Barium     | 135-1 | 8.91    | 8.91    | 9.06    | 8.96       | 1.01    | ppb   |
| Barium     | 137-1 | 9.10    | 8.83    | 8.96    | 8.96       | 1.50    | ppb   |
| Beryllium  | 9-1   | 1.04    | 0.91    | 1.07    | 1.01       | 8.50    | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 24.85   | 25.92   | 23.09   | 24.62      | 5.80    | ppb   |
| Boron      | 11-1  | 23.15   | 24.10   | 25.25   | 24.17      | 4.34    | ppb   |
| Cadmium    | 111-1 | 0.83    | 0.90    | 0.92    | 0.88       | 5.48    | ppb   |
| Cadmium    | 106-1 | 0.07    | 0.85    | 0.76    | 0.56       | 76.56   | ppb   |
| Cadmium    | 108-1 | 1.17    | 0.71    | 1.10    | 0.99       | 24.63   | ppb   |
| Calcium    | 43-1  | 431.44  | 433.23  | 438.96  | 434.54     | 0.90    | ppb   |
| Calcium    | 44-1  | 435.54  | 429.36  | 424.98  | 429.96     | 1.23    | ppb   |
| Chromium   | 52-2  | 2.02    | 1.84    | 1.89    | 1.92       | 4.73    | ppb   |
| Cobalt     | 59-2  | 0.90    | 0.92    | 0.93    | 0.92       | 1.41    | ppb   |
| Copper     | 63-2  | 1.89    | 1.95    | 1.89    | 1.91       | 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 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 48.47   | 48.75   | 48.44   | 48.55      | 0.36    | ppb   |
| Iron       | 57-2  | 46.18   | 53.08   | 48.60   | 49.29      | 7.09    | ppb   |
| Lead       | 206-1 | 0.95    | 0.94    | 0.93    | 0.94       | 0.77    | ppb   |
| Lead       | 207-1 | 0.94    | 0.93    | 0.97    | 0.95       | 2.25    | ppb   |
| Lead       | 208-1 | 0.94    | 0.95    | 0.92    | 0.94       | 1.59    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 462.46  | 458.67  | 470.92  | 464.01     | 1.35    | ppb   |
| Manganese  | 55-2  | 1.02    | 1.00    | 0.93    | 0.98       | 4.63    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P7        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 13:10:14 | DataFile Name :   | 018SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 4.59    | 4.57    | 4.64    | 4.60       | 0.84    | ppb   |
| Molybdenum | 95-1  | 4.48    | 4.52    | 4.56    | 4.52       | 0.92    | ppb   |
| Molybdenum | 96-1  | 4.52    | 4.40    | 4.57    | 4.50       | 1.88    | ppb   |
| Molybdenum | 97-1  | 4.62    | 4.59    | 4.47    | 4.56       | 1.82    | ppb   |
| Molybdenum | 98-1  | 4.62    | 4.37    | 4.51    | 4.50       | 2.75    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.97    | 0.96    | 0.93    | 0.95       | 2.47    | ppb   |
| Phosphorus | 31-2  | 3.11    | -0.57   | 17.20   | 6.58       | 142.61  | ppb   |
| Potassium  | 39-2  | 472.47  | 473.56  | 473.11  | 473.05     | 0.12    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 4.24    | 3.27    | 7.19    | 4.90       | 41.67   | ppb   |
| Selenium   | 78-2  | 5.39    | 5.25    | 4.68    | 5.11       | 7.44    | ppb   |
| Selenium   | 82-1  | 5.61    | 5.40    | 5.94    | 5.65       | 4.76    | ppb   |
| Silicon    | 28-1  | 14.33   | 14.20   | 13.67   | 14.07      | 2.47    | ppb   |
| Silver     | 109-1 | 1.00    | 0.98    | 0.94    | 0.97       | 2.82    | ppb   |
| Silver     | 107-1 | 0.98    | 0.90    | 0.95    | 0.94       | 4.04    | ppb   |
| Sodium     | 23-2  | 478.41  | 482.90  | 481.00  | 480.77     | 0.47    | ppb   |
| Strontium  | 86-1  | 0.96    | 0.88    | 0.86    | 0.90       | 5.76    | ppb   |
| Strontium  | 88-1  | 0.90    | 0.92    | 0.91    | 0.91       | 1.44    | ppb   |
| Sulfur     | 34-1  | -588.01 | -655.84 | -639.45 | -627.77    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.88    | 0.90    | 0.87    | 0.88       | 1.78    | ppb   |
| Thallium   | 205-1 | 0.89    | 0.91    | 0.89    | 0.89       | 1.05    | ppb   |
| Tin        | 118-1 | 4.59    | 4.52    | 4.55    | 4.55       | 0.73    | ppb   |
| Titanium   | 47-1  | 4.66    | 4.56    | 4.81    | 4.67       | 2.63    | ppb   |
| Uranium    | 238-1 | 0.82    | 0.85    | 0.83    | 0.83       | 2.29    | ppb   |
| Vanadium   | 51-2  | 4.37    | 4.34    | 4.37    | 4.36       | 0.37    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 1.80    | 1.98    | 1.83    | 1.87       | 5.26    | ppb   |
| Zirconium  | 90-1  | 0.94    | 0.91    | 0.90    | 0.92       | 2.34    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P7        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 13:10:14 | DataFile Name :   | 018SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.97    | 0.98    | 0.94    | 0.96       | 2.39    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB104030BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB104030BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 13:13:45 | DataFile Name :   | 019SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.96    | 0.23    | 1.13    | 0.77       | 62.27   | ppb   |
| Antimony   | 121-1 | 0.11    | 0.12    | 0.12    | 0.12       | 8.07    | ppb   |
| Arsenic    | 75-2  | 0.04    | 0.00    | 0.03    | 0.02       | 105.70  | ppb   |
| Barium     | 135-1 | 0.02    | 0.01    | 0.02    | 0.01       | 53.37   | ppb   |
| Barium     | 137-1 | 0.01    | 0.00    | 0.01    | 0.00       | 71.41   | ppb   |
| Beryllium  | 9-1   | 0.02    | 0.01    | 0.03    | 0.02       | 34.05   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.10    | 3.27    | 2.72    | 3.36       | 20.72   | ppb   |
| Boron      | 11-1  | 3.22    | 3.05    | 2.79    | 3.02       | 7.17    | ppb   |
| Cadmium    | 111-1 | 0.01    | -0.04   | -0.01   | -0.01      |         | ppb   |
| Cadmium    | 106-1 | 0.07    | -0.58   | -0.24   | -0.25      |         | ppb   |
| Cadmium    | 108-1 | 0.01    | -0.01   | 0.04    | 0.01       | 160.00  | ppb   |
| Calcium    | 43-1  | 2.29    | 2.26    | 4.19    | 2.91       | 37.97   | ppb   |
| Calcium    | 44-1  | 5.62    | 6.39    | 4.97    | 5.66       | 12.59   | ppb   |
| Chromium   | 52-2  | -0.02   | 0.02    | -0.05   | -0.02      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 0.02    | 0.02    | 0.03    | 0.02       | 23.41   | 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 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 1.68    | 1.46    | 1.64    | 1.59       | 7.30    | ppb   |
| Iron       | 57-2  | 1.59    | 1.04    | 1.48    | 1.37       | 21.33   | ppb   |
| Lead       | 206-1 | 0.05    | 0.06    | 0.05    | 0.05       | 12.12   | ppb   |
| Lead       | 207-1 | 0.04    | 0.04    | 0.03    | 0.04       | 16.65   | ppb   |
| Lead       | 208-1 | 0.05    | 0.05    | 0.05    | 0.05       | 0.76    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 0.58    | 1.27    | 1.63    | 1.16       | 45.77   | ppb   |
| Manganese  | 55-2  | 0.00    | -0.01   | -0.01   | -0.01      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB104030BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB104030BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 13:13:45 | DataFile Name :   | 019SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.13    | 0.11    | 0.09    | 0.11       | 16.01   | ppb   |
| Molybdenum | 95-1  | 0.09    | 0.10    | 0.13    | 0.11       | 24.23   | ppb   |
| Molybdenum | 96-1  | 0.13    | 0.13    | 0.11    | 0.12       | 10.01   | ppb   |
| Molybdenum | 97-1  | 0.10    | 0.09    | 0.12    | 0.11       | 10.95   | ppb   |
| Molybdenum | 98-1  | 0.11    | 0.11    | 0.10    | 0.11       | 5.21    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.01   | -0.01   | -0.03   | -0.02      |         | ppb   |
| Phosphorus | 31-2  | -11.18  | -5.82   | -0.39   | -5.80      |         | ppb   |
| Potassium  | 39-2  | 19.69   | 15.56   | 15.01   | 16.75      | 15.28   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.18   | -0.18   | -0.18   | -0.18      |         | ppb   |
| Selenium   | 78-2  | 1.08    | 0.91    | 0.37    | 0.79       | 47.52   | ppb   |
| Selenium   | 82-1  | 0.27    | 0.75    | 0.46    | 0.49       | 49.32   | ppb   |
| Silicon    | 28-1  | 0.23    | -0.16   | -0.03   | 0.01       | 1442.63 | ppb   |
| Silver     | 109-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Silver     | 107-1 | -0.01   | 0.00    | -0.01   | 0.00       |         | ppb   |
| Sodium     | 23-2  | 17.58   | 17.81   | 15.82   | 17.07      | 6.37    | ppb   |
| Strontium  | 86-1  | -0.01   | 0.02    | -0.01   | 0.00       |         | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.01    | 0.00       | 18.85   | ppb   |
| Sulfur     | 34-1  | -519.25 | -581.03 | -511.26 | -537.18    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.03    | 0.02    | 0.03    | 0.03       | 12.93   | ppb   |
| Thallium   | 205-1 | 0.02    | 0.03    | 0.03    | 0.03       | 8.01    | ppb   |
| Tin        | 118-1 | 0.03    | 0.02    | 0.04    | 0.03       | 42.57   | ppb   |
| Titanium   | 47-1  | 0.07    | 0.04    | 0.05    | 0.05       | 29.85   | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.01    | 0.00    | 0.01       | 36.99   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | -0.11   | -0.08   | -0.08   | -0.09      |         | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.02    | 0.01    | 0.02       | 21.63   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB104030BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB104030BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 13:13:45 | DataFile Name :   | 019SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.02    | 0.00    | 0.01       | 127.82  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB104030BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB104030BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 13:17:17 | DataFile Name :   | 020SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.49    | 1.39    | 1.40    | 1.09       | 47.50   | ppb   |
| Antimony   | 121-1 | 0.08    | 0.06    | 0.10    | 0.08       | 20.29   | ppb   |
| Arsenic    | 75-2  | 0.01    | 0.01    | 0.05    | 0.02       | 87.61   | ppb   |
| Barium     | 135-1 | 0.08    | 0.05    | 0.04    | 0.05       | 36.68   | ppb   |
| Barium     | 137-1 | 0.04    | 0.02    | 0.04    | 0.03       | 26.34   | ppb   |
| Beryllium  | 9-1   | 0.03    | 0.05    | 0.02    | 0.03       | 51.96   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 1.85    | 1.30    | 1.80    | 1.65       | 18.62   | ppb   |
| Boron      | 11-1  | 2.57    | 2.60    | 2.34    | 2.50       | 5.63    | ppb   |
| Cadmium    | 111-1 | 0.02    | 0.03    | 0.01    | 0.02       | 45.23   | ppb   |
| Cadmium    | 106-1 | 0.20    | 0.21    | -0.12   | 0.10       | 193.54  | ppb   |
| Cadmium    | 108-1 | 0.04    | 0.01    | 0.04    | 0.03       | 46.14   | ppb   |
| Calcium    | 43-1  | 6.67    | 5.83    | 7.68    | 6.73       | 13.83   | ppb   |
| Calcium    | 44-1  | 12.53   | 10.95   | 10.42   | 11.30      | 9.72    | ppb   |
| Chromium   | 52-2  | -0.33   | -0.30   | -0.29   | -0.30      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.01    | 0.01    | 0.01       | 40.15   | ppb   |
| Copper     | 63-2  | 0.01    | 0.02    | 0.01    | 0.01       | 30.42   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 2.45    | 2.32    | 2.40    | 2.39       | 2.76    | ppb   |
| Iron       | 57-2  | 1.82    | 1.19    | 2.35    | 1.79       | 32.55   | ppb   |
| Lead       | 206-1 | 479.82  | 473.27  | 475.20  | 476.10     | 0.71    | ppb   |
| Lead       | 207-1 | 476.56  | 467.78  | 470.48  | 471.61     | 0.95    | ppb   |
| Lead       | 208-1 | 479.54  | 475.10  | 477.57  | 477.40     | 0.47    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 3.18    | 3.20    | 4.02    | 3.47       | 13.86   | ppb   |
| Manganese  | 55-2  | 0.02    | 0.03    | 0.04    | 0.03       | 23.90   | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB104030BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB104030BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 13:17:17 | DataFile Name :   | 020SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.13    | 0.12    | 0.10    | 0.11       | 13.76   | ppb   |
| Molybdenum | 95-1  | 0.10    | 0.09    | 0.10    | 0.10       | 5.64    | ppb   |
| Molybdenum | 96-1  | 0.09    | 0.12    | 0.10    | 0.10       | 16.97   | ppb   |
| Molybdenum | 97-1  | 0.10    | 0.11    | 0.10    | 0.10       | 8.65    | ppb   |
| Molybdenum | 98-1  | 0.11    | 0.10    | 0.10    | 0.10       | 5.74    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.04    | 0.05    | -0.03   | 0.02       | 202.72  | ppb   |
| Phosphorus | 31-2  | -2.27   | -9.52   | -7.65   | -6.48      |         | ppb   |
| Potassium  | 39-2  | 17.93   | 15.39   | 17.61   | 16.98      | 8.16    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.18   | -0.18   | 0.31    | -0.01      |         | ppb   |
| Selenium   | 78-2  | 0.97    | 0.03    | 0.92    | 0.64       | 81.99   | ppb   |
| Selenium   | 82-1  | 0.41    | 0.03    | 0.51    | 0.32       | 80.13   | ppb   |
| Silicon    | 28-1  | -0.38   | 0.19    | -0.80   | -0.33      |         | ppb   |
| Silver     | 109-1 | 0.00    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Silver     | 107-1 | 0.00    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Sodium     | 23-2  | 17.96   | 15.29   | 16.90   | 16.71      | 8.04    | ppb   |
| Strontium  | 86-1  | 0.02    | 0.00    | -0.02   | 0.00       |         | ppb   |
| Strontium  | 88-1  | 0.01    | 0.01    | 0.01    | 0.01       | 15.88   | ppb   |
| Sulfur     | 34-1  | -503.92 | -518.18 | -517.71 | -513.27    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.03    | 0.02    | 0.03    | 0.03       | 11.65   | ppb   |
| Thallium   | 205-1 | 0.03    | 0.03    | 0.02    | 0.03       | 11.75   | ppb   |
| Tin        | 118-1 | 0.05    | 0.02    | 0.05    | 0.04       | 43.05   | ppb   |
| Titanium   | 47-1  | 0.06    | 0.06    | 0.10    | 0.07       | 30.50   | ppb   |
| Uranium    | 238-1 | 0.00    | 0.01    | 0.01    | 0.01       | 46.91   | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.00    | 0.01    | 0.01       | 37.86   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | -0.03   | 0.48    | 0.18    | 0.21       | 121.70  | ppb   |
| Zirconium  | 90-1  | 0.01    | 0.02    | 0.02    | 0.02       | 23.99   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB104030BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB104030BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 13:17:17 | DataFile Name :   | 020SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.00    | 0.00    | 0.01       | 196.92  | ppb   |

LB Number : LB91543 Operator : Jaswal  
 Lab Sample ID : I6356-01 Instrumnet Name : P7  
 Client Sample ID : KAJT-01-BS-BRG-W3-F1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-11-10 13:20:48 DataFile Name : 021SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 167.30  | 166.47  | 164.21  | 165.99     | 0.96    | ppb   |
| Antimony   | 121-1 | 0.12    | 0.15    | 0.15    | 0.14       | 10.05   | ppb   |
| Arsenic    | 75-2  | 0.38    | 0.36    | 0.29    | 0.34       | 12.80   | ppb   |
| Barium     | 135-1 | 14.25   | 14.08   | 14.18   | 14.17      | 0.62    | ppb   |
| Barium     | 137-1 | 14.35   | 14.29   | 14.58   | 14.41      | 1.08    | ppb   |
| Beryllium  | 9-1   | -0.01   | 0.00    | 0.03    | 0.00       | 686.53  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 5.95    | 5.36    | 4.90    | 5.40       | 9.77    | ppb   |
| Boron      | 11-1  | 6.07    | 5.87    | 6.67    | 6.20       | 6.65    | ppb   |
| Cadmium    | 111-1 | 0.10    | -0.04   | 0.02    | 0.03       | 253.71  | ppb   |
| Cadmium    | 106-1 | 1.16    | -0.73   | 0.05    | 0.16       | 601.79  | ppb   |
| Cadmium    | 108-1 | 0.14    | 0.10    | 0.08    | 0.10       | 30.01   | ppb   |
| Calcium    | 43-1  | 5543.04 | 5605.41 | 5543.31 | 5563.92    | 0.65    | ppb   |
| Calcium    | 44-1  | 5599.66 | 5612.91 | 5616.96 | 5609.84    | 0.16    | ppb   |
| Chromium   | 52-2  | -0.11   | -0.05   | -0.06   | -0.07      |         | ppb   |
| Cobalt     | 59-2  | 0.13    | 0.13    | 0.15    | 0.13       | 8.81    | ppb   |
| Copper     | 63-2  | 144.51  | 145.10  | 145.25  | 144.95     | 0.27    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 41.17   | 41.86   | 41.61   | 41.55      | 0.84    | ppb   |
| Iron       | 57-2  | 44.37   | 46.67   | 46.81   | 45.95      | 2.97    | ppb   |
| Lead       | 206-1 | 2.86    | 2.81    | 2.85    | 2.84       | 0.91    | ppb   |
| Lead       | 207-1 | 2.65    | 2.68    | 2.63    | 2.65       | 1.04    | ppb   |
| Lead       | 208-1 | 2.71    | 2.72    | 2.73    | 2.72       | 0.32    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1198.16 | 1210.78 | 1195.57 | 1201.50    | 0.68    | ppb   |
| Manganese  | 55-2  | 15.76   | 16.15   | 15.94   | 15.95      | 1.22    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-01             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-01-BS-BRG-W3-F1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 13:20:48  | DataFile Name :   | 021SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.43    | 0.43    | 0.42    | 0.43       | 1.51    | ppb   |
| Molybdenum | 95-1  | 0.10    | 0.08    | 0.11    | 0.10       | 19.88   | ppb   |
| Molybdenum | 96-1  | 0.14    | 0.12    | 0.14    | 0.13       | 5.77    | ppb   |
| Molybdenum | 97-1  | 0.11    | 0.06    | 0.09    | 0.08       | 31.08   | ppb   |
| Molybdenum | 98-1  | 0.10    | 0.11    | 0.11    | 0.11       | 9.07    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.56    | 1.58    | 1.51    | 1.55       | 2.24    | ppb   |
| Phosphorus | 31-2  | 682.57  | 644.07  | 651.07  | 659.24     | 3.11    | ppb   |
| Potassium  | 39-2  | 506.35  | 505.51  | 501.30  | 504.39     | 0.54    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.18   | -0.18   | -0.18   | -0.18      |         | ppb   |
| Selenium   | 78-2  | -0.17   | -0.10   | -0.18   | -0.15      |         | ppb   |
| Selenium   | 82-1  | 0.20    | 0.64    | 0.53    | 0.45       | 50.65   | ppb   |
| Silicon    | 28-1  | 903.65  | 909.78  | 913.01  | 908.82     | 0.52    | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 18.15   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | 550.08  | ppb   |
| Sodium     | 23-2  | 9446.86 | 9541.41 | 9568.00 | 9518.75    | 0.67    | ppb   |
| Strontium  | 86-1  | 18.45   | 18.59   | 18.39   | 18.47      | 0.56    | ppb   |
| Strontium  | 88-1  | 18.50   | 18.30   | 18.21   | 18.34      | 0.81    | ppb   |
| Sulfur     | 34-1  | 303.71  | 305.73  | 205.63  | 271.69     | 21.06   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.02    | 0.01    | 0.02    | 0.02       | 27.35   | ppb   |
| Thallium   | 205-1 | 0.02    | 0.02    | 0.02    | 0.02       | 13.26   | ppb   |
| Tin        | 118-1 | 0.35    | 0.34    | 0.30    | 0.33       | 7.82    | ppb   |
| Titanium   | 47-1  | 0.37    | 0.55    | 0.49    | 0.47       | 19.76   | ppb   |
| Uranium    | 238-1 | 0.01    | 0.01    | 0.01    | 0.01       | 3.85    | ppb   |
| Vanadium   | 51-2  | 0.04    | 0.06    | 0.05    | 0.05       | 16.14   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 67.37   | 68.52   | 68.38   | 68.09      | 0.92    | ppb   |
| Zirconium  | 90-1  | 0.26    | 0.22    | 0.19    | 0.22       | 16.90   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-01             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-01-BS-BRG-W3-F1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 13:20:48  | DataFile Name :   | 021SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.22    | 0.16    | 0.17    | 0.18       | 15.68   | ppb   |

LB Number : LB91543 Operator : Jaswal  
 Lab Sample ID : I6356-02 Instrumnet Name : P7  
 Client Sample ID : KAJT-02-BS-BRG-W3-F1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-11-10 13:24:20 DataFile Name : 022SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 14.42   | 13.76   | 13.99   | 14.06      | 2.38    | ppb   |
| Antimony   | 121-1 | 0.16    | 0.15    | 0.13    | 0.14       | 10.59   | ppb   |
| Arsenic    | 75-2  | 0.36    | 0.43    | 0.41    | 0.40       | 8.87    | ppb   |
| Barium     | 135-1 | 14.45   | 14.40   | 14.03   | 14.29      | 1.62    | ppb   |
| Barium     | 137-1 | 14.14   | 14.23   | 14.42   | 14.26      | 1.02    | ppb   |
| Beryllium  | 9-1   | -0.01   | 0.01    | 0.04    | 0.02       | 144.22  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 6.41    | 6.99    | 6.73    | 6.71       | 4.36    | ppb   |
| Boron      | 11-1  | 7.01    | 7.81    | 7.08    | 7.30       | 6.09    | ppb   |
| Cadmium    | 111-1 | -0.05   | 0.04    | -0.12   | -0.04      |         | ppb   |
| Cadmium    | 106-1 | -0.74   | 0.28    | -1.84   | -0.77      |         | ppb   |
| Cadmium    | 108-1 | 0.12    | 0.01    | 0.06    | 0.06       | 86.26   | ppb   |
| Calcium    | 43-1  | 5502.03 | 5472.27 | 5547.42 | 5507.24    | 0.69    | ppb   |
| Calcium    | 44-1  | 5519.66 | 5534.97 | 5540.05 | 5531.56    | 0.19    | ppb   |
| Chromium   | 52-2  | 0.02    | -0.03   | -0.03   | -0.01      |         | ppb   |
| Cobalt     | 59-2  | 0.03    | 0.03    | 0.03    | 0.03       | 2.10    | ppb   |
| Copper     | 63-2  | 107.27  | 106.67  | 106.32  | 106.75     | 0.45    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 229.96  | 230.48  | 228.74  | 229.72     | 0.39    | ppb   |
| Iron       | 57-2  | 228.73  | 240.95  | 228.38  | 232.68     | 3.08    | ppb   |
| Lead       | 206-1 | 2.15    | 2.17    | 2.20    | 2.17       | 1.07    | ppb   |
| Lead       | 207-1 | 2.04    | 2.00    | 1.99    | 2.01       | 1.28    | ppb   |
| Lead       | 208-1 | 2.07    | 2.08    | 2.05    | 2.07       | 0.66    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1187.41 | 1192.37 | 1182.96 | 1187.58    | 0.40    | ppb   |
| Manganese  | 55-2  | 18.29   | 18.10   | 18.07   | 18.15      | 0.65    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-02             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-02-BS-BRG-W3-F1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 13:24:20  | DataFile Name :   | 022SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.28    | 0.28    | 0.26    | 0.27       | 3.86    | ppb   |
| Molybdenum | 95-1  | 0.09    | 0.09    | 0.09    | 0.09       | 1.56    | ppb   |
| Molybdenum | 96-1  | 0.14    | 0.11    | 0.10    | 0.12       | 18.44   | ppb   |
| Molybdenum | 97-1  | 0.10    | 0.09    | 0.10    | 0.10       | 4.89    | ppb   |
| Molybdenum | 98-1  | 0.10    | 0.10    | 0.09    | 0.09       | 7.19    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.45    | 0.51    | 0.41    | 0.46       | 10.60   | ppb   |
| Phosphorus | 31-2  | 626.53  | 671.34  | 652.41  | 650.09     | 3.46    | ppb   |
| Potassium  | 39-2  | 527.65  | 526.76  | 528.69  | 527.70     | 0.18    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.30    | -0.18   | -0.18   | -0.02      |         | ppb   |
| Selenium   | 78-2  | -0.13   | 0.79    | 0.20    | 0.28       | 163.47  | ppb   |
| Selenium   | 82-1  | 0.36    | 0.63    | 0.21    | 0.40       | 53.11   | ppb   |
| Silicon    | 28-1  | 911.46  | 909.09  | 913.81  | 911.46     | 0.26    | ppb   |
| Silver     | 109-1 | 0.04    | 0.03    | 0.03    | 0.04       | 12.21   | ppb   |
| Silver     | 107-1 | 0.03    | 0.04    | 0.02    | 0.03       | 38.84   | ppb   |
| Sodium     | 23-2  | 9632.79 | 9655.12 | 9576.33 | 9621.42    | 0.42    | ppb   |
| Strontium  | 86-1  | 18.00   | 18.27   | 17.97   | 18.08      | 0.92    | ppb   |
| Strontium  | 88-1  | 18.34   | 18.07   | 18.14   | 18.18      | 0.77    | ppb   |
| Sulfur     | 34-1  | 444.96  | 514.27  | 526.95  | 495.40     | 8.91    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.02    | 0.01    | 0.01    | 0.01       | 59.08   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.02    | 0.01    | 0.01       | 18.28   | ppb   |
| Tin        | 118-1 | 1.82    | 1.87    | 1.89    | 1.86       | 1.88    | ppb   |
| Titanium   | 47-1  | 3.93    | 9.86    | 9.02    | 7.61       | 42.17   | ppb   |
| Uranium    | 238-1 | 0.01    | 0.01    | 0.01    | 0.01       | 9.45    | ppb   |
| Vanadium   | 51-2  | 0.04    | 0.06    | 0.05    | 0.05       | 14.19   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 22.36   | 22.64   | 22.63   | 22.54      | 0.71    | ppb   |
| Zirconium  | 90-1  | 0.11    | 0.11    | 0.12    | 0.11       | 4.90    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-02             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-02-BS-BRG-W3-F1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 13:24:20  | DataFile Name :   | 022SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.10    | 0.09    | 0.08    | 0.09       | 8.52    | ppb   |



LB Number : LB91543 Operator : Jaswal  
 Lab Sample ID : I6356-03 Instrumnet Name : P7  
 Client Sample ID : KAJT-03-BS-BRG-W3-F1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-11-10 13:27:52 DataFile Name : 023SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 16.39   | 12.06   | 11.78   | 13.41      | 19.25   | ppb   |
| Antimony   | 121-1 | 0.09    | 0.09    | 0.10    | 0.09       | 4.25    | ppb   |
| Arsenic    | 75-2  | 0.36    | 0.39    | 0.35    | 0.37       | 6.03    | ppb   |
| Barium     | 135-1 | 14.19   | 14.14   | 13.94   | 14.09      | 0.93    | ppb   |
| Barium     | 137-1 | 14.08   | 13.88   | 13.99   | 13.98      | 0.69    | ppb   |
| Beryllium  | 9-1   | -0.02   | 0.00    | 0.01    | 0.00       |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 5.15    | 5.56    | 5.21    | 5.31       | 4.13    | ppb   |
| Boron      | 11-1  | 5.53    | 5.39    | 5.77    | 5.56       | 3.40    | ppb   |
| Cadmium    | 111-1 | 0.06    | -0.01   | 0.01    | 0.02       | 179.12  | ppb   |
| Cadmium    | 106-1 | 0.73    | -0.33   | 0.08    | 0.16       | 331.97  | ppb   |
| Cadmium    | 108-1 | 0.08    | -0.01   | 0.08    | 0.05       | 105.06  | ppb   |
| Calcium    | 43-1  | 5563.43 | 5575.03 | 5642.76 | 5593.74    | 0.77    | ppb   |
| Calcium    | 44-1  | 5651.81 | 5599.47 | 5606.13 | 5619.14    | 0.51    | ppb   |
| Chromium   | 52-2  | -0.14   | -0.12   | -0.14   | -0.13      |         | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.01    | 0.01       | 11.30   | ppb   |
| Copper     | 63-2  | 100.52  | 100.93  | 100.88  | 100.78     | 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 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 25.02   | 24.86   | 24.98   | 24.95      | 0.33    | ppb   |
| Iron       | 57-2  | 28.31   | 29.18   | 27.80   | 28.43      | 2.47    | ppb   |
| Lead       | 206-1 | 1.36    | 1.43    | 1.37    | 1.39       | 2.53    | ppb   |
| Lead       | 207-1 | 1.32    | 1.31    | 1.31    | 1.31       | 0.32    | ppb   |
| Lead       | 208-1 | 1.32    | 1.35    | 1.32    | 1.33       | 1.53    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1194.08 | 1200.68 | 1189.47 | 1194.74    | 0.47    | ppb   |
| Manganese  | 55-2  | 14.66   | 14.86   | 14.80   | 14.78      | 0.72    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-03             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-03-BS-BRG-W3-F1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 13:27:52  | DataFile Name :   | 023SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.19    | 0.19    | 0.16    | 0.18       | 9.42    | ppb   |
| Molybdenum | 95-1  | 0.08    | 0.09    | 0.10    | 0.09       | 11.52   | ppb   |
| Molybdenum | 96-1  | 0.12    | 0.10    | 0.11    | 0.11       | 7.42    | ppb   |
| Molybdenum | 97-1  | 0.08    | 0.07    | 0.09    | 0.08       | 14.10   | ppb   |
| Molybdenum | 98-1  | 0.08    | 0.08    | 0.08    | 0.08       | 2.96    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.33    | 0.34    | 0.29    | 0.32       | 7.44    | ppb   |
| Phosphorus | 31-2  | 628.62  | 641.49  | 642.21  | 637.44     | 1.20    | ppb   |
| Potassium  | 39-2  | 508.88  | 500.51  | 507.43  | 505.61     | 0.89    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.29    | 0.29    | -0.18   | 0.14       | 199.63  | ppb   |
| Selenium   | 78-2  | 0.08    | 0.53    | 0.31    | 0.31       | 73.28   | ppb   |
| Selenium   | 82-1  | 1.10    | 0.12    | 0.16    | 0.46       | 120.67  | ppb   |
| Silicon    | 28-1  | 899.28  | 895.64  | 888.65  | 894.53     | 0.60    | ppb   |
| Silver     | 109-1 | 0.02    | 0.02    | 0.02    | 0.02       | 7.74    | ppb   |
| Silver     | 107-1 | 0.03    | 0.02    | 0.03    | 0.03       | 24.53   | ppb   |
| Sodium     | 23-2  | 9579.36 | 9581.92 | 9577.28 | 9579.52    | 0.02    | ppb   |
| Strontium  | 86-1  | 18.64   | 18.62   | 18.64   | 18.63      | 0.06    | ppb   |
| Strontium  | 88-1  | 18.61   | 18.37   | 18.43   | 18.47      | 0.67    | ppb   |
| Sulfur     | 34-1  | 367.35  | 470.86  | 359.06  | 399.09     | 15.61   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.01    | 0.03    | 0.02       | 66.17   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.01    | 0.01       | 16.66   | ppb   |
| Tin        | 118-1 | 0.07    | 0.07    | 0.04    | 0.06       | 28.00   | ppb   |
| Titanium   | 47-1  | 1.56    | 0.40    | 0.34    | 0.76       | 90.13   | ppb   |
| Uranium    | 238-1 | 0.01    | 0.01    | 0.01    | 0.01       | 1.97    | ppb   |
| Vanadium   | 51-2  | 0.05    | 0.05    | 0.05    | 0.05       | 4.73    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 13.55   | 13.89   | 13.96   | 13.80      | 1.58    | ppb   |
| Zirconium  | 90-1  | 0.07    | 0.08    | 0.06    | 0.07       | 7.74    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-03             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-03-BS-BRG-W3-F1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 13:27:52  | DataFile Name :   | 023SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.08    | 0.04    | 0.05    | 0.06       | 37.52   | ppb   |

LB Number : LB91543 Operator : Jaswal  
 Lab Sample ID : I6356-04 Instrumnet Name : P7  
 Client Sample ID : KAJT-04-FL1-BRG-W1-F Dilution Factor : 1  
 Date & Time Acquired :: 2017-11-10 13:31:24 DataFile Name : 024SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 6.03    | 6.61    | 5.59    | 6.08       | 8.42    | ppb   |
| Antimony   | 121-1 | 0.12    | 0.11    | 0.13    | 0.12       | 8.76    | ppb   |
| Arsenic    | 75-2  | 0.45    | 0.47    | 0.46    | 0.46       | 1.23    | ppb   |
| Barium     | 135-1 | 14.52   | 14.53   | 14.36   | 14.47      | 0.68    | ppb   |
| Barium     | 137-1 | 14.34   | 14.10   | 14.38   | 14.27      | 1.08    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.02    | 0.01    | 0.01       | 105.45  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 5.23    | 5.33    | 5.40    | 5.32       | 1.65    | ppb   |
| Boron      | 11-1  | 5.51    | 5.62    | 5.27    | 5.47       | 3.24    | ppb   |
| Cadmium    | 111-1 | 0.03    | -0.02   | -0.02   | 0.00       |         | ppb   |
| Cadmium    | 106-1 | -0.66   | -1.08   | -1.04   | -0.93      |         | ppb   |
| Cadmium    | 108-1 | 0.08    | 0.14    | 0.14    | 0.12       | 31.24   | ppb   |
| Calcium    | 43-1  | 5628.73 | 5630.07 | 5543.98 | 5600.93    | 0.88    | ppb   |
| Calcium    | 44-1  | 5670.09 | 5652.99 | 5639.18 | 5654.08    | 0.27    | ppb   |
| Chromium   | 52-2  | -0.09   | -0.04   | -0.07   | -0.07      |         | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.01    | 0.01       | 16.60   | ppb   |
| Copper     | 63-2  | 149.18  | 149.89  | 149.49  | 149.52     | 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 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 21.96   | 21.76   | 22.14   | 21.96      | 0.86    | ppb   |
| Iron       | 57-2  | 25.95   | 26.16   | 24.52   | 25.54      | 3.50    | ppb   |
| Lead       | 206-1 | 4.46    | 4.37    | 4.43    | 4.42       | 1.02    | ppb   |
| Lead       | 207-1 | 3.99    | 4.04    | 4.00    | 4.01       | 0.63    | ppb   |
| Lead       | 208-1 | 4.20    | 4.17    | 4.17    | 4.18       | 0.46    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1206.40 | 1212.23 | 1199.81 | 1206.15    | 0.52    | ppb   |
| Manganese  | 55-2  | 11.56   | 11.73   | 11.78   | 11.69      | 1.02    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-04             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-04-FL1-BRG-W1-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 13:31:24  | DataFile Name :   | 024SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.17    | 0.11    | 0.14    | 0.14       | 21.22   | ppb   |
| Molybdenum | 95-1  | 0.06    | 0.05    | 0.09    | 0.07       | 25.70   | ppb   |
| Molybdenum | 96-1  | 0.09    | 0.09    | 0.09    | 0.09       | 3.30    | ppb   |
| Molybdenum | 97-1  | 0.08    | 0.07    | 0.07    | 0.08       | 7.50    | ppb   |
| Molybdenum | 98-1  | 0.06    | 0.07    | 0.09    | 0.07       | 20.76   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.41    | 0.45    | 0.43    | 0.43       | 4.06    | ppb   |
| Phosphorus | 31-2  | 635.29  | 641.94  | 641.81  | 639.68     | 0.59    | ppb   |
| Potassium  | 39-2  | 511.69  | 518.67  | 508.83  | 513.06     | 0.99    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.18   | -0.18   | -0.18   | -0.18      |         | ppb   |
| Selenium   | 78-2  | 0.25    | 0.02    | 0.08    | 0.12       | 100.74  | ppb   |
| Selenium   | 82-1  | 0.40    | 0.66    | 0.57    | 0.55       | 24.05   | ppb   |
| Silicon    | 28-1  | 915.94  | 923.06  | 907.81  | 915.60     | 0.83    | ppb   |
| Silver     | 109-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Silver     | 107-1 | 0.00    | -0.02   | -0.01   | -0.01      |         | ppb   |
| Sodium     | 23-2  | 9698.60 | 9695.14 | 9663.23 | 9685.66    | 0.20    | ppb   |
| Strontium  | 86-1  | 19.06   | 18.39   | 18.58   | 18.68      | 1.84    | ppb   |
| Strontium  | 88-1  | 18.54   | 18.45   | 18.54   | 18.51      | 0.29    | ppb   |
| Sulfur     | 34-1  | 432.73  | 515.63  | 542.70  | 497.02     | 11.53   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.02    | 0.02    | 0.02    | 0.02       | 3.83    | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.02    | 0.01       | 48.11   | ppb   |
| Tin        | 118-1 | 0.02    | 0.02    | 0.00    | 0.01       | 87.99   | ppb   |
| Titanium   | 47-1  | 0.31    | 0.37    | 0.42    | 0.37       | 14.53   | ppb   |
| Uranium    | 238-1 | 0.01    | 0.01    | 0.01    | 0.01       | 19.38   | ppb   |
| Vanadium   | 51-2  | 0.04    | 0.06    | 0.05    | 0.05       | 14.97   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 41.73   | 42.81   | 41.92   | 42.15      | 1.36    | ppb   |
| Zirconium  | 90-1  | 0.05    | 0.07    | 0.06    | 0.06       | 12.45   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-04             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-04-FL1-BRG-W1-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 13:31:24  | DataFile Name :   | 024SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.06    | 0.06    | 0.07    | 0.06       | 6.44    | ppb   |

LB Number : LB91543 Operator : Jaswal  
 Lab Sample ID : I6356-05 Instrumnet Name : P7  
 Client Sample ID : KAJT-05-FL1-BRG-W1-F Dilution Factor : 1  
 Date & Time Acquired :: 2017-11-10 13:34:56 DataFile Name : 025SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 5.63    | 8.50    | 5.99    | 6.71       | 23.29   | ppb   |
| Antimony   | 121-1 | 0.09    | 0.07    | 0.07    | 0.08       | 11.49   | ppb   |
| Arsenic    | 75-2  | 0.37    | 0.36    | 0.32    | 0.35       | 6.86    | ppb   |
| Barium     | 135-1 | 13.36   | 13.97   | 13.56   | 13.63      | 2.27    | ppb   |
| Barium     | 137-1 | 13.83   | 14.09   | 13.77   | 13.90      | 1.20    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.02    | -0.02   | 0.00       | 1123.18 | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.69    | 4.60    | 5.63    | 4.98       | 11.43   | ppb   |
| Boron      | 11-1  | 5.06    | 5.44    | 5.39    | 5.30       | 3.92    | ppb   |
| Cadmium    | 111-1 | 0.09    | 0.05    | 0.08    | 0.07       | 28.81   | ppb   |
| Cadmium    | 106-1 | -0.64   | -1.46   | -1.15   | -1.08      |         | ppb   |
| Cadmium    | 108-1 | 0.22    | 0.18    | 0.10    | 0.17       | 37.65   | ppb   |
| Calcium    | 43-1  | 5565.35 | 5580.41 | 5530.13 | 5558.63    | 0.46    | ppb   |
| Calcium    | 44-1  | 5535.04 | 5585.29 | 5565.68 | 5562.00    | 0.46    | ppb   |
| Chromium   | 52-2  | -0.12   | -0.05   | -0.04   | -0.07      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.01    | 0.00       | 136.21  | ppb   |
| Copper     | 63-2  | 85.48   | 86.20   | 86.74   | 86.14      | 0.73    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 26.67   | 27.96   | 24.30   | 26.31      | 7.05    | ppb   |
| Iron       | 57-2  | 27.54   | 25.90   | 28.07   | 27.17      | 4.17    | ppb   |
| Lead       | 206-1 | 0.43    | 0.42    | 0.46    | 0.43       | 4.69    | ppb   |
| Lead       | 207-1 | 0.39    | 0.38    | 0.41    | 0.40       | 4.12    | ppb   |
| Lead       | 208-1 | 0.39    | 0.40    | 0.42    | 0.40       | 3.10    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1198.73 | 1199.23 | 1197.04 | 1198.34    | 0.10    | ppb   |
| Manganese  | 55-2  | 14.17   | 14.03   | 14.17   | 14.12      | 0.56    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-05             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-05-FL1-BRG-W1-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 13:34:56  | DataFile Name :   | 025SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.13    | 0.15    | 0.12    | 0.13       | 9.94    | ppb   |
| Molybdenum | 95-1  | 0.07    | 0.06    | 0.05    | 0.06       | 13.42   | ppb   |
| Molybdenum | 96-1  | 0.08    | 0.08    | 0.06    | 0.07       | 16.70   | ppb   |
| Molybdenum | 97-1  | 0.08    | 0.07    | 0.06    | 0.07       | 8.16    | ppb   |
| Molybdenum | 98-1  | 0.07    | 0.07    | 0.08    | 0.07       | 5.90    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.19    | 0.21    | 0.23    | 0.21       | 10.99   | ppb   |
| Phosphorus | 31-2  | 628.60  | 612.25  | 660.99  | 633.95     | 3.91    | ppb   |
| Potassium  | 39-2  | 499.64  | 500.89  | 513.71  | 504.75     | 1.54    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.18   | -0.18   | -0.18   | -0.18      |         | ppb   |
| Selenium   | 78-2  | 0.32    | -0.75   | 0.48    | 0.02       | 4362.23 | ppb   |
| Selenium   | 82-1  | 0.53    | 0.72    | 0.40    | 0.55       | 28.66   | ppb   |
| Silicon    | 28-1  | 902.86  | 910.28  | 896.65  | 903.26     | 0.76    | ppb   |
| Silver     | 109-1 | -0.01   | -0.01   | 0.00    | -0.01      |         | ppb   |
| Silver     | 107-1 | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Sodium     | 23-2  | 9568.86 | 9505.21 | 9668.77 | 9580.94    | 0.86    | ppb   |
| Strontium  | 86-1  | 18.04   | 18.09   | 18.54   | 18.23      | 1.51    | ppb   |
| Strontium  | 88-1  | 18.17   | 18.13   | 18.25   | 18.18      | 0.35    | ppb   |
| Sulfur     | 34-1  | 442.77  | 553.56  | 462.15  | 486.16     | 12.17   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.01    | 0.02    | 0.01       | 45.82   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.01    | 0.01       | 24.94   | ppb   |
| Tin        | 118-1 | -0.02   | -0.01   | -0.02   | -0.01      |         | ppb   |
| Titanium   | 47-1  | 0.39    | 0.37    | 0.38    | 0.38       | 3.45    | ppb   |
| Uranium    | 238-1 | 0.00    | 0.01    | 0.01    | 0.01       | 33.43   | ppb   |
| Vanadium   | 51-2  | 0.05    | 0.05    | 0.04    | 0.05       | 13.00   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 49.62   | 49.26   | 50.10   | 49.66      | 0.86    | ppb   |
| Zirconium  | 90-1  | 0.06    | 0.04    | 0.04    | 0.05       | 31.94   | ppb   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-05             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-05-FL1-BRG-W1-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 13:34:56  | DataFile Name :   | 025SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.05    | 0.06    | 0.06    | 0.06       | 18.35   | ppb   |

LB Number : LB91543 Operator : Jaswal  
 Lab Sample ID : I6356-06 Instrumnet Name : P7  
 Client Sample ID : KAJT-06-FL1-BRG-W1-F Dilution Factor : 1  
 Date & Time Acquired :: 2017-11-10 13:38:29 DataFile Name : 026SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 6.05    | 6.63    | 6.65    | 6.44       | 5.27    | ppb   |
| Antimony   | 121-1 | 0.07    | 0.07    | 0.07    | 0.07       | 3.53    | ppb   |
| Arsenic    | 75-2  | 0.38    | 0.36    | 0.43    | 0.39       | 8.79    | ppb   |
| Barium     | 135-1 | 13.55   | 13.40   | 13.58   | 13.51      | 0.71    | ppb   |
| Barium     | 137-1 | 13.64   | 13.37   | 13.33   | 13.45      | 1.24    | ppb   |
| Beryllium  | 9-1   | -0.02   | -0.01   | 0.01    | -0.01      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.06    | 4.45    | 4.48    | 4.33       | 5.46    | ppb   |
| Boron      | 11-1  | 4.87    | 5.30    | 5.77    | 5.31       | 8.51    | ppb   |
| Cadmium    | 111-1 | 0.16    | 0.00    | 0.19    | 0.12       | 88.68   | ppb   |
| Cadmium    | 106-1 | 0.23    | -2.00   | 0.47    | -0.43      |         | ppb   |
| Cadmium    | 108-1 | 0.20    | 0.18    | 0.23    | 0.21       | 11.36   | ppb   |
| Calcium    | 43-1  | 5503.80 | 5373.62 | 5533.18 | 5470.20    | 1.55    | ppb   |
| Calcium    | 44-1  | 5566.03 | 5530.29 | 5536.56 | 5544.29    | 0.34    | ppb   |
| Chromium   | 52-2  | -0.05   | -0.02   | -0.07   | -0.04      |         | ppb   |
| Cobalt     | 59-2  | -0.01   | 0.00    | 0.01    | 0.00       | 1863.49 | ppb   |
| Copper     | 63-2  | 84.40   | 85.04   | 84.67   | 84.70      | 0.38    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 23.04   | 24.44   | 23.36   | 23.61      | 3.09    | ppb   |
| Iron       | 57-2  | 24.22   | 27.75   | 27.14   | 26.37      | 7.17    | ppb   |
| Lead       | 206-1 | 0.37    | 0.35    | 0.34    | 0.35       | 4.99    | ppb   |
| Lead       | 207-1 | 0.33    | 0.32    | 0.29    | 0.31       | 6.52    | ppb   |
| Lead       | 208-1 | 0.33    | 0.32    | 0.32    | 0.32       | 1.76    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1198.48 | 1207.89 | 1205.77 | 1204.05    | 0.41    | ppb   |
| Manganese  | 55-2  | 13.68   | 13.74   | 13.57   | 13.67      | 0.66    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-06             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-06-FL1-BRG-W1-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 13:38:29  | DataFile Name :   | 026SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.11    | 0.11    | 0.08    | 0.10       | 15.83   | ppb   |
| Molybdenum | 95-1  | 0.09    | 0.04    | 0.07    | 0.06       | 37.74   | ppb   |
| Molybdenum | 96-1  | 0.07    | 0.11    | 0.06    | 0.08       | 33.08   | ppb   |
| Molybdenum | 97-1  | 0.06    | 0.07    | 0.08    | 0.07       | 9.39    | ppb   |
| Molybdenum | 98-1  | 0.07    | 0.06    | 0.06    | 0.06       | 8.00    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.20    | 0.27    | 0.25    | 0.24       | 15.00   | ppb   |
| Phosphorus | 31-2  | 649.85  | 664.46  | 582.33  | 632.21     | 6.93    | ppb   |
| Potassium  | 39-2  | 502.14  | 501.01  | 497.88  | 500.34     | 0.44    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.18   | -0.18   | 0.30    | -0.02      |         | ppb   |
| Selenium   | 78-2  | 0.63    | 0.64    | 0.05    | 0.44       | 77.68   | ppb   |
| Selenium   | 82-1  | 0.54    | 0.38    | 0.60    | 0.51       | 23.12   | ppb   |
| Silicon    | 28-1  | 918.78  | 893.63  | 901.37  | 904.59     | 1.42    | ppb   |
| Silver     | 109-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Silver     | 107-1 | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Sodium     | 23-2  | 9517.18 | 9616.96 | 9564.37 | 9566.17    | 0.52    | ppb   |
| Strontium  | 86-1  | 18.55   | 17.97   | 18.40   | 18.31      | 1.65    | ppb   |
| Strontium  | 88-1  | 18.20   | 18.30   | 18.12   | 18.21      | 0.49    | ppb   |
| Sulfur     | 34-1  | 432.51  | 481.38  | 620.47  | 511.45     | 19.07   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.02    | 0.01    | 0.01    | 0.01       | 45.97   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.01    | 0.01       | 16.77   | ppb   |
| Tin        | 118-1 | -0.01   | -0.02   | 0.01    | -0.01      |         | ppb   |
| Titanium   | 47-1  | 0.35    | 0.45    | 0.41    | 0.41       | 12.53   | ppb   |
| Uranium    | 238-1 | 0.01    | 0.01    | 0.01    | 0.01       | 5.99    | ppb   |
| Vanadium   | 51-2  | 0.05    | 0.05    | 0.06    | 0.05       | 6.67    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 51.14   | 51.41   | 51.11   | 51.22      | 0.33    | ppb   |
| Zirconium  | 90-1  | 0.05    | 0.05    | 0.03    | 0.04       | 22.64   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-06             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-06-FL1-BRG-W1-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 13:38:29  | DataFile Name :   | 026SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.02    | 0.04    | 0.03       | 33.22   | ppb   |

LB Number : LB91543 Operator : Jaswal  
 Lab Sample ID : I6356-07 Instrumnet Name : P7  
 Client Sample ID : KAJT-07-FL1-BRG-W1-F Dilution Factor : 1  
 Date & Time Acquired :: 2017-11-10 13:41:59 DataFile Name : 027SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 5.47    | 6.03    | 6.18    | 5.89       | 6.36    | ppb   |
| Antimony   | 121-1 | 0.08    | 0.09    | 0.08    | 0.08       | 4.31    | ppb   |
| Arsenic    | 75-2  | 0.36    | 0.34    | 0.30    | 0.34       | 8.71    | ppb   |
| Barium     | 135-1 | 14.28   | 14.31   | 13.68   | 14.09      | 2.52    | ppb   |
| Barium     | 137-1 | 14.54   | 13.82   | 14.32   | 14.23      | 2.59    | ppb   |
| Beryllium  | 9-1   | -0.01   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.81    | 4.13    | 5.03    | 4.66       | 10.11   | ppb   |
| Boron      | 11-1  | 4.99    | 5.21    | 5.13    | 5.11       | 2.19    | ppb   |
| Cadmium    | 111-1 | 0.13    | 0.11    | 0.02    | 0.09       | 68.87   | ppb   |
| Cadmium    | 106-1 | 0.62    | 0.36    | -0.65   | 0.11       | 597.62  | ppb   |
| Cadmium    | 108-1 | 0.05    | 0.08    | 0.12    | 0.08       | 40.40   | ppb   |
| Calcium    | 43-1  | 5525.16 | 5536.57 | 5554.80 | 5538.84    | 0.27    | ppb   |
| Calcium    | 44-1  | 5644.99 | 5620.32 | 5618.53 | 5627.95    | 0.26    | ppb   |
| Chromium   | 52-2  | -0.08   | -0.12   | -0.11   | -0.10      |         | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.00    | 0.00    | 0.00       | 298.14  | ppb   |
| Copper     | 63-2  | 132.68  | 132.29  | 131.78  | 132.25     | 0.34    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 22.55   | 22.87   | 22.87   | 22.76      | 0.83    | ppb   |
| Iron       | 57-2  | 24.90   | 27.61   | 26.68   | 26.40      | 5.21    | ppb   |
| Lead       | 206-1 | 1.35    | 1.44    | 1.40    | 1.40       | 2.93    | ppb   |
| Lead       | 207-1 | 1.27    | 1.28    | 1.27    | 1.27       | 0.45    | ppb   |
| Lead       | 208-1 | 1.32    | 1.32    | 1.31    | 1.31       | 0.32    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1201.07 | 1234.29 | 1212.59 | 1215.98    | 1.39    | ppb   |
| Manganese  | 55-2  | 11.75   | 11.99   | 11.66   | 11.80      | 1.41    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-07             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-07-FL1-BRG-W1-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 13:41:59  | DataFile Name :   | 027SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.11    | 0.11    | 0.12    | 0.11       | 4.28    | ppb   |
| Molybdenum | 95-1  | 0.07    | 0.06    | 0.05    | 0.06       | 13.87   | ppb   |
| Molybdenum | 96-1  | 0.06    | 0.07    | 0.09    | 0.07       | 20.38   | ppb   |
| Molybdenum | 97-1  | 0.07    | 0.05    | 0.06    | 0.06       | 23.37   | ppb   |
| Molybdenum | 98-1  | 0.06    | 0.07    | 0.04    | 0.06       | 29.08   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 2.08    | 1.90    | 2.07    | 2.02       | 5.04    | ppb   |
| Phosphorus | 31-2  | 607.37  | 699.95  | 687.30  | 664.87     | 7.55    | ppb   |
| Potassium  | 39-2  | 500.11  | 506.84  | 506.01  | 504.32     | 0.73    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.18   | -0.18   | -0.18   | -0.18      |         | ppb   |
| Selenium   | 78-2  | 0.93    | 0.48    | 0.32    | 0.58       | 54.34   | ppb   |
| Selenium   | 82-1  | 0.08    | 0.38    | 0.04    | 0.16       | 113.39  | ppb   |
| Silicon    | 28-1  | 914.50  | 921.35  | 914.07  | 916.64     | 0.45    | ppb   |
| Silver     | 109-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Silver     | 107-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Sodium     | 23-2  | 9679.76 | 9763.71 | 9618.95 | 9687.47    | 0.75    | ppb   |
| Strontium  | 86-1  | 18.54   | 18.66   | 18.69   | 18.63      | 0.41    | ppb   |
| Strontium  | 88-1  | 18.45   | 18.66   | 18.43   | 18.51      | 0.70    | ppb   |
| Sulfur     | 34-1  | 467.86  | 517.92  | 493.83  | 493.20     | 5.08    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.00    | 0.01    | 0.01       | 50.08   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.01    | 0.01       | 17.99   | ppb   |
| Tin        | 118-1 | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Titanium   | 47-1  | 0.35    | 0.40    | 1.03    | 0.59       | 64.42   | ppb   |
| Uranium    | 238-1 | 0.01    | 0.01    | 0.00    | 0.01       | 29.38   | ppb   |
| Vanadium   | 51-2  | 0.05    | 0.05    | 0.06    | 0.05       | 10.31   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 26.83   | 26.06   | 26.81   | 26.57      | 1.64    | ppb   |
| Zirconium  | 90-1  | 0.04    | 0.03    | 0.03    | 0.04       | 5.75    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-07             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-07-FL1-BRG-W1-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 13:41:59  | DataFile Name :   | 027SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.04    | 0.05    | 0.01    | 0.04       | 55.90   | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB91543             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV26               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV26               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-11-10 13:45:30 | DataFile Name :   | 028CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 49608.30  | 50399.88  | 49894.99  | 49967.72   | 0.80    | ppb   |
| Antimony   | 121-1 | 482.59    | 489.32    | 486.84    | 486.25     | 0.70    | ppb   |
| Arsenic    | 75-2  | 495.19    | 496.58    | 493.18    | 494.98     | 0.35    | ppb   |
| Barium     | 135-1 | 2508.14   | 2493.76   | 2498.94   | 2500.28    | 0.29    | ppb   |
| Barium     | 137-1 | 2509.94   | 2497.51   | 2496.92   | 2501.45    | 0.29    | ppb   |
| Beryllium  | 9-1   | 513.33    | 509.65    | 513.19    | 512.06     | 0.41    | ppb   |
| Bismuth    | 209-1 |           |           |           |            |         | %     |
| Bismuth    | 209-2 |           |           |           |            |         | %     |
| Boron      | 10-1  | 497.03    | 505.56    | 512.49    | 505.03     | 1.53    | ppb   |
| Boron      | 11-1  | 490.94    | 506.54    | 515.71    | 504.40     | 2.48    | ppb   |
| Cadmium    | 111-1 | 485.35    | 486.76    | 487.97    | 486.69     | 0.27    | ppb   |
| Cadmium    | 106-1 | 490.00    | 491.46    | 494.07    | 491.84     | 0.42    | ppb   |
| Cadmium    | 108-1 | 497.64    | 492.93    | 488.86    | 493.14     | 0.89    | ppb   |
| Calcium    | 43-1  | 244113.22 | 244592.14 | 245233.76 | 244646.37  | 0.23    | ppb   |
| Calcium    | 44-1  | 242957.61 | 244391.70 | 245375.18 | 244241.49  | 0.50    | ppb   |
| Chromium   | 52-2  | 485.21    | 487.11    | 486.11    | 486.15     | 0.20    | ppb   |
| Cobalt     | 59-2  | 477.95    | 477.86    | 476.93    | 477.58     | 0.12    | ppb   |
| Copper     | 63-2  | 929.73    | 935.15    | 933.96    | 932.94     | 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 |           |           |           |            |         | %     |
| Holmium    | 165-2 |           |           |           |            |         | %     |
| Indium     | 115-1 |           |           |           |            |         | %     |
| Indium     | 115-2 |           |           |           |            |         | %     |
| Iron       | 56-2  | 123456.45 | 123881.60 | 123743.50 | 123693.85  | 0.18    | ppb   |
| Iron       | 57-2  | 123193.44 | 123662.48 | 123333.53 | 123396.49  | 0.20    | ppb   |
| Lead       | 206-1 | 492.83    | 498.13    | 499.74    | 496.90     | 0.73    | ppb   |
| Lead       | 207-1 | 493.49    | 494.25    | 499.32    | 495.69     | 0.64    | ppb   |
| Lead       | 208-1 | 498.47    | 500.02    | 501.98    | 500.15     | 0.35    | ppb   |
| Lithium    | 6-1   |           |           |           |            |         | %     |
| Magnesium  | 24-2  | 252555.63 | 252780.43 | 253466.23 | 252934.10  | 0.19    | ppb   |
| Manganese  | 55-2  | 980.24    | 986.63    | 980.25    | 982.37     | 0.38    | ppb   |



|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB91543             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV26               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV26               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-11-10 13:45:30 | DataFile Name :   | 028CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 2493.74   | 2474.38   | 2484.04   | 2484.05    | 0.39    | ppb   |
| Molybdenum | 95-1  | 2482.90   | 2491.69   | 2474.67   | 2483.09    | 0.34    | ppb   |
| Molybdenum | 96-1  | 2478.94   | 2473.37   | 2483.36   | 2478.56    | 0.20    | ppb   |
| Molybdenum | 97-1  | 2483.28   | 2491.33   | 2505.98   | 2493.53    | 0.46    | ppb   |
| Molybdenum | 98-1  | 2491.19   | 2479.20   | 2496.62   | 2489.00    | 0.36    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 468.93    | 470.10    | 470.11    | 469.72     | 0.14    | ppb   |
| Phosphorus | 31-2  | 10124.67  | 10171.18  | 10256.30  | 10184.05   | 0.66    | ppb   |
| Potassium  | 39-2  | 124721.22 | 125624.70 | 125500.39 | 125282.10  | 0.39    | ppb   |
| Rhodium    | 103-1 |           |           |           |            |         | %     |
| Rhodium    | 103-2 |           |           |           |            |         | %     |
| Scandium   | 45-1  |           |           |           |            |         | %     |
| Scandium   | 45-2  |           |           |           |            |         | %     |
| Selenium   | 77-2  | 492.52    | 495.24    | 511.53    | 499.76     | 2.06    | ppb   |
| Selenium   | 78-2  | 498.21    | 490.43    | 479.69    | 489.44     | 1.90    | ppb   |
| Selenium   | 82-1  | 484.07    | 484.45    | 492.21    | 486.91     | 0.94    | ppb   |
| Silicon    | 28-1  | 630.89    | 642.16    | 656.85    | 643.30     | 2.02    | ppb   |
| Silver     | 109-1 | 483.46    | 484.04    | 482.00    | 483.16     | 0.22    | ppb   |
| Silver     | 107-1 | 481.70    | 481.36    | 481.28    | 481.45     | 0.05    | ppb   |
| Sodium     | 23-2  | 252236.98 | 252250.16 | 252755.80 | 252414.31  | 0.12    | ppb   |
| Strontium  | 86-1  | 509.84    | 506.10    | 509.13    | 508.36     | 0.39    | ppb   |
| Strontium  | 88-1  | 512.49    | 513.00    | 513.81    | 513.10     | 0.13    | ppb   |
| Sulfur     | 34-1  | 10219.96  | 10155.45  | 10153.45  | 10176.29   | 0.37    | ppb   |
| Terbium    | 159-1 |           |           |           |            |         | %     |
| Terbium    | 159-2 |           |           |           |            |         | %     |
| Thallium   | 203-1 | 494.94    | 498.18    | 497.99    | 497.04     | 0.37    | ppb   |
| Thallium   | 205-1 | 503.14    | 504.19    | 507.96    | 505.10     | 0.50    | ppb   |
| Tin        | 118-1 | 491.04    | 494.66    | 492.09    | 492.60     | 0.38    | ppb   |
| Titanium   | 47-1  | 2473.75   | 2484.26   | 2487.43   | 2481.81    | 0.29    | ppb   |
| Uranium    | 238-1 | 505.54    | 508.96    | 513.57    | 509.36     | 0.79    | ppb   |
| Vanadium   | 51-2  | 494.80    | 496.37    | 498.51    | 496.56     | 0.37    | ppb   |
| Yttrium    | 89-1  |           |           |           |            |         | %     |
| Yttrium    | 89-2  |           |           |           |            |         | %     |
| Zinc       | 66-2  | 940.41    | 942.70    | 944.58    | 942.57     | 0.22    | ppb   |
| Zirconium  | 90-1  | 497.71    | 499.50    | 499.50    | 498.90     | 0.21    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB91543             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV26               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV26               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-11-10 13:45:30 | DataFile Name :   | 028CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 496.85  | 497.97  | 494.97  | 496.59     | 0.31    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB26               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB26               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 13:49:06 | DataFile Name :   | 029CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 3.01    | 3.09    | 2.29    | 2.79       | 15.65   | ppb   |
| Antimony   | 121-1 | 1.60    | 1.46    | 1.39    | 1.48       | 7.03    | ppb   |
| Arsenic    | 75-2  | 0.10    | 0.09    | 0.08    | 0.09       | 10.93   | ppb   |
| Barium     | 135-1 | 0.20    | 0.16    | 0.20    | 0.19       | 13.99   | ppb   |
| Barium     | 137-1 | 0.15    | 0.15    | 0.14    | 0.15       | 5.22    | ppb   |
| Beryllium  | 9-1   | 0.09    | 0.12    | 0.11    | 0.11       | 16.84   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 13.49   | 10.57   | 10.11   | 11.39      | 16.09   | ppb   |
| Boron      | 11-1  | 13.73   | 11.94   | 11.40   | 12.36      | 9.86    | ppb   |
| Cadmium    | 111-1 | 0.04    | -0.01   | 0.01    | 0.01       | 153.80  | ppb   |
| Cadmium    | 106-1 | 0.06    | -0.64   | -0.30   | -0.30      |         | ppb   |
| Cadmium    | 108-1 | 0.13    | 0.11    | 0.08    | 0.11       | 21.25   | ppb   |
| Calcium    | 43-1  | 16.64   | 20.18   | 17.98   | 18.27      | 9.78    | ppb   |
| Calcium    | 44-1  | 18.10   | 21.36   | 21.82   | 20.42      | 9.92    | ppb   |
| Chromium   | 52-2  | -0.01   | 0.07    | 0.01    | 0.02       | 160.19  | ppb   |
| Cobalt     | 59-2  | 0.03    | 0.02    | 0.01    | 0.02       | 44.62   | ppb   |
| Copper     | 63-2  | 0.15    | 0.13    | 0.09    | 0.12       | 23.80   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 10.31   | 8.70    | 7.59    | 8.87       | 15.41   | ppb   |
| Iron       | 57-2  | 9.85    | 9.21    | 8.38    | 9.15       | 8.05    | ppb   |
| Lead       | 206-1 | 0.10    | 0.10    | 0.09    | 0.10       | 4.94    | ppb   |
| Lead       | 207-1 | 0.11    | 0.10    | 0.08    | 0.09       | 14.70   | ppb   |
| Lead       | 208-1 | 0.11    | 0.11    | 0.09    | 0.10       | 7.48    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 12.20   | 11.26   | 7.82    | 10.42      | 22.13   | ppb   |
| Manganese  | 55-2  | 0.05    | 0.06    | 0.03    | 0.04       | 38.61   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB26               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB26               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 13:49:06 | DataFile Name :   | 029CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.95    | 0.87    | 0.85    | 0.89       | 5.53    | ppb   |
| Molybdenum | 95-1  | 1.04    | 1.05    | 0.87    | 0.98       | 10.51   | ppb   |
| Molybdenum | 96-1  | 1.02    | 1.00    | 0.88    | 0.97       | 7.66    | ppb   |
| Molybdenum | 97-1  | 1.08    | 0.96    | 0.91    | 0.99       | 8.56    | ppb   |
| Molybdenum | 98-1  | 1.09    | 0.99    | 0.91    | 1.00       | 8.87    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.02    | -0.01   | 0.00    | 0.00       | 1237.45 | ppb   |
| Phosphorus | 31-2  | 1.25    | -2.39   | 13.87   | 4.25       | 201.00  | ppb   |
| Potassium  | 39-2  | 30.97   | 24.57   | 25.01   | 26.85      | 13.31   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.18   | -0.18   | 0.32    | -0.01      |         | ppb   |
| Selenium   | 78-2  | 0.59    | 0.99    | 0.94    | 0.84       | 26.16   | ppb   |
| Selenium   | 82-1  | 0.57    | 0.64    | 0.94    | 0.72       | 27.52   | ppb   |
| Silicon    | 28-1  | 3.74    | 3.45    | 2.73    | 3.31       | 15.70   | ppb   |
| Silver     | 109-1 | 0.02    | 0.02    | 0.02    | 0.02       | 14.86   | ppb   |
| Silver     | 107-1 | 0.03    | 0.03    | 0.02    | 0.03       | 25.82   | ppb   |
| Sodium     | 23-2  | 35.69   | 32.03   | 31.56   | 33.09      | 6.83    | ppb   |
| Strontium  | 86-1  | 0.01    | 0.02    | 0.00    | 0.01       | 128.25  | ppb   |
| Strontium  | 88-1  | 0.03    | 0.04    | 0.04    | 0.04       | 7.93    | ppb   |
| Sulfur     | 34-1  | -494.72 | -487.32 | -407.65 | -463.23    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.20    | 0.20    | 0.17    | 0.19       | 8.58    | ppb   |
| Thallium   | 205-1 | 0.20    | 0.20    | 0.17    | 0.19       | 10.64   | ppb   |
| Tin        | 118-1 | 0.36    | 0.38    | 0.33    | 0.36       | 7.39    | ppb   |
| Titanium   | 47-1  | 0.28    | 0.30    | 0.36    | 0.31       | 13.38   | ppb   |
| Uranium    | 238-1 | 0.04    | 0.04    | 0.04    | 0.04       | 5.14    | ppb   |
| Vanadium   | 51-2  | 0.02    | 0.01    | 0.02    | 0.02       | 24.65   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | -0.10   | -0.24   | 0.06    | -0.10      |         | ppb   |
| Zirconium  | 90-1  | 0.12    | 0.11    | 0.11    | 0.11       | 1.73    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB26               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB26               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 13:49:06 | DataFile Name :   | 029CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.13    | 0.14    | 0.11    | 0.13       | 14.05   | ppb   |

LB Number : LB91543 Operator : Jaswal  
 Lab Sample ID : I6356-08 Instrumnet Name : P7  
 Client Sample ID : KAJT-08-FL1-BRG-W1-F Dilution Factor : 1  
 Date & Time Acquired :: 2017-11-10 13:52:37 DataFile Name : 030SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 14.11   | 13.46   | 13.85   | 13.81      | 2.37    | ppb   |
| Antimony   | 121-1 | 0.30    | 0.33    | 0.33    | 0.32       | 5.79    | ppb   |
| Arsenic    | 75-2  | 0.40    | 0.38    | 0.34    | 0.37       | 7.92    | ppb   |
| Barium     | 135-1 | 13.14   | 13.12   | 13.05   | 13.10      | 0.35    | ppb   |
| Barium     | 137-1 | 13.13   | 13.60   | 12.92   | 13.22      | 2.60    | ppb   |
| Beryllium  | 9-1   | 0.03    | 0.04    | 0.06    | 0.04       | 30.08   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 8.24    | 8.08    | 9.41    | 8.58       | 8.44    | ppb   |
| Boron      | 11-1  | 8.69    | 8.52    | 8.47    | 8.56       | 1.34    | ppb   |
| Cadmium    | 111-1 | 0.30    | 0.10    | 0.18    | 0.19       | 52.98   | ppb   |
| Cadmium    | 106-1 | 2.39    | -0.41   | 0.51    | 0.83       | 172.45  | ppb   |
| Cadmium    | 108-1 | 0.24    | 0.22    | 0.31    | 0.26       | 16.93   | ppb   |
| Calcium    | 43-1  | 5553.75 | 5555.86 | 5480.07 | 5529.89    | 0.78    | ppb   |
| Calcium    | 44-1  | 5628.21 | 5635.05 | 5584.24 | 5615.83    | 0.49    | ppb   |
| Chromium   | 52-2  | -0.03   | -0.08   | -0.06   | -0.06      |         | ppb   |
| Cobalt     | 59-2  | 0.04    | 0.03    | 0.04    | 0.04       | 13.29   | ppb   |
| Copper     | 63-2  | 84.08   | 84.60   | 85.27   | 84.65      | 0.70    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 27.11   | 28.11   | 26.03   | 27.08      | 3.84    | ppb   |
| Iron       | 57-2  | 29.99   | 32.94   | 32.62   | 31.85      | 5.08    | ppb   |
| Lead       | 206-1 | 0.61    | 0.61    | 0.62    | 0.62       | 1.15    | ppb   |
| Lead       | 207-1 | 0.54    | 0.55    | 0.53    | 0.54       | 2.16    | ppb   |
| Lead       | 208-1 | 0.57    | 0.57    | 0.56    | 0.57       | 1.03    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1210.29 | 1214.88 | 1208.91 | 1211.36    | 0.26    | ppb   |
| Manganese  | 55-2  | 15.78   | 15.46   | 15.58   | 15.61      | 1.03    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-08             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-08-FL1-BRG-W1-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 13:52:37  | DataFile Name :   | 030SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.81    | 0.65    | 0.64    | 0.70       | 13.45   | ppb   |
| Molybdenum | 95-1  | 0.31    | 0.26    | 0.26    | 0.27       | 9.56    | ppb   |
| Molybdenum | 96-1  | 0.29    | 0.37    | 0.36    | 0.34       | 12.65   | ppb   |
| Molybdenum | 97-1  | 0.31    | 0.29    | 0.30    | 0.30       | 3.16    | ppb   |
| Molybdenum | 98-1  | 0.28    | 0.24    | 0.27    | 0.26       | 7.22    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.41    | 0.35    | 0.32    | 0.36       | 12.12   | ppb   |
| Phosphorus | 31-2  | 647.73  | 655.76  | 669.33  | 657.60     | 1.66    | ppb   |
| Potassium  | 39-2  | 500.97  | 515.68  | 521.91  | 512.86     | 2.10    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.18   | -0.18   | -0.18   | -0.18      |         | ppb   |
| Selenium   | 78-2  | -0.01   | 0.49    | 0.97    | 0.48       | 101.84  | ppb   |
| Selenium   | 82-1  | 0.25    | 0.41    | 0.57    | 0.41       | 39.43   | ppb   |
| Silicon    | 28-1  | 908.23  | 914.32  | 921.95  | 914.83     | 0.75    | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sodium     | 23-2  | 9641.43 | 9655.56 | 9713.80 | 9670.26    | 0.40    | ppb   |
| Strontium  | 86-1  | 18.57   | 18.56   | 18.68   | 18.61      | 0.36    | ppb   |
| Strontium  | 88-1  | 18.33   | 18.15   | 18.18   | 18.22      | 0.53    | ppb   |
| Sulfur     | 34-1  | 194.05  | 258.16  | 254.68  | 235.63     | 15.30   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.05    | 0.06    | 0.05    | 0.05       | 13.67   | ppb   |
| Thallium   | 205-1 | 0.05    | 0.06    | 0.06    | 0.06       | 3.26    | ppb   |
| Tin        | 118-1 | 0.06    | 0.05    | 0.06    | 0.05       | 8.62    | ppb   |
| Titanium   | 47-1  | 0.40    | 0.40    | 0.44    | 0.41       | 5.33    | ppb   |
| Uranium    | 238-1 | 0.01    | 0.01    | 0.01    | 0.01       | 26.72   | ppb   |
| Vanadium   | 51-2  | 0.05    | 0.06    | 0.05    | 0.06       | 11.37   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 47.92   | 47.76   | 48.88   | 48.19      | 1.25    | ppb   |
| Zirconium  | 90-1  | 0.37    | 0.29    | 0.28    | 0.32       | 15.97   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-08             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-08-FL1-BRG-W1-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 13:52:37  | DataFile Name :   | 030SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.40    | 0.32    | 0.30    | 0.34       | 15.11   | ppb   |



LB Number : LB91543 Operator : Jaswal  
 Lab Sample ID : I6356-09 Instrumnet Name : P7  
 Client Sample ID : KAJT-09-FL1-BRG-W1-F Dilution Factor : 1  
 Date & Time Acquired :: 2017-11-10 13:56:09 DataFile Name : 031SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 15.27   | 12.94   | 12.98   | 13.73      | 9.73    | ppb   |
| Antimony   | 121-1 | 0.18    | 0.18    | 0.20    | 0.19       | 4.76    | ppb   |
| Arsenic    | 75-2  | 0.37    | 0.34    | 0.28    | 0.33       | 14.53   | ppb   |
| Barium     | 135-1 | 12.68   | 12.06   | 12.58   | 12.44      | 2.69    | ppb   |
| Barium     | 137-1 | 12.75   | 12.53   | 12.53   | 12.60      | 1.00    | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.00    | 0.02    | 0.01       | 99.76   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 6.98    | 7.72    | 7.60    | 7.43       | 5.35    | ppb   |
| Boron      | 11-1  | 7.51    | 7.75    | 7.44    | 7.57       | 2.11    | ppb   |
| Cadmium    | 111-1 | 0.10    | 0.07    | 0.11    | 0.09       | 25.68   | ppb   |
| Cadmium    | 106-1 | -0.62   | -0.72   | 0.33    | -0.33      |         | ppb   |
| Cadmium    | 108-1 | 0.18    | 0.16    | 0.27    | 0.20       | 29.13   | ppb   |
| Calcium    | 43-1  | 5628.26 | 5599.86 | 5662.92 | 5630.35    | 0.56    | ppb   |
| Calcium    | 44-1  | 5630.96 | 5591.56 | 5591.90 | 5604.81    | 0.40    | ppb   |
| Chromium   | 52-2  | -0.08   | -0.11   | -0.13   | -0.11      |         | ppb   |
| Cobalt     | 59-2  | 0.04    | 0.03    | 0.05    | 0.04       | 23.81   | ppb   |
| Copper     | 63-2  | 76.41   | 75.55   | 75.57   | 75.84      | 0.65    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 24.84   | 23.45   | 27.68   | 25.32      | 8.53    | ppb   |
| Iron       | 57-2  | 26.98   | 25.01   | 27.07   | 26.35      | 4.43    | ppb   |
| Lead       | 206-1 | 0.42    | 0.39    | 0.42    | 0.41       | 4.48    | ppb   |
| Lead       | 207-1 | 0.36    | 0.37    | 0.37    | 0.37       | 1.62    | ppb   |
| Lead       | 208-1 | 0.39    | 0.38    | 0.38    | 0.38       | 2.53    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1240.77 | 1228.75 | 1231.92 | 1233.81    | 0.51    | ppb   |
| Manganese  | 55-2  | 14.50   | 14.49   | 14.31   | 14.43      | 0.75    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-09             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-09-FL1-BRG-W1-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 13:56:09  | DataFile Name :   | 031SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.34    | 0.33    | 0.29    | 0.32       | 7.94    | ppb   |
| Molybdenum | 95-1  | 0.17    | 0.18    | 0.15    | 0.17       | 10.35   | ppb   |
| Molybdenum | 96-1  | 0.18    | 0.18    | 0.20    | 0.18       | 7.35    | ppb   |
| Molybdenum | 97-1  | 0.13    | 0.14    | 0.12    | 0.13       | 9.36    | ppb   |
| Molybdenum | 98-1  | 0.16    | 0.15    | 0.15    | 0.15       | 4.87    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.25    | 0.24    | 0.32    | 0.27       | 16.11   | ppb   |
| Phosphorus | 31-2  | 684.79  | 650.15  | 669.06  | 668.00     | 2.60    | ppb   |
| Potassium  | 39-2  | 507.58  | 501.19  | 505.03  | 504.60     | 0.64    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.18   | -0.18   | -0.18   | -0.18      |         | ppb   |
| Selenium   | 78-2  | 0.29    | 0.49    | -0.03   | 0.25       | 105.56  | ppb   |
| Selenium   | 82-1  | 0.47    | 0.59    | 0.31    | 0.46       | 29.79   | ppb   |
| Silicon    | 28-1  | 886.11  | 903.40  | 895.07  | 894.86     | 0.97    | ppb   |
| Silver     | 109-1 | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sodium     | 23-2  | 9631.76 | 9614.51 | 9570.75 | 9605.67    | 0.33    | ppb   |
| Strontium  | 86-1  | 18.12   | 17.81   | 17.76   | 17.90      | 1.10    | ppb   |
| Strontium  | 88-1  | 17.73   | 17.80   | 17.79   | 17.77      | 0.22    | ppb   |
| Sulfur     | 34-1  | 311.72  | 368.67  | 337.65  | 339.35     | 8.40    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.03    | 0.03    | 0.02    | 0.03       | 15.48   | ppb   |
| Thallium   | 205-1 | 0.03    | 0.03    | 0.03    | 0.03       | 7.14    | ppb   |
| Tin        | 118-1 | 0.02    | 0.02    | 0.03    | 0.03       | 16.62   | ppb   |
| Titanium   | 47-1  | 0.33    | 0.28    | 0.40    | 0.34       | 16.93   | ppb   |
| Uranium    | 238-1 | 0.00    | 0.01    | 0.01    | 0.01       | 36.68   | ppb   |
| Vanadium   | 51-2  | 0.04    | 0.06    | 0.05    | 0.05       | 15.10   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 45.69   | 45.57   | 46.02   | 45.76      | 0.51    | ppb   |
| Zirconium  | 90-1  | 0.15    | 0.14    | 0.13    | 0.14       | 7.58    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-09             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-09-FL1-BRG-W1-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 13:56:09  | DataFile Name :   | 031SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.12    | 0.11    | 0.11    | 0.12       | 6.45    | ppb   |

LB Number : LB91543 Operator : Jaswal  
 Lab Sample ID : I6356-10 Instrumnet Name : P7  
 Client Sample ID : KAJT-10-FL1-BRG-W1-B Dilution Factor : 1  
 Date & Time Acquired :: 2017-11-10 13:59:40 DataFile Name : 032SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 7.55    | 10.17   | 8.54    | 8.75       | 15.08   | ppb   |
| Antimony   | 121-1 | 0.14    | 0.15    | 0.16    | 0.15       | 8.36    | ppb   |
| Arsenic    | 75-2  | 0.42    | 0.30    | 0.29    | 0.34       | 21.28   | ppb   |
| Barium     | 135-1 | 13.92   | 14.23   | 13.99   | 14.05      | 1.16    | ppb   |
| Barium     | 137-1 | 13.72   | 13.68   | 13.63   | 13.68      | 0.32    | ppb   |
| Beryllium  | 9-1   | -0.01   | 0.00    | 0.01    | 0.00       | 543.48  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 6.80    | 6.53    | 6.95    | 6.76       | 3.14    | ppb   |
| Boron      | 11-1  | 5.88    | 5.96    | 6.44    | 6.09       | 4.95    | ppb   |
| Cadmium    | 111-1 | 0.23    | 0.11    | 0.09    | 0.14       | 53.81   | ppb   |
| Cadmium    | 106-1 | 1.03    | -0.40   | -0.13   | 0.17       | 460.05  | ppb   |
| Cadmium    | 108-1 | 0.07    | 0.24    | 0.37    | 0.23       | 64.92   | ppb   |
| Calcium    | 43-1  | 5537.76 | 5528.98 | 5566.62 | 5544.45    | 0.36    | ppb   |
| Calcium    | 44-1  | 5597.69 | 5625.91 | 5576.11 | 5599.90    | 0.45    | ppb   |
| Chromium   | 52-2  | -0.08   | -0.07   | -0.10   | -0.08      |         | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.01    | 0.01       | 23.46   | ppb   |
| Copper     | 63-2  | 120.54  | 119.56  | 120.56  | 120.22     | 0.48    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 25.65   | 25.20   | 29.58   | 26.81      | 8.99    | ppb   |
| Iron       | 57-2  | 28.32   | 30.09   | 31.56   | 29.99      | 5.41    | ppb   |
| Lead       | 206-1 | 1.07    | 1.09    | 1.02    | 1.06       | 3.35    | ppb   |
| Lead       | 207-1 | 0.96    | 0.91    | 0.96    | 0.94       | 3.21    | ppb   |
| Lead       | 208-1 | 1.01    | 1.00    | 0.99    | 1.00       | 0.89    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1204.58 | 1212.08 | 1212.46 | 1209.71    | 0.37    | ppb   |
| Manganese  | 55-2  | 15.02   | 14.64   | 14.57   | 14.74      | 1.66    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-10             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-10-FL1-BRG-W1-B | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 13:59:40  | DataFile Name :   | 032SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.26    | 0.21    | 0.33    | 0.26       | 23.38   | ppb   |
| Molybdenum | 95-1  | 0.10    | 0.12    | 0.13    | 0.11       | 13.67   | ppb   |
| Molybdenum | 96-1  | 0.13    | 0.14    | 0.15    | 0.14       | 6.03    | ppb   |
| Molybdenum | 97-1  | 0.10    | 0.11    | 0.09    | 0.10       | 12.06   | ppb   |
| Molybdenum | 98-1  | 0.12    | 0.09    | 0.13    | 0.11       | 16.39   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 2.61    | 2.85    | 2.60    | 2.69       | 5.32    | ppb   |
| Phosphorus | 31-2  | 654.02  | 666.76  | 671.39  | 664.06     | 1.35    | ppb   |
| Potassium  | 39-2  | 507.45  | 510.07  | 509.39  | 508.97     | 0.27    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.75    | -0.18   | -0.18   | 0.13       | 404.46  | ppb   |
| Selenium   | 78-2  | -0.18   | -0.46   | -0.11   | -0.25      |         | ppb   |
| Selenium   | 82-1  | 0.74    | 0.41    | 1.21    | 0.79       | 51.52   | ppb   |
| Silicon    | 28-1  | 911.52  | 912.26  | 907.87  | 910.55     | 0.26    | ppb   |
| Silver     | 109-1 | -0.01   | 0.00    | -0.01   | 0.00       |         | ppb   |
| Silver     | 107-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Sodium     | 23-2  | 9632.95 | 9697.18 | 9728.46 | 9686.19    | 0.50    | ppb   |
| Strontium  | 86-1  | 18.16   | 18.38   | 18.55   | 18.36      | 1.08    | ppb   |
| Strontium  | 88-1  | 18.36   | 18.38   | 18.10   | 18.28      | 0.86    | ppb   |
| Sulfur     | 34-1  | 281.83  | 299.80  | 313.75  | 298.46     | 5.36    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.02    | 0.02    | 0.02    | 0.02       | 16.92   | ppb   |
| Thallium   | 205-1 | 0.02    | 0.02    | 0.02    | 0.02       | 9.23    | ppb   |
| Tin        | 118-1 | 0.00    | 0.01    | 0.01    | 0.00       | 151.95  | ppb   |
| Titanium   | 47-1  | 0.42    | 0.38    | 0.39    | 0.40       | 5.89    | ppb   |
| Uranium    | 238-1 | 0.01    | 0.01    | 0.01    | 0.01       | 20.77   | ppb   |
| Vanadium   | 51-2  | 0.07    | 0.04    | 0.05    | 0.06       | 26.45   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 58.79   | 58.91   | 60.15   | 59.29      | 1.26    | ppb   |
| Zirconium  | 90-1  | 0.09    | 0.08    | 0.07    | 0.08       | 12.21   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-10             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-10-FL1-BRG-W1-B | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 13:59:40  | DataFile Name :   | 032SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.05    | 0.06    | 0.08    | 0.06       | 18.42   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-11             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-11-FL1-BRG-W1-B | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 14:03:12  | DataFile Name :   | 033SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 9.73    | 8.99    | 8.54    | 9.09       | 6.62    | ppb   |
| Antimony   | 121-1 | 0.12    | 0.13    | 0.12    | 0.12       | 4.23    | ppb   |
| Arsenic    | 75-2  | 0.36    | 0.35    | 0.37    | 0.36       | 3.37    | ppb   |
| Barium     | 135-1 | 13.71   | 13.48   | 13.76   | 13.65      | 1.10    | ppb   |
| Barium     | 137-1 | 14.08   | 13.73   | 13.54   | 13.78      | 1.99    | ppb   |
| Beryllium  | 9-1   | 0.02    | 0.02    | 0.02    | 0.02       | 9.17    | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 5.15    | 5.01    | 5.31    | 5.16       | 2.85    | ppb   |
| Boron      | 11-1  | 5.86    | 5.93    | 6.15    | 5.98       | 2.52    | ppb   |
| Cadmium    | 111-1 | 0.13    | 0.17    | 0.11    | 0.14       | 22.19   | ppb   |
| Cadmium    | 106-1 | -0.15   | 0.37    | -0.98   | -0.25      |         | ppb   |
| Cadmium    | 108-1 | 0.18    | 0.24    | 0.01    | 0.14       | 82.89   | ppb   |
| Calcium    | 43-1  | 5623.43 | 5556.96 | 5558.77 | 5579.72    | 0.68    | ppb   |
| Calcium    | 44-1  | 5654.17 | 5569.37 | 5586.47 | 5603.34    | 0.80    | ppb   |
| Chromium   | 52-2  | -0.07   | -0.02   | -0.07   | -0.05      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.01    | 0.00       | 149.52  | ppb   |
| Copper     | 63-2  | 87.53   | 87.86   | 88.17   | 87.85      | 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 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 24.72   | 25.34   | 31.02   | 27.03      | 12.85   | ppb   |
| Iron       | 57-2  | 26.90   | 28.02   | 26.77   | 27.23      | 2.53    | ppb   |
| Lead       | 206-1 | 0.51    | 0.56    | 0.55    | 0.54       | 5.06    | ppb   |
| Lead       | 207-1 | 0.53    | 0.51    | 0.53    | 0.52       | 2.54    | ppb   |
| Lead       | 208-1 | 0.53    | 0.54    | 0.54    | 0.54       | 1.70    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1210.11 | 1219.92 | 1192.83 | 1207.62    | 1.14    | ppb   |
| Manganese  | 55-2  | 14.87   | 15.04   | 14.42   | 14.78      | 2.16    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-11             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-11-FL1-BRG-W1-B | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 14:03:12  | DataFile Name :   | 033SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.23    | 0.19    | 0.18    | 0.20       | 12.55   | ppb   |
| Molybdenum | 95-1  | 0.10    | 0.10    | 0.09    | 0.10       | 5.71    | ppb   |
| Molybdenum | 96-1  | 0.13    | 0.13    | 0.09    | 0.11       | 20.37   | ppb   |
| Molybdenum | 97-1  | 0.12    | 0.10    | 0.10    | 0.11       | 12.57   | ppb   |
| Molybdenum | 98-1  | 0.10    | 0.11    | 0.10    | 0.10       | 8.13    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.70    | 0.72    | 0.76    | 0.73       | 4.58    | ppb   |
| Phosphorus | 31-2  | 651.31  | 660.81  | 595.39  | 635.84     | 5.56    | ppb   |
| Potassium  | 39-2  | 499.40  | 509.63  | 520.00  | 509.68     | 2.02    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.18   | -0.18   | -0.18   | -0.18      |         | ppb   |
| Selenium   | 78-2  | 0.46    | 0.69    | 0.31    | 0.49       | 39.27   | ppb   |
| Selenium   | 82-1  | 0.51    | -0.09   | 0.20    | 0.21       | 145.17  | ppb   |
| Silicon    | 28-1  | 917.11  | 904.61  | 906.34  | 909.35     | 0.74    | ppb   |
| Silver     | 109-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Silver     | 107-1 | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Sodium     | 23-2  | 9623.69 | 9674.20 | 9559.07 | 9618.98    | 0.60    | ppb   |
| Strontium  | 86-1  | 18.76   | 18.63   | 18.44   | 18.61      | 0.86    | ppb   |
| Strontium  | 88-1  | 18.43   | 18.45   | 18.32   | 18.40      | 0.37    | ppb   |
| Sulfur     | 34-1  | 457.52  | 466.52  | 419.32  | 447.78     | 5.60    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.02    | 0.02    | 0.02    | 0.02       | 18.50   | ppb   |
| Thallium   | 205-1 | 0.02    | 0.01    | 0.02    | 0.02       | 24.87   | ppb   |
| Tin        | 118-1 | 0.00    | 0.01    | 0.00    | 0.00       | 96.57   | ppb   |
| Titanium   | 47-1  | 0.44    | 0.34    | 0.46    | 0.41       | 15.91   | ppb   |
| Uranium    | 238-1 | 0.01    | 0.01    | 0.01    | 0.01       | 17.05   | ppb   |
| Vanadium   | 51-2  | 0.04    | 0.06    | 0.06    | 0.05       | 20.55   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 56.02   | 54.71   | 56.18   | 55.63      | 1.44    | ppb   |
| Zirconium  | 90-1  | 0.08    | 0.06    | 0.07    | 0.07       | 11.03   | ppb   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-11             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-11-FL1-BRG-W1-B | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 14:03:12  | DataFile Name :   | 033SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.08    | 0.07    | 0.03    | 0.06       | 37.80   | ppb   |

LB Number : LB91543 Operator : Jaswal  
 Lab Sample ID : I6356-12 Instrumnet Name : P7  
 Client Sample ID : KAJT-12-FL1-BRG-W1-B Dilution Factor : 1  
 Date & Time Acquired :: 2017-11-10 14:06:44 DataFile Name : 034SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 8.58    | 6.04    | 8.61    | 7.74       | 19.08   | ppb   |
| Antimony   | 121-1 | 0.09    | 0.11    | 0.11    | 0.10       | 9.80    | ppb   |
| Arsenic    | 75-2  | 0.34    | 0.26    | 0.36    | 0.32       | 16.16   | ppb   |
| Barium     | 135-1 | 13.79   | 13.81   | 13.79   | 13.80      | 0.07    | ppb   |
| Barium     | 137-1 | 13.95   | 13.70   | 13.80   | 13.82      | 0.90    | ppb   |
| Beryllium  | 9-1   | 0.02    | 0.00    | 0.02    | 0.01       | 70.68   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 5.49    | 5.06    | 5.05    | 5.20       | 4.85    | ppb   |
| Boron      | 11-1  | 5.58    | 5.28    | 5.48    | 5.45       | 2.80    | ppb   |
| Cadmium    | 111-1 | 0.24    | 0.14    | -0.02   | 0.12       | 108.45  | ppb   |
| Cadmium    | 106-1 | 1.20    | -0.24   | -1.91   | -0.32      |         | ppb   |
| Cadmium    | 108-1 | 0.22    | 0.20    | 0.18    | 0.20       | 9.72    | ppb   |
| Calcium    | 43-1  | 5639.95 | 5611.56 | 5560.12 | 5603.88    | 0.72    | ppb   |
| Calcium    | 44-1  | 5617.91 | 5582.25 | 5551.35 | 5583.83    | 0.60    | ppb   |
| Chromium   | 52-2  | -0.07   | -0.07   | -0.06   | -0.07      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.01    | 0.00    | 0.00       | 110.25  | ppb   |
| Copper     | 63-2  | 87.55   | 86.55   | 87.37   | 87.16      | 0.61    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 26.82   | 25.15   | 24.79   | 25.59      | 4.23    | ppb   |
| Iron       | 57-2  | 30.28   | 29.77   | 27.73   | 29.26      | 4.62    | ppb   |
| Lead       | 206-1 | 0.49    | 0.49    | 0.53    | 0.50       | 5.12    | ppb   |
| Lead       | 207-1 | 0.41    | 0.38    | 0.43    | 0.40       | 5.74    | ppb   |
| Lead       | 208-1 | 0.44    | 0.44    | 0.45    | 0.44       | 1.73    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1213.57 | 1209.97 | 1219.60 | 1214.38    | 0.40    | ppb   |
| Manganese  | 55-2  | 14.42   | 14.66   | 14.81   | 14.63      | 1.34    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-12             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-12-FL1-BRG-W1-B | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 14:06:44  | DataFile Name :   | 034SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.14    | 0.14    | 0.15    | 0.14       | 4.79    | ppb   |
| Molybdenum | 95-1  | 0.10    | 0.09    | 0.07    | 0.09       | 15.10   | ppb   |
| Molybdenum | 96-1  | 0.09    | 0.09    | 0.08    | 0.09       | 10.64   | ppb   |
| Molybdenum | 97-1  | 0.07    | 0.06    | 0.10    | 0.08       | 22.76   | ppb   |
| Molybdenum | 98-1  | 0.08    | 0.10    | 0.09    | 0.09       | 11.93   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.70    | 0.59    | 0.64    | 0.64       | 8.98    | ppb   |
| Phosphorus | 31-2  | 634.70  | 622.54  | 635.60  | 630.95     | 1.16    | ppb   |
| Potassium  | 39-2  | 513.59  | 502.80  | 511.00  | 509.13     | 1.11    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.18   | -0.18   | -0.18   | -0.18      |         | ppb   |
| Selenium   | 78-2  | -0.06   | 0.24    | 0.60    | 0.26       | 128.90  | ppb   |
| Selenium   | 82-1  | 0.62    | 0.67    | 0.48    | 0.59       | 16.94   | ppb   |
| Silicon    | 28-1  | 905.40  | 924.99  | 902.96  | 911.12     | 1.33    | ppb   |
| Silver     | 109-1 | 0.00    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Silver     | 107-1 | 0.00    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Sodium     | 23-2  | 9665.73 | 9694.95 | 9585.84 | 9648.84    | 0.59    | ppb   |
| Strontium  | 86-1  | 18.21   | 18.42   | 18.63   | 18.42      | 1.13    | ppb   |
| Strontium  | 88-1  | 18.22   | 18.48   | 18.37   | 18.36      | 0.71    | ppb   |
| Sulfur     | 34-1  | 434.27  | 500.01  | 353.29  | 429.19     | 17.12   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.02    | 0.02    | 0.02       | 25.47   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.02    | 0.02    | 0.02       | 35.69   | ppb   |
| Tin        | 118-1 | -0.01   | -0.01   | 0.02    | 0.00       | 522.35  | ppb   |
| Titanium   | 47-1  | 0.45    | 0.40    | 0.32    | 0.39       | 16.51   | ppb   |
| Uranium    | 238-1 | 0.01    | 0.01    | 0.01    | 0.01       | 9.67    | ppb   |
| Vanadium   | 51-2  | 0.04    | 0.06    | 0.05    | 0.05       | 15.71   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 55.06   | 54.40   | 55.40   | 54.95      | 0.92    | ppb   |
| Zirconium  | 90-1  | 0.06    | 0.06    | 0.05    | 0.05       | 3.09    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-12             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-12-FL1-BRG-W1-B | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 14:06:44  | DataFile Name :   | 034SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.04    | 0.05    | 0.04       | 25.27   | ppb   |

LB Number : LB91543 Operator : Jaswal  
 Lab Sample ID : I6356-13 Instrumnet Name : P7  
 Client Sample ID : KAJT-13-FL1-BRB-W3-F Dilution Factor : 1  
 Date & Time Acquired :: 2017-11-10 14:10:16 DataFile Name : 035SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD   | Units |
|------------|-------|---------|---------|---------|------------|-----------|-------|
| Aluminium  | 27-2  | 6.44    | 6.75    | 5.17    | 6.12       | 13.73     | ppb   |
| Antimony   | 121-1 | 0.11    | 0.11    | 0.16    | 0.13       | 20.44     | ppb   |
| Arsenic    | 75-2  | 0.44    | 0.33    | 0.31    | 0.36       | 19.78     | ppb   |
| Barium     | 135-1 | 14.11   | 13.99   | 13.72   | 13.94      | 1.46      | ppb   |
| Barium     | 137-1 | 14.11   | 14.15   | 14.27   | 14.18      | 0.57      | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.03    | 0.00    | 0.01       | 99.25     | ppb   |
| Bismuth    | 209-1 |         |         |         |            |           | %     |
| Bismuth    | 209-2 |         |         |         |            |           | %     |
| Boron      | 10-1  | 5.43    | 5.50    | 6.65    | 5.86       | 11.72     | ppb   |
| Boron      | 11-1  | 5.35    | 5.28    | 5.97    | 5.53       | 6.82      | ppb   |
| Cadmium    | 111-1 | 0.05    | -0.03   | 0.06    | 0.03       | 183.44    | ppb   |
| Cadmium    | 106-1 | 0.03    | -1.30   | -0.08   | -0.45      |           | ppb   |
| Cadmium    | 108-1 | 0.09    | 0.16    | 0.01    | 0.09       | 84.20     | ppb   |
| Calcium    | 43-1  | 5663.38 | 5592.88 | 5558.46 | 5604.91    | 0.95      | ppb   |
| Calcium    | 44-1  | 5647.02 | 5646.32 | 5656.05 | 5649.80    | 0.10      | ppb   |
| Chromium   | 52-2  | -0.11   | -0.08   | -0.10   | -0.09      |           | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       | 157246.74 | ppb   |
| Copper     | 63-2  | 131.20  | 132.89  | 131.10  | 131.73     | 0.76      | ppb   |
| Dysprosium | 156-1 |         |         |         |            |           | cps   |
| Dysprosium | 156-2 |         |         |         |            |           | cps   |
| Erbium     | 164-1 |         |         |         |            |           | cps   |
| Erbium     | 164-2 |         |         |         |            |           | cps   |
| Gadolinium | 160-1 |         |         |         |            |           | cps   |
| Gadolinium | 160-2 |         |         |         |            |           | cps   |
| Holmium    | 165-1 |         |         |         |            |           | %     |
| Holmium    | 165-2 |         |         |         |            |           | %     |
| Indium     | 115-1 |         |         |         |            |           | %     |
| Indium     | 115-2 |         |         |         |            |           | %     |
| Iron       | 56-2  | 19.59   | 19.66   | 19.37   | 19.54      | 0.76      | ppb   |
| Iron       | 57-2  | 26.16   | 26.45   | 24.54   | 25.71      | 4.01      | ppb   |
| Lead       | 206-1 | 0.64    | 0.62    | 0.64    | 0.64       | 1.70      | ppb   |
| Lead       | 207-1 | 0.61    | 0.56    | 0.57    | 0.58       | 4.12      | ppb   |
| Lead       | 208-1 | 0.62    | 0.60    | 0.62    | 0.61       | 2.01      | ppb   |
| Lithium    | 6-1   |         |         |         |            |           | %     |
| Magnesium  | 24-2  | 1206.72 | 1219.78 | 1226.03 | 1217.51    | 0.81      | ppb   |
| Manganese  | 55-2  | 10.48   | 10.68   | 10.31   | 10.49      | 1.80      | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-13             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-13-FL1-BRB-W3-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 14:10:16  | DataFile Name :   | 035SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.13    | 0.17    | 0.12    | 0.14       | 17.15   | ppb   |
| Molybdenum | 95-1  | 0.10    | 0.09    | 0.08    | 0.09       | 11.71   | ppb   |
| Molybdenum | 96-1  | 0.07    | 0.06    | 0.09    | 0.07       | 18.74   | ppb   |
| Molybdenum | 97-1  | 0.09    | 0.06    | 0.08    | 0.08       | 20.05   | ppb   |
| Molybdenum | 98-1  | 0.08    | 0.10    | 0.07    | 0.08       | 18.54   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 2.40    | 2.35    | 2.33    | 2.36       | 1.48    | ppb   |
| Phosphorus | 31-2  | 634.16  | 642.37  | 588.99  | 621.84     | 4.62    | ppb   |
| Potassium  | 39-2  | 513.06  | 514.70  | 516.09  | 514.62     | 0.30    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.18   | -0.18   | 0.30    | -0.02      |         | ppb   |
| Selenium   | 78-2  | 0.54    | 0.16    | -0.21   | 0.16       | 228.47  | ppb   |
| Selenium   | 82-1  | 0.59    | 0.45    | 0.60    | 0.55       | 15.50   | ppb   |
| Silicon    | 28-1  | 921.67  | 917.58  | 908.35  | 915.87     | 0.75    | ppb   |
| Silver     | 109-1 | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Silver     | 107-1 | 0.00    | -0.02   | -0.01   | -0.01      |         | ppb   |
| Sodium     | 23-2  | 9763.03 | 9816.21 | 9786.38 | 9788.54    | 0.27    | ppb   |
| Strontium  | 86-1  | 18.58   | 18.95   | 18.19   | 18.57      | 2.05    | ppb   |
| Strontium  | 88-1  | 18.67   | 18.45   | 18.57   | 18.57      | 0.59    | ppb   |
| Sulfur     | 34-1  | 514.03  | 521.93  | 463.93  | 499.97     | 6.29    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.01    | 0.01    | 0.01       | 11.26   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.01    | 0.01       | 14.20   | ppb   |
| Tin        | 118-1 | -0.01   | -0.01   | 0.00    | -0.01      |         | ppb   |
| Titanium   | 47-1  | 0.33    | 0.33    | 0.29    | 0.32       | 8.58    | ppb   |
| Uranium    | 238-1 | 0.00    | 0.01    | 0.01    | 0.01       | 16.45   | ppb   |
| Vanadium   | 51-2  | 0.05    | 0.05    | 0.04    | 0.05       | 11.98   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 57.23   | 56.06   | 56.06   | 56.45      | 1.20    | ppb   |
| Zirconium  | 90-1  | 0.05    | 0.04    | 0.04    | 0.04       | 11.45   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-13             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-13-FL1-BRB-W3-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 14:10:16  | DataFile Name :   | 035SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.06    | 0.02    | 0.05    | 0.04       | 38.32   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-14             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-14-FL1-BRB-W3-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 14:13:48  | DataFile Name :   | 036SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 7.10    | 7.72    | 6.63    | 7.15       | 7.68    | ppb   |
| Antimony   | 121-1 | 0.08    | 0.08    | 0.09    | 0.08       | 1.98    | ppb   |
| Arsenic    | 75-2  | 0.38    | 0.25    | 0.42    | 0.35       | 26.30   | ppb   |
| Barium     | 135-1 | 13.57   | 13.65   | 13.71   | 13.64      | 0.52    | ppb   |
| Barium     | 137-1 | 13.73   | 13.32   | 13.76   | 13.60      | 1.80    | ppb   |
| Beryllium  | 9-1   | -0.01   | 0.01    | 0.00    | 0.00       |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.95    | 5.46    | 5.43    | 5.28       | 5.37    | ppb   |
| Boron      | 11-1  | 5.35    | 5.37    | 5.20    | 5.30       | 1.73    | ppb   |
| Cadmium    | 111-1 | 0.11    | 0.14    | 0.10    | 0.12       | 17.96   | ppb   |
| Cadmium    | 106-1 | 0.29    | 0.64    | 0.09    | 0.34       | 83.11   | ppb   |
| Cadmium    | 108-1 | 0.05    | 0.14    | 0.08    | 0.09       | 50.13   | ppb   |
| Calcium    | 43-1  | 5586.88 | 5609.02 | 5568.32 | 5588.07    | 0.36    | ppb   |
| Calcium    | 44-1  | 5591.85 | 5622.78 | 5598.02 | 5604.22    | 0.29    | ppb   |
| Chromium   | 52-2  | -0.05   | -0.01   | -0.03   | -0.03      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.01    | 0.00       | 221.90  | ppb   |
| Copper     | 63-2  | 70.99   | 72.16   | 71.70   | 71.62      | 0.82    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 23.77   | 24.75   | 24.72   | 24.41      | 2.28    | ppb   |
| Iron       | 57-2  | 26.80   | 29.37   | 28.16   | 28.11      | 4.59    | ppb   |
| Lead       | 206-1 | 0.34    | 0.34    | 0.31    | 0.33       | 4.61    | ppb   |
| Lead       | 207-1 | 0.27    | 0.30    | 0.28    | 0.28       | 4.83    | ppb   |
| Lead       | 208-1 | 0.31    | 0.31    | 0.30    | 0.31       | 1.68    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1212.74 | 1238.53 | 1203.59 | 1218.29    | 1.49    | ppb   |
| Manganese  | 55-2  | 14.87   | 14.70   | 14.72   | 14.76      | 0.62    | ppb   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-14             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-14-FL1-BRB-W3-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 14:13:48  | DataFile Name :   | 036SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.15    | 0.14    | 0.12    | 0.14       | 12.84   | ppb   |
| Molybdenum | 95-1  | 0.08    | 0.06    | 0.06    | 0.07       | 13.70   | ppb   |
| Molybdenum | 96-1  | 0.07    | 0.08    | 0.07    | 0.08       | 3.45    | ppb   |
| Molybdenum | 97-1  | 0.07    | 0.08    | 0.10    | 0.08       | 20.50   | ppb   |
| Molybdenum | 98-1  | 0.07    | 0.08    | 0.08    | 0.08       | 9.72    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.24    | 0.20    | 0.30    | 0.24       | 20.83   | ppb   |
| Phosphorus | 31-2  | 640.91  | 607.15  | 627.54  | 625.20     | 2.72    | ppb   |
| Potassium  | 39-2  | 506.54  | 510.53  | 509.98  | 509.02     | 0.43    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.18   | -0.18   | -0.18   | -0.18      |         | ppb   |
| Selenium   | 78-2  | 0.19    | 0.88    | 0.20    | 0.43       | 92.92   | ppb   |
| Selenium   | 82-1  | 0.49    | 0.84    | 0.14    | 0.49       | 71.10   | ppb   |
| Silicon    | 28-1  | 905.79  | 895.94  | 902.51  | 901.41     | 0.56    | ppb   |
| Silver     | 109-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Silver     | 107-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Sodium     | 23-2  | 9658.88 | 9779.61 | 9663.52 | 9700.67    | 0.71    | ppb   |
| Strontium  | 86-1  | 18.35   | 18.82   | 18.75   | 18.64      | 1.35    | ppb   |
| Strontium  | 88-1  | 18.40   | 18.22   | 18.36   | 18.33      | 0.51    | ppb   |
| Sulfur     | 34-1  | 507.66  | 518.28  | 542.54  | 522.82     | 3.42    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00    | 0.00    | 0.00       | 29.58   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.02    | 0.01    | 0.01       | 24.58   | ppb   |
| Tin        | 118-1 | -0.02   | -0.02   | -0.01   | -0.02      |         | ppb   |
| Titanium   | 47-1  | 0.43    | 0.33    | 0.35    | 0.37       | 14.12   | ppb   |
| Uranium    | 238-1 | 0.01    | 0.01    | 0.01    | 0.01       | 23.39   | ppb   |
| Vanadium   | 51-2  | 0.07    | 0.05    | 0.07    | 0.06       | 16.20   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 50.74   | 50.39   | 51.63   | 50.92      | 1.25    | ppb   |
| Zirconium  | 90-1  | 0.05    | 0.04    | 0.05    | 0.04       | 12.74   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-14             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-14-FL1-BRB-W3-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 14:13:48  | DataFile Name :   | 036SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.04    | 0.05    | 0.03    | 0.04       | 23.24   | ppb   |

LB Number : LB91543 Operator : Jaswal  
 Lab Sample ID : I6356-15 Instrumnet Name : P7  
 Client Sample ID : KAJT-15-FL1-BRB-W3-F Dilution Factor : 1  
 Date & Time Acquired :: 2017-11-10 14:17:20 DataFile Name : 037SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 11.36   | 8.38    | 6.94    | 8.89       | 25.34   | ppb   |
| Antimony   | 121-1 | 0.08    | 0.09    | 0.07    | 0.08       | 11.74   | ppb   |
| Arsenic    | 75-2  | 0.36    | 0.31    | 0.43    | 0.37       | 16.33   | ppb   |
| Barium     | 135-1 | 13.92   | 13.41   | 13.77   | 13.70      | 1.93    | ppb   |
| Barium     | 137-1 | 13.58   | 13.73   | 13.73   | 13.68      | 0.63    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.01    | 0.00       | 52.40   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 5.20    | 4.58    | 5.29    | 5.02       | 7.67    | ppb   |
| Boron      | 11-1  | 4.72    | 5.34    | 5.05    | 5.04       | 6.23    | ppb   |
| Cadmium    | 111-1 | 0.14    | 0.13    | 0.09    | 0.12       | 21.62   | ppb   |
| Cadmium    | 106-1 | 0.59    | 0.48    | -0.17   | 0.30       | 137.04  | ppb   |
| Cadmium    | 108-1 | 0.12    | 0.12    | 0.14    | 0.13       | 10.18   | ppb   |
| Calcium    | 43-1  | 5599.14 | 5570.61 | 5650.90 | 5606.88    | 0.73    | ppb   |
| Calcium    | 44-1  | 5610.40 | 5576.68 | 5555.72 | 5580.93    | 0.49    | ppb   |
| Chromium   | 52-2  | -0.05   | -0.07   | -0.03   | -0.05      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 76.51   | 76.51   | 76.35   | 76.46      | 0.12    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 22.77   | 22.97   | 25.00   | 23.58      | 5.25    | ppb   |
| Iron       | 57-2  | 29.78   | 24.90   | 32.20   | 28.96      | 12.83   | ppb   |
| Lead       | 206-1 | 0.29    | 0.28    | 0.29    | 0.29       | 2.45    | ppb   |
| Lead       | 207-1 | 0.28    | 0.26    | 0.25    | 0.26       | 7.06    | ppb   |
| Lead       | 208-1 | 0.29    | 0.27    | 0.28    | 0.28       | 2.51    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1213.54 | 1220.37 | 1240.11 | 1224.67    | 1.13    | ppb   |
| Manganese  | 55-2  | 14.10   | 14.31   | 14.04   | 14.15      | 1.00    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-15             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-15-FL1-BRB-W3-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 14:17:20  | DataFile Name :   | 037SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.12    | 0.14    | 0.14    | 0.13       | 10.94   | ppb   |
| Molybdenum | 95-1  | 0.06    | 0.06    | 0.07    | 0.07       | 10.28   | ppb   |
| Molybdenum | 96-1  | 0.07    | 0.07    | 0.08    | 0.07       | 8.93    | ppb   |
| Molybdenum | 97-1  | 0.05    | 0.08    | 0.07    | 0.06       | 21.50   | ppb   |
| Molybdenum | 98-1  | 0.06    | 0.07    | 0.07    | 0.06       | 10.06   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.16    | 0.17    | 0.22    | 0.18       | 17.26   | ppb   |
| Phosphorus | 31-2  | 679.78  | 616.50  | 619.58  | 638.62     | 5.59    | ppb   |
| Potassium  | 39-2  | 513.14  | 512.20  | 518.08  | 514.47     | 0.61    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.18   | -0.18   | -0.18   | -0.18      |         | ppb   |
| Selenium   | 78-2  | -0.36   | 0.19    | 0.82    | 0.22       | 268.33  | ppb   |
| Selenium   | 82-1  | 0.91    | 1.07    | 0.16    | 0.72       | 67.71   | ppb   |
| Silicon    | 28-1  | 908.07  | 910.96  | 902.82  | 907.28     | 0.46    | ppb   |
| Silver     | 109-1 | 0.00    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Silver     | 107-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Sodium     | 23-2  | 9680.64 | 9742.30 | 9720.30 | 9714.42    | 0.32    | ppb   |
| Strontium  | 86-1  | 18.38   | 18.47   | 18.32   | 18.39      | 0.42    | ppb   |
| Strontium  | 88-1  | 18.44   | 18.47   | 18.25   | 18.39      | 0.65    | ppb   |
| Sulfur     | 34-1  | 569.83  | 632.15  | 601.97  | 601.31     | 5.18    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.01    | 0.02    | 0.01       | 30.69   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.02    | 0.01    | 0.01       | 30.54   | ppb   |
| Tin        | 118-1 | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Titanium   | 47-1  | 0.39    | 0.61    | 0.51    | 0.50       | 22.14   | ppb   |
| Uranium    | 238-1 | 0.01    | 0.01    | 0.01    | 0.01       | 27.52   | ppb   |
| Vanadium   | 51-2  | 0.05    | 0.05    | 0.04    | 0.05       | 12.41   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 52.11   | 51.23   | 52.65   | 52.00      | 1.37    | ppb   |
| Zirconium  | 90-1  | 0.04    | 0.03    | 0.02    | 0.03       | 30.60   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-15             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-15-FL1-BRB-W3-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 14:17:20  | DataFile Name :   | 037SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.03    | 0.02    | 0.02       | 8.50    | ppb   |

LB Number : LB91543 Operator : Jaswal  
 Lab Sample ID : I6356-16 Instrumnet Name : P7  
 Client Sample ID : KAJT-16-FL1-BRB-W3-F Dilution Factor : 1  
 Date & Time Acquired :: 2017-11-10 14:20:53 DataFile Name : 038SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 7.82    | 7.99    | 7.66    | 7.82       | 2.09    | ppb   |
| Antimony   | 121-1 | 0.06    | 0.06    | 0.09    | 0.07       | 27.87   | ppb   |
| Arsenic    | 75-2  | 0.31    | 0.34    | 0.30    | 0.32       | 5.45    | ppb   |
| Barium     | 135-1 | 14.32   | 14.15   | 13.90   | 14.13      | 1.50    | ppb   |
| Barium     | 137-1 | 14.21   | 14.00   | 14.31   | 14.17      | 1.09    | ppb   |
| Beryllium  | 9-1   | -0.01   | -0.01   | 0.00    | -0.01      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.98    | 5.17    | 5.00    | 4.72       | 13.65   | ppb   |
| Boron      | 11-1  | 5.00    | 5.16    | 5.15    | 5.10       | 1.70    | ppb   |
| Cadmium    | 111-1 | 0.15    | 0.13    | 0.05    | 0.11       | 46.05   | ppb   |
| Cadmium    | 106-1 | 0.93    | 1.05    | -0.38   | 0.53       | 149.42  | ppb   |
| Cadmium    | 108-1 | 0.10    | 0.23    | 0.08    | 0.13       | 61.34   | ppb   |
| Calcium    | 43-1  | 5633.47 | 5577.13 | 5544.28 | 5584.96    | 0.81    | ppb   |
| Calcium    | 44-1  | 5640.34 | 5628.61 | 5585.85 | 5618.27    | 0.51    | ppb   |
| Chromium   | 52-2  | -0.09   | -0.10   | -0.06   | -0.08      |         | ppb   |
| Cobalt     | 59-2  | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 69.28   | 69.24   | 69.73   | 69.42      | 0.39    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 27.54   | 26.97   | 27.39   | 27.30      | 1.09    | ppb   |
| Iron       | 57-2  | 31.59   | 27.37   | 29.30   | 29.42      | 7.18    | ppb   |
| Lead       | 206-1 | 0.49    | 0.51    | 0.49    | 0.50       | 3.13    | ppb   |
| Lead       | 207-1 | 0.45    | 0.47    | 0.43    | 0.45       | 4.56    | ppb   |
| Lead       | 208-1 | 0.46    | 0.48    | 0.46    | 0.47       | 2.17    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1221.40 | 1221.18 | 1232.77 | 1225.11    | 0.54    | ppb   |
| Manganese  | 55-2  | 17.12   | 16.94   | 16.67   | 16.91      | 1.33    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-16             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-16-FL1-BRB-W3-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 14:20:53  | DataFile Name :   | 038SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.09    | 0.07    | 0.11    | 0.09       | 18.92   | ppb   |
| Molybdenum | 95-1  | 0.05    | 0.06    | 0.07    | 0.06       | 18.81   | ppb   |
| Molybdenum | 96-1  | 0.07    | 0.07    | 0.08    | 0.07       | 8.50    | ppb   |
| Molybdenum | 97-1  | 0.06    | 0.05    | 0.04    | 0.05       | 19.98   | ppb   |
| Molybdenum | 98-1  | 0.06    | 0.07    | 0.06    | 0.07       | 7.08    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.36    | 0.30    | 0.41    | 0.35       | 16.19   | ppb   |
| Phosphorus | 31-2  | 699.70  | 684.01  | 663.18  | 682.29     | 2.69    | ppb   |
| Potassium  | 39-2  | 514.73  | 507.61  | 511.42  | 511.25     | 0.70    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.18   | -0.18   | -0.18   | -0.18      |         | ppb   |
| Selenium   | 78-2  | 0.95    | 0.79    | 0.56    | 0.77       | 25.16   | ppb   |
| Selenium   | 82-1  | 0.52    | 0.35    | 0.44    | 0.43       | 20.25   | ppb   |
| Silicon    | 28-1  | 914.81  | 914.30  | 913.40  | 914.17     | 0.08    | ppb   |
| Silver     | 109-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Silver     | 107-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Sodium     | 23-2  | 9770.85 | 9765.34 | 9698.73 | 9744.97    | 0.41    | ppb   |
| Strontium  | 86-1  | 18.81   | 18.57   | 18.42   | 18.60      | 1.06    | ppb   |
| Strontium  | 88-1  | 18.35   | 18.47   | 18.31   | 18.38      | 0.45    | ppb   |
| Sulfur     | 34-1  | 686.51  | 639.58  | 614.96  | 647.02     | 5.62    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.01    | 0.01    | 0.01       | 43.71   | ppb   |
| Thallium   | 205-1 | 0.02    | 0.01    | 0.00    | 0.01       | 69.19   | ppb   |
| Tin        | 118-1 | -0.04   | -0.02   | -0.03   | -0.03      |         | ppb   |
| Titanium   | 47-1  | 0.37    | 0.40    | 0.42    | 0.40       | 5.22    | ppb   |
| Uranium    | 238-1 | 0.01    | 0.01    | 0.01    | 0.01       | 8.05    | ppb   |
| Vanadium   | 51-2  | 0.07    | 0.06    | 0.06    | 0.06       | 11.68   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 52.18   | 51.62   | 52.85   | 52.22      | 1.19    | ppb   |
| Zirconium  | 90-1  | 0.03    | 0.03    | 0.02    | 0.03       | 18.76   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-16             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-16-FL1-BRB-W3-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 14:20:53  | DataFile Name :   | 038SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.02    | 0.04    | 0.02       | 58.18   | ppb   |



LB Number : LB91543 Operator : Jaswal  
 Lab Sample ID : I6356-17 Instrumnet Name : P7  
 Client Sample ID : KAJT-17-FL1-BRB-W3-F Dilution Factor : 1  
 Date & Time Acquired :: 2017-11-10 14:24:24 DataFile Name : 039SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 8.84    | 8.89    | 8.62    | 8.78       | 1.66    | ppb   |
| Antimony   | 121-1 | 0.08    | 0.07    | 0.08    | 0.07       | 9.68    | ppb   |
| Arsenic    | 75-2  | 0.35    | 0.33    | 0.29    | 0.33       | 8.72    | ppb   |
| Barium     | 135-1 | 13.35   | 13.72   | 13.64   | 13.57      | 1.46    | ppb   |
| Barium     | 137-1 | 13.74   | 13.64   | 13.82   | 13.73      | 0.66    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.01    | 0.00       | 872.25  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.75    | 4.71    | 3.94    | 4.47       | 10.20   | ppb   |
| Boron      | 11-1  | 5.02    | 4.72    | 4.87    | 4.87       | 3.14    | ppb   |
| Cadmium    | 111-1 | 0.14    | -0.01   | 0.11    | 0.08       | 96.55   | ppb   |
| Cadmium    | 106-1 | 0.89    | -1.13   | 0.56    | 0.11       | 992.89  | ppb   |
| Cadmium    | 108-1 | 0.24    | 0.10    | 0.03    | 0.12       | 86.51   | ppb   |
| Calcium    | 43-1  | 5545.57 | 5531.49 | 5579.60 | 5552.22    | 0.45    | ppb   |
| Calcium    | 44-1  | 5607.83 | 5547.80 | 5626.46 | 5594.03    | 0.73    | ppb   |
| Chromium   | 52-2  | -0.07   | -0.12   | -0.06   | -0.08      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       | 104.62  | ppb   |
| Copper     | 63-2  | 65.95   | 66.64   | 66.40   | 66.33      | 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 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 26.25   | 25.23   | 24.29   | 25.26      | 3.89    | ppb   |
| Iron       | 57-2  | 28.75   | 27.83   | 28.04   | 28.21      | 1.72    | ppb   |
| Lead       | 206-1 | 0.32    | 0.32    | 0.31    | 0.32       | 2.36    | ppb   |
| Lead       | 207-1 | 0.28    | 0.27    | 0.27    | 0.27       | 1.74    | ppb   |
| Lead       | 208-1 | 0.29    | 0.28    | 0.30    | 0.29       | 1.93    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1224.26 | 1212.20 | 1218.18 | 1218.21    | 0.50    | ppb   |
| Manganese  | 55-2  | 15.25   | 15.64   | 15.15   | 15.35      | 1.69    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-17             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-17-FL1-BRB-W3-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 14:24:24  | DataFile Name :   | 039SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.14    | 0.11    | 0.12    | 0.12       | 13.20   | ppb   |
| Molybdenum | 95-1  | 0.05    | 0.08    | 0.04    | 0.05       | 39.08   | ppb   |
| Molybdenum | 96-1  | 0.08    | 0.06    | 0.07    | 0.07       | 16.75   | ppb   |
| Molybdenum | 97-1  | 0.06    | 0.07    | 0.10    | 0.07       | 30.82   | ppb   |
| Molybdenum | 98-1  | 0.06    | 0.04    | 0.06    | 0.05       | 18.83   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.27    | 0.22    | 0.24    | 0.24       | 10.02   | ppb   |
| Phosphorus | 31-2  | 570.51  | 615.58  | 640.69  | 608.93     | 5.84    | ppb   |
| Potassium  | 39-2  | 504.64  | 512.77  | 519.02  | 512.14     | 1.41    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.18   | -0.18   | -0.18   | -0.18      |         | ppb   |
| Selenium   | 78-2  | -0.27   | 1.25    | 0.03    | 0.34       | 240.14  | ppb   |
| Selenium   | 82-1  | 0.54    | 0.69    | 0.28    | 0.51       | 40.83   | ppb   |
| Silicon    | 28-1  | 910.52  | 918.05  | 917.16  | 915.24     | 0.45    | ppb   |
| Silver     | 109-1 | 0.00    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Silver     | 107-1 | -0.01   | -0.01   | 0.00    | -0.01      |         | ppb   |
| Sodium     | 23-2  | 9759.15 | 9782.29 | 9745.66 | 9762.37    | 0.19    | ppb   |
| Strontium  | 86-1  | 18.77   | 18.55   | 18.13   | 18.48      | 1.74    | ppb   |
| Strontium  | 88-1  | 18.27   | 18.18   | 18.16   | 18.20      | 0.34    | ppb   |
| Sulfur     | 34-1  | 678.77  | 693.28  | 705.31  | 692.45     | 1.92    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.01    | 0.01    | 0.01       | 22.13   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.01    | 0.01       | 25.37   | ppb   |
| Tin        | 118-1 | -0.02   | -0.02   | -0.03   | -0.03      |         | ppb   |
| Titanium   | 47-1  | 0.42    | 0.49    | 0.36    | 0.43       | 15.72   | ppb   |
| Uranium    | 238-1 | 0.01    | 0.01    | 0.01    | 0.01       | 6.13    | ppb   |
| Vanadium   | 51-2  | 0.05    | 0.05    | 0.05    | 0.05       | 3.16    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 47.84   | 47.38   | 47.41   | 47.54      | 0.54    | ppb   |
| Zirconium  | 90-1  | 0.03    | 0.02    | 0.02    | 0.02       | 8.47    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-17             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-17-FL1-BRB-W3-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 14:24:24  | DataFile Name :   | 039SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.00    | 0.02    | 0.01       | 70.82   | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB91543             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV27               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV27               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-11-10 14:27:55 | DataFile Name :   | 040CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 50544.41  | 50177.33  | 50439.04  | 50386.93   | 0.38    | ppb   |
| Antimony   | 121-1 | 486.17    | 489.81    | 485.35    | 487.11     | 0.49    | ppb   |
| Arsenic    | 75-2  | 491.98    | 498.73    | 494.67    | 495.13     | 0.69    | ppb   |
| Barium     | 135-1 | 2494.94   | 2528.15   | 2505.40   | 2509.50    | 0.68    | ppb   |
| Barium     | 137-1 | 2507.56   | 2506.25   | 2513.04   | 2508.95    | 0.14    | ppb   |
| Beryllium  | 9-1   | 506.69    | 510.44    | 513.33    | 510.15     | 0.65    | ppb   |
| Bismuth    | 209-1 |           |           |           |            |         | %     |
| Bismuth    | 209-2 |           |           |           |            |         | %     |
| Boron      | 10-1  | 495.22    | 505.97    | 511.52    | 504.24     | 1.64    | ppb   |
| Boron      | 11-1  | 488.39    | 504.65    | 509.93    | 500.99     | 2.24    | ppb   |
| Cadmium    | 111-1 | 488.67    | 495.83    | 490.98    | 491.83     | 0.74    | ppb   |
| Cadmium    | 106-1 | 500.07    | 508.81    | 498.06    | 502.32     | 1.14    | ppb   |
| Cadmium    | 108-1 | 491.44    | 500.74    | 495.28    | 495.82     | 0.94    | ppb   |
| Calcium    | 43-1  | 241876.90 | 246510.01 | 245280.43 | 244555.78  | 0.98    | ppb   |
| Calcium    | 44-1  | 242375.79 | 245149.09 | 246903.61 | 244809.50  | 0.93    | ppb   |
| Chromium   | 52-2  | 484.00    | 485.15    | 491.30    | 486.82     | 0.81    | ppb   |
| Cobalt     | 59-2  | 477.08    | 478.39    | 480.49    | 478.65     | 0.36    | ppb   |
| Copper     | 63-2  | 926.87    | 936.77    | 940.51    | 934.72     | 0.75    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           |            |         | %     |
| Holmium    | 165-2 |           |           |           |            |         | %     |
| Indium     | 115-1 |           |           |           |            |         | %     |
| Indium     | 115-2 |           |           |           |            |         | %     |
| Iron       | 56-2  | 123794.96 | 123781.72 | 124521.05 | 124032.58  | 0.34    | ppb   |
| Iron       | 57-2  | 123870.60 | 124353.84 | 124214.21 | 124146.22  | 0.20    | ppb   |
| Lead       | 206-1 | 496.24    | 496.28    | 500.72    | 497.75     | 0.52    | ppb   |
| Lead       | 207-1 | 495.53    | 494.90    | 500.29    | 496.91     | 0.59    | ppb   |
| Lead       | 208-1 | 503.08    | 501.24    | 506.35    | 503.55     | 0.51    | ppb   |
| Lithium    | 6-1   |           |           |           |            |         | %     |
| Magnesium  | 24-2  | 258490.03 | 254472.02 | 256925.69 | 256629.25  | 0.79    | ppb   |
| Manganese  | 55-2  | 975.30    | 982.82    | 984.78    | 980.97     | 0.51    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB91543             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV27               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV27               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-11-10 14:27:55 | DataFile Name :   | 040CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 2516.45   | 2498.48   | 2525.41   | 2513.45    | 0.55    | ppb   |
| Molybdenum | 95-1  | 2504.95   | 2503.16   | 2514.12   | 2507.41    | 0.23    | ppb   |
| Molybdenum | 96-1  | 2505.70   | 2495.53   | 2517.79   | 2506.34    | 0.44    | ppb   |
| Molybdenum | 97-1  | 2513.68   | 2492.05   | 2527.33   | 2511.02    | 0.71    | ppb   |
| Molybdenum | 98-1  | 2504.25   | 2501.32   | 2516.86   | 2507.48    | 0.33    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 470.05    | 470.44    | 468.29    | 469.59     | 0.24    | ppb   |
| Phosphorus | 31-2  | 10038.24  | 9989.83   | 10103.16  | 10043.74   | 0.57    | ppb   |
| Potassium  | 39-2  | 126459.59 | 125402.35 | 126492.75 | 126118.23  | 0.49    | ppb   |
| Rhodium    | 103-1 |           |           |           |            |         | %     |
| Rhodium    | 103-2 |           |           |           |            |         | %     |
| Scandium   | 45-1  |           |           |           |            |         | %     |
| Scandium   | 45-2  |           |           |           |            |         | %     |
| Selenium   | 77-2  | 474.29    | 492.53    | 513.64    | 493.49     | 3.99    | ppb   |
| Selenium   | 78-2  | 490.38    | 487.83    | 500.23    | 492.81     | 1.33    | ppb   |
| Selenium   | 82-1  | 489.52    | 486.23    | 493.03    | 489.59     | 0.69    | ppb   |
| Silicon    | 28-1  | 629.78    | 648.57    | 650.67    | 643.00     | 1.79    | ppb   |
| Silver     | 109-1 | 481.89    | 487.43    | 484.82    | 484.71     | 0.57    | ppb   |
| Silver     | 107-1 | 487.02    | 488.50    | 483.18    | 486.23     | 0.56    | ppb   |
| Sodium     | 23-2  | 256723.53 | 255659.81 | 256450.71 | 256278.02  | 0.22    | ppb   |
| Strontium  | 86-1  | 508.85    | 507.86    | 516.45    | 511.05     | 0.92    | ppb   |
| Strontium  | 88-1  | 512.07    | 514.51    | 518.27    | 514.95     | 0.61    | ppb   |
| Sulfur     | 34-1  | 10228.06  | 10307.79  | 10359.29  | 10298.38   | 0.64    | ppb   |
| Terbium    | 159-1 |           |           |           |            |         | %     |
| Terbium    | 159-2 |           |           |           |            |         | %     |
| Thallium   | 203-1 | 502.02    | 500.20    | 502.89    | 501.70     | 0.27    | ppb   |
| Thallium   | 205-1 | 509.79    | 509.42    | 512.85    | 510.69     | 0.37    | ppb   |
| Tin        | 118-1 | 494.95    | 499.95    | 494.53    | 496.47     | 0.61    | ppb   |
| Titanium   | 47-1  | 2474.78   | 2495.06   | 2494.26   | 2488.03    | 0.46    | ppb   |
| Uranium    | 238-1 | 516.64    | 519.44    | 516.01    | 517.36     | 0.35    | ppb   |
| Vanadium   | 51-2  | 493.78    | 494.76    | 497.34    | 495.29     | 0.37    | ppb   |
| Yttrium    | 89-1  |           |           |           |            |         | %     |
| Yttrium    | 89-2  |           |           |           |            |         | %     |
| Zinc       | 66-2  | 927.99    | 945.89    | 943.20    | 939.02     | 1.03    | ppb   |
| Zirconium  | 90-1  | 505.56    | 505.45    | 505.54    | 505.52     | 0.01    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB91543             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV27               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV27               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-11-10 14:27:55 | DataFile Name :   | 040CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 501.41  | 497.47  | 499.73  | 499.54     | 0.40    | ppb   |

LB Number : LB91543 Operator : Jaswal  
 Lab Sample ID : CCB27 Instrumnet Name : P7  
 Client Sample ID : CCB27 Dilution Factor : 1  
 Date & Time Acquired :: 2017-11-10 14:31:31 DataFile Name : 041CCBE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 3.72    | 2.66    | 1.66    | 2.68       | 38.51   | ppb   |
| Antimony   | 121-1 | 1.59    | 1.45    | 1.34    | 1.46       | 8.35    | ppb   |
| Arsenic    | 75-2  | 0.05    | 0.12    | 0.10    | 0.09       | 42.97   | ppb   |
| Barium     | 135-1 | 0.14    | 0.14    | 0.17    | 0.15       | 10.21   | ppb   |
| Barium     | 137-1 | 0.13    | 0.11    | 0.15    | 0.13       | 16.46   | ppb   |
| Beryllium  | 9-1   | 0.12    | 0.12    | 0.09    | 0.11       | 15.76   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 15.49   | 13.19   | 11.59   | 13.42      | 14.61   | ppb   |
| Boron      | 11-1  | 14.94   | 13.09   | 12.20   | 13.41      | 10.44   | ppb   |
| Cadmium    | 111-1 | 0.06    | 0.11    | 0.01    | 0.06       | 85.88   | ppb   |
| Cadmium    | 106-1 | 0.14    | 0.94    | -0.37   | 0.24       | 278.21  | ppb   |
| Cadmium    | 108-1 | 0.18    | 0.13    | 0.06    | 0.12       | 47.75   | ppb   |
| Calcium    | 43-1  | 17.12   | 14.00   | 14.52   | 15.21      | 11.00   | ppb   |
| Calcium    | 44-1  | 20.44   | 19.46   | 18.13   | 19.34      | 6.00    | ppb   |
| Chromium   | 52-2  | 0.01    | 0.01    | 0.04    | 0.02       | 86.48   | ppb   |
| Cobalt     | 59-2  | 0.02    | 0.02    | 0.01    | 0.02       | 45.94   | ppb   |
| Copper     | 63-2  | 0.16    | 0.14    | 0.10    | 0.13       | 22.20   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 8.72    | 7.28    | 6.03    | 7.34       | 18.30   | ppb   |
| Iron       | 57-2  | 8.71    | 7.62    | 5.13    | 7.15       | 25.67   | ppb   |
| Lead       | 206-1 | 0.09    | 0.07    | 0.10    | 0.09       | 16.92   | ppb   |
| Lead       | 207-1 | 0.11    | 0.09    | 0.07    | 0.09       | 21.63   | ppb   |
| Lead       | 208-1 | 0.09    | 0.09    | 0.09    | 0.09       | 1.43    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 10.39   | 7.06    | 6.19    | 7.88       | 28.11   | ppb   |
| Manganese  | 55-2  | 0.04    | 0.03    | 0.03    | 0.03       | 21.14   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB27               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB27               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 14:31:31 | DataFile Name :   | 041CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.89    | 0.88    | 0.86    | 0.88       | 2.04    | ppb   |
| Molybdenum | 95-1  | 1.06    | 0.87    | 0.92    | 0.95       | 10.38   | ppb   |
| Molybdenum | 96-1  | 1.02    | 0.83    | 0.93    | 0.93       | 10.44   | ppb   |
| Molybdenum | 97-1  | 1.08    | 0.96    | 0.95    | 1.00       | 7.39    | ppb   |
| Molybdenum | 98-1  | 1.10    | 0.95    | 0.93    | 0.99       | 9.30    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.00    | 0.01    | -0.01   | 0.00       |         | ppb   |
| Phosphorus | 31-2  | -5.93   | 10.38   | -4.13   | 0.11       | 8276.42 | ppb   |
| Potassium  | 39-2  | 26.27   | 24.36   | 25.74   | 25.46      | 3.87    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.32    | 0.32    | 0.82    | 0.48       | 59.71   | ppb   |
| Selenium   | 78-2  | 1.27    | -0.11   | 0.23    | 0.46       | 155.36  | ppb   |
| Selenium   | 82-1  | 0.41    | 0.85    | 0.59    | 0.62       | 35.59   | ppb   |
| Silicon    | 28-1  | 3.07    | 2.68    | 1.91    | 2.55       | 23.17   | ppb   |
| Silver     | 109-1 | 0.04    | 0.01    | 0.02    | 0.02       | 51.53   | ppb   |
| Silver     | 107-1 | 0.04    | 0.03    | 0.02    | 0.03       | 42.63   | ppb   |
| Sodium     | 23-2  | 36.50   | 37.92   | 33.58   | 36.00      | 6.14    | ppb   |
| Strontium  | 86-1  | 0.04    | 0.06    | 0.01    | 0.04       | 75.88   | ppb   |
| Strontium  | 88-1  | 0.04    | 0.03    | 0.04    | 0.03       | 16.10   | ppb   |
| Sulfur     | 34-1  | -347.06 | -405.39 | -357.81 | -370.09    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.21    | 0.16    | 0.16    | 0.18       | 16.37   | ppb   |
| Thallium   | 205-1 | 0.24    | 0.21    | 0.19    | 0.21       | 10.93   | ppb   |
| Tin        | 118-1 | 0.37    | 0.40    | 0.33    | 0.37       | 9.69    | ppb   |
| Titanium   | 47-1  | 0.28    | 0.37    | 0.33    | 0.33       | 13.86   | ppb   |
| Uranium    | 238-1 | 0.03    | 0.04    | 0.03    | 0.03       | 1.86    | ppb   |
| Vanadium   | 51-2  | 0.02    | 0.02    | 0.01    | 0.02       | 25.60   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | -0.28   | 0.08    | -0.17   | -0.13      |         | ppb   |
| Zirconium  | 90-1  | 0.14    | 0.12    | 0.12    | 0.13       | 13.32   | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB27               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB27               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 14:31:31 | DataFile Name :   | 041CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.16    | 0.14    | 0.11    | 0.13       | 20.33   | ppb   |

LB Number : LB91543 Operator : Jaswal  
 Lab Sample ID : I6356-18 Instrumnet Name : P7  
 Client Sample ID : KAJT-18-FL1-BRB-W3-F Dilution Factor : 1  
 Date & Time Acquired :: 2017-11-10 14:35:03 DataFile Name : 042SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 7.61    | 7.60    | 9.45    | 8.22       | 13.00   | ppb   |
| Antimony   | 121-1 | 0.29    | 0.29    | 0.29    | 0.29       | 0.88    | ppb   |
| Arsenic    | 75-2  | 0.28    | 0.32    | 0.37    | 0.32       | 13.06   | ppb   |
| Barium     | 135-1 | 13.54   | 13.67   | 13.50   | 13.57      | 0.64    | ppb   |
| Barium     | 137-1 | 13.65   | 13.54   | 13.64   | 13.61      | 0.43    | ppb   |
| Beryllium  | 9-1   | 0.03    | 0.07    | 0.05    | 0.05       | 33.73   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 8.94    | 8.19    | 9.42    | 8.85       | 7.00    | ppb   |
| Boron      | 11-1  | 8.45    | 8.64    | 8.63    | 8.57       | 1.22    | ppb   |
| Cadmium    | 111-1 | 0.16    | 0.21    | 0.09    | 0.15       | 38.88   | ppb   |
| Cadmium    | 106-1 | 0.51    | 1.41    | -0.12   | 0.60       | 127.63  | ppb   |
| Cadmium    | 108-1 | 0.07    | 0.10    | 0.07    | 0.08       | 15.11   | ppb   |
| Calcium    | 43-1  | 5636.75 | 5570.13 | 5553.96 | 5586.95    | 0.79    | ppb   |
| Calcium    | 44-1  | 5647.07 | 5591.83 | 5596.32 | 5611.74    | 0.55    | ppb   |
| Chromium   | 52-2  | -0.04   | -0.07   | -0.09   | -0.07      |         | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.00    | 0.01    | 0.01       | 45.44   | ppb   |
| Copper     | 63-2  | 76.53   | 76.12   | 76.21   | 76.29      | 0.29    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 24.04   | 24.96   | 25.21   | 24.74      | 2.49    | ppb   |
| Iron       | 57-2  | 29.52   | 30.13   | 27.93   | 29.19      | 3.90    | ppb   |
| Lead       | 206-1 | 0.34    | 0.34    | 0.37    | 0.35       | 4.70    | ppb   |
| Lead       | 207-1 | 0.32    | 0.34    | 0.31    | 0.32       | 4.00    | ppb   |
| Lead       | 208-1 | 0.32    | 0.34    | 0.34    | 0.33       | 3.10    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1226.93 | 1235.66 | 1218.85 | 1227.15    | 0.68    | ppb   |
| Manganese  | 55-2  | 14.44   | 14.82   | 14.80   | 14.69      | 1.47    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-18             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-18-FL1-BRB-W3-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 14:35:03  | DataFile Name :   | 042SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.76    | 0.78    | 0.63    | 0.73       | 11.19   | ppb   |
| Molybdenum | 95-1  | 0.28    | 0.26    | 0.29    | 0.28       | 5.50    | ppb   |
| Molybdenum | 96-1  | 0.37    | 0.35    | 0.29    | 0.34       | 13.01   | ppb   |
| Molybdenum | 97-1  | 0.24    | 0.30    | 0.27    | 0.27       | 11.54   | ppb   |
| Molybdenum | 98-1  | 0.31    | 0.26    | 0.27    | 0.28       | 7.62    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.20    | 0.21    | 0.22    | 0.21       | 5.70    | ppb   |
| Phosphorus | 31-2  | 692.72  | 696.61  | 660.21  | 683.18     | 2.93    | ppb   |
| Potassium  | 39-2  | 523.06  | 525.68  | 518.42  | 522.38     | 0.70    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.18   | 0.29    | -0.18   | -0.02      |         | ppb   |
| Selenium   | 78-2  | 0.54    | -0.06   | 1.62    | 0.70       | 121.56  | ppb   |
| Selenium   | 82-1  | 0.50    | 0.56    | 0.96    | 0.67       | 37.45   | ppb   |
| Silicon    | 28-1  | 923.01  | 916.84  | 923.43  | 921.09     | 0.40    | ppb   |
| Silver     | 109-1 | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Silver     | 107-1 | 0.00    | -0.01   | -0.01   | 0.00       |         | ppb   |
| Sodium     | 23-2  | 9829.47 | 9857.32 | 9798.22 | 9828.34    | 0.30    | ppb   |
| Strontium  | 86-1  | 18.50   | 18.27   | 18.48   | 18.42      | 0.71    | ppb   |
| Strontium  | 88-1  | 18.49   | 18.33   | 18.27   | 18.37      | 0.63    | ppb   |
| Sulfur     | 34-1  | 441.20  | 373.35  | 405.62  | 406.72     | 8.34    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.06    | 0.05    | 0.05    | 0.05       | 9.17    | ppb   |
| Thallium   | 205-1 | 0.06    | 0.06    | 0.05    | 0.06       | 8.01    | ppb   |
| Tin        | 118-1 | 0.07    | 0.07    | 0.05    | 0.07       | 17.06   | ppb   |
| Titanium   | 47-1  | 0.43    | 0.34    | 0.36    | 0.38       | 12.12   | ppb   |
| Uranium    | 238-1 | 0.01    | 0.01    | 0.01    | 0.01       | 9.73    | ppb   |
| Vanadium   | 51-2  | 0.05    | 0.05    | 0.05    | 0.05       | 2.28    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 52.83   | 51.80   | 53.91   | 52.85      | 2.00    | ppb   |
| Zirconium  | 90-1  | 0.41    | 0.33    | 0.30    | 0.35       | 15.86   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-18             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-18-FL1-BRB-W3-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 14:35:03  | DataFile Name :   | 042SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.51    | 0.37    | 0.31    | 0.40       | 26.17   | ppb   |

LB Number : LB91543 Operator : Jaswal  
 Lab Sample ID : I6356-19 Instrumnet Name : P7  
 Client Sample ID : KAJT-19-FL3-BRB-W3-F Dilution Factor : 1  
 Date & Time Acquired :: 2017-11-10 14:38:34 DataFile Name : 043SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 9.46    | 7.65    | 5.84    | 7.65       | 23.71   | ppb   |
| Antimony   | 121-1 | 0.41    | 0.43    | 0.41    | 0.42       | 3.19    | ppb   |
| Arsenic    | 75-2  | 0.33    | 0.30    | 0.34    | 0.33       | 6.73    | ppb   |
| Barium     | 135-1 | 13.61   | 13.86   | 13.43   | 13.63      | 1.60    | ppb   |
| Barium     | 137-1 | 13.58   | 13.58   | 13.53   | 13.56      | 0.20    | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.02    | 0.02    | 0.02       | 48.18   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 6.55    | 7.98    | 6.68    | 7.07       | 11.18   | ppb   |
| Boron      | 11-1  | 7.50    | 7.17    | 7.83    | 7.50       | 4.43    | ppb   |
| Cadmium    | 111-1 | 0.17    | 0.04    | 0.01    | 0.07       | 122.47  | ppb   |
| Cadmium    | 106-1 | 1.32    | -0.09   | -0.82   | 0.14       | 803.63  | ppb   |
| Cadmium    | 108-1 | 0.22    | 0.08    | 0.16    | 0.15       | 48.20   | ppb   |
| Calcium    | 43-1  | 5615.44 | 5535.76 | 5621.13 | 5590.78    | 0.85    | ppb   |
| Calcium    | 44-1  | 5645.20 | 5625.86 | 5625.96 | 5632.34    | 0.20    | ppb   |
| Chromium   | 52-2  | -0.10   | -0.14   | -0.16   | -0.13      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.01    | 0.00       | 83.31   | ppb   |
| Copper     | 63-2  | 263.87  | 262.15  | 263.57  | 263.20     | 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 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 18.65   | 18.95   | 19.16   | 18.92      | 1.36    | ppb   |
| Iron       | 57-2  | 23.72   | 21.75   | 24.79   | 23.42      | 6.57    | ppb   |
| Lead       | 206-1 | 0.28    | 0.34    | 0.32    | 0.31       | 9.84    | ppb   |
| Lead       | 207-1 | 0.26    | 0.27    | 0.29    | 0.27       | 5.46    | ppb   |
| Lead       | 208-1 | 0.28    | 0.30    | 0.30    | 0.29       | 4.02    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1210.14 | 1221.44 | 1228.62 | 1220.07    | 0.76    | ppb   |
| Manganese  | 55-2  | 9.38    | 9.47    | 9.46    | 9.44       | 0.50    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-19             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-19-FL3-BRB-W3-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 14:38:34  | DataFile Name :   | 043SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.37    | 0.33    | 0.31    | 0.34       | 9.33    | ppb   |
| Molybdenum | 95-1  | 0.13    | 0.14    | 0.17    | 0.15       | 13.14   | ppb   |
| Molybdenum | 96-1  | 0.19    | 0.19    | 0.19    | 0.19       | 1.10    | ppb   |
| Molybdenum | 97-1  | 0.13    | 0.16    | 0.19    | 0.16       | 18.84   | ppb   |
| Molybdenum | 98-1  | 0.17    | 0.15    | 0.17    | 0.16       | 8.50    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.41    | 0.39    | 0.42    | 0.40       | 3.03    | ppb   |
| Phosphorus | 31-2  | 532.73  | 583.91  | 556.34  | 557.66     | 4.59    | ppb   |
| Potassium  | 39-2  | 523.80  | 511.97  | 515.76  | 517.18     | 1.17    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.29    | -0.18   | 0.29    | 0.14       | 199.37  | ppb   |
| Selenium   | 78-2  | 0.31    | 1.23    | 0.69    | 0.74       | 62.08   | ppb   |
| Selenium   | 82-1  | 0.60    | 0.45    | 0.70    | 0.58       | 21.09   | ppb   |
| Silicon    | 28-1  | 938.56  | 934.37  | 940.18  | 937.71     | 0.32    | ppb   |
| Silver     | 109-1 | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Silver     | 107-1 | 0.00    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Sodium     | 23-2  | 9961.83 | 9931.61 | 9911.86 | 9935.10    | 0.25    | ppb   |
| Strontium  | 86-1  | 18.95   | 18.86   | 18.55   | 18.79      | 1.10    | ppb   |
| Strontium  | 88-1  | 18.49   | 18.41   | 18.45   | 18.45      | 0.20    | ppb   |
| Sulfur     | 34-1  | 357.05  | 424.19  | 486.99  | 422.74     | 15.37   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.02    | 0.02    | 0.02    | 0.02       | 15.98   | ppb   |
| Thallium   | 205-1 | 0.03    | 0.03    | 0.03    | 0.03       | 6.99    | ppb   |
| Tin        | 118-1 | 0.15    | 0.09    | 0.15    | 0.13       | 27.57   | ppb   |
| Titanium   | 47-1  | 0.28    | 0.42    | 0.40    | 0.37       | 20.43   | ppb   |
| Uranium    | 238-1 | 0.01    | 0.01    | 0.01    | 0.01       | 29.74   | ppb   |
| Vanadium   | 51-2  | 0.04    | 0.06    | 0.05    | 0.05       | 23.24   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 139.21  | 140.11  | 139.59  | 139.63     | 0.32    | ppb   |
| Zirconium  | 90-1  | 0.15    | 0.15    | 0.13    | 0.14       | 9.02    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-19             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-19-FL3-BRB-W3-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 14:38:34  | DataFile Name :   | 043SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.14    | 0.14    | 0.18    | 0.15       | 15.19   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-20             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-20-FL3-BRB-W3-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 14:42:15  | DataFile Name :   | 044SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 6.28    | 6.73    | 6.54    | 6.52       | 3.42    | ppb   |
| Antimony   | 121-1 | 0.15    | 0.16    | 0.16    | 0.16       | 4.12    | ppb   |
| Arsenic    | 75-2  | 0.40    | 0.29    | 0.37    | 0.35       | 16.86   | ppb   |
| Barium     | 135-1 | 13.72   | 13.43   | 13.49   | 13.55      | 1.13    | ppb   |
| Barium     | 137-1 | 14.00   | 13.72   | 13.78   | 13.83      | 1.08    | ppb   |
| Beryllium  | 9-1   | 0.02    | 0.00    | 0.01    | 0.01       | 98.35   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 5.65    | 6.48    | 6.20    | 6.11       | 6.94    | ppb   |
| Boron      | 11-1  | 6.56    | 6.68    | 6.74    | 6.66       | 1.36    | ppb   |
| Cadmium    | 111-1 | 0.25    | 0.17    | 0.26    | 0.23       | 20.30   | ppb   |
| Cadmium    | 106-1 | 0.81    | -0.49   | 1.02    | 0.45       | 182.04  | ppb   |
| Cadmium    | 108-1 | 0.31    | 0.25    | 0.23    | 0.26       | 16.54   | ppb   |
| Calcium    | 43-1  | 5716.41 | 5585.27 | 5692.67 | 5664.79    | 1.23    | ppb   |
| Calcium    | 44-1  | 5720.22 | 5690.80 | 5710.12 | 5707.05    | 0.26    | ppb   |
| Chromium   | 52-2  | -0.02   | -0.04   | -0.10   | -0.06      |         | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.00    | 0.01    | 0.00       | 169.87  | ppb   |
| Copper     | 63-2  | 107.77  | 107.27  | 107.57  | 107.54     | 0.23    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 26.01   | 25.69   | 26.05   | 25.92      | 0.76    | ppb   |
| Iron       | 57-2  | 29.53   | 28.81   | 33.04   | 30.46      | 7.44    | ppb   |
| Lead       | 206-1 | 0.72    | 0.72    | 0.75    | 0.73       | 1.86    | ppb   |
| Lead       | 207-1 | 0.66    | 0.66    | 0.67    | 0.66       | 0.99    | ppb   |
| Lead       | 208-1 | 0.69    | 0.70    | 0.70    | 0.70       | 0.40    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1222.84 | 1232.14 | 1212.78 | 1222.59    | 0.79    | ppb   |
| Manganese  | 55-2  | 14.44   | 14.15   | 14.00   | 14.20      | 1.56    | ppb   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-20             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-20-FL3-BRB-W3-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 14:42:15  | DataFile Name :   | 044SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.26     | 0.25    | 0.19    | 0.23       | 15.48   | ppb   |
| Molybdenum | 95-1  | 0.08     | 0.12    | 0.11    | 0.11       | 18.24   | ppb   |
| Molybdenum | 96-1  | 0.14     | 0.13    | 0.14    | 0.13       | 1.83    | ppb   |
| Molybdenum | 97-1  | 0.12     | 0.10    | 0.12    | 0.11       | 7.09    | ppb   |
| Molybdenum | 98-1  | 0.12     | 0.13    | 0.13    | 0.13       | 5.88    | ppb   |
| Neodymium  | 150-1 |          |         |         |            |         | cps   |
| Neodymium  | 150-2 |          |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.25     | 0.32    | 0.33    | 0.30       | 15.24   | ppb   |
| Phosphorus | 31-2  | 697.34   | 679.16  | 665.21  | 680.57     | 2.37    | ppb   |
| Potassium  | 39-2  | 513.22   | 528.67  | 519.02  | 520.30     | 1.50    | ppb   |
| Rhodium    | 103-1 |          |         |         |            |         | %     |
| Rhodium    | 103-2 |          |         |         |            |         | %     |
| Scandium   | 45-1  |          |         |         |            |         | %     |
| Scandium   | 45-2  |          |         |         |            |         | %     |
| Selenium   | 77-2  | -0.18    | -0.18   | -0.18   | -0.18      |         | ppb   |
| Selenium   | 78-2  | 0.43     | 0.60    | 0.05    | 0.36       | 79.15   | ppb   |
| Selenium   | 82-1  | 0.81     | 0.12    | 0.64    | 0.52       | 68.14   | ppb   |
| Silicon    | 28-1  | 926.49   | 919.16  | 932.82  | 926.16     | 0.74    | ppb   |
| Silver     | 109-1 | 0.00     | -0.01   | -0.01   | -0.01      |         | ppb   |
| Silver     | 107-1 | -0.01    | 0.00    | 0.00    | -0.01      |         | ppb   |
| Sodium     | 23-2  | 10074.12 | 9911.90 | 9931.90 | 9972.64    | 0.89    | ppb   |
| Strontium  | 86-1  | 18.70    | 18.76   | 18.60   | 18.68      | 0.45    | ppb   |
| Strontium  | 88-1  | 18.58    | 18.79   | 18.64   | 18.67      | 0.59    | ppb   |
| Sulfur     | 34-1  | 483.00   | 544.45  | 581.36  | 536.27     | 9.26    | ppb   |
| Terbium    | 159-1 |          |         |         |            |         | %     |
| Terbium    | 159-2 |          |         |         |            |         | %     |
| Thallium   | 203-1 | 0.03     | 0.02    | 0.02    | 0.02       | 18.55   | ppb   |
| Thallium   | 205-1 | 0.02     | 0.02    | 0.02    | 0.02       | 8.97    | ppb   |
| Tin        | 118-1 | 0.11     | 0.12    | 0.11    | 0.11       | 3.19    | ppb   |
| Titanium   | 47-1  | 0.38     | 0.42    | 0.40    | 0.40       | 5.76    | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01    | 0.01    | 0.01       | 12.29   | ppb   |
| Vanadium   | 51-2  | 0.06     | 0.05    | 0.05    | 0.05       | 15.17   | ppb   |
| Yttrium    | 89-1  |          |         |         |            |         | %     |
| Yttrium    | 89-2  |          |         |         |            |         | %     |
| Zinc       | 66-2  | 139.28   | 139.63  | 140.85  | 139.92     | 0.59    | ppb   |
| Zirconium  | 90-1  | 0.09     | 0.09    | 0.10    | 0.09       | 5.40    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-20             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-20-FL3-BRB-W3-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 14:42:15  | DataFile Name :   | 044SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.10    | 0.08    | 0.09    | 0.09       | 10.95   | ppb   |

LB Number : LB91543 Operator : Jaswal  
 Lab Sample ID : I6356-21 Instrumnet Name : P7  
 Client Sample ID : KAJT-21-FL3-BRB-W3-F Dilution Factor : 1  
 Date & Time Acquired :: 2017-11-10 14:45:47 DataFile Name : 045SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 10.98   | 7.25    | 9.25    | 9.16       | 20.33   | ppb   |
| Antimony   | 121-1 | 0.10    | 0.11    | 0.12    | 0.11       | 11.05   | ppb   |
| Arsenic    | 75-2  | 0.32    | 0.36    | 0.41    | 0.36       | 12.32   | ppb   |
| Barium     | 135-1 | 13.53   | 13.57   | 13.77   | 13.62      | 0.92    | ppb   |
| Barium     | 137-1 | 13.94   | 14.29   | 13.67   | 13.97      | 2.21    | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.02    | 0.03    | 0.02       | 25.84   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.44    | 6.40    | 5.59    | 5.47       | 17.97   | ppb   |
| Boron      | 11-1  | 5.88    | 5.38    | 5.48    | 5.58       | 4.78    | ppb   |
| Cadmium    | 111-1 | 0.15    | 0.14    | 0.10    | 0.13       | 20.99   | ppb   |
| Cadmium    | 106-1 | 0.48    | 0.33    | -0.11   | 0.23       | 132.51  | ppb   |
| Cadmium    | 108-1 | 0.22    | 0.22    | 0.25    | 0.23       | 5.72    | ppb   |
| Calcium    | 43-1  | 5576.67 | 5627.43 | 5599.90 | 5601.33    | 0.45    | ppb   |
| Calcium    | 44-1  | 5630.90 | 5664.28 | 5646.81 | 5647.33    | 0.30    | ppb   |
| Chromium   | 52-2  | -0.15   | -0.11   | -0.13   | -0.13      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       | 251.38  | ppb   |
| Copper     | 63-2  | 86.60   | 86.91   | 86.42   | 86.64      | 0.28    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 28.14   | 28.53   | 29.44   | 28.70      | 2.33    | ppb   |
| Iron       | 57-2  | 30.87   | 31.46   | 33.73   | 32.02      | 4.72    | ppb   |
| Lead       | 206-1 | 0.46    | 0.46    | 0.45    | 0.46       | 1.63    | ppb   |
| Lead       | 207-1 | 0.41    | 0.37    | 0.40    | 0.39       | 5.24    | ppb   |
| Lead       | 208-1 | 0.43    | 0.43    | 0.42    | 0.42       | 1.54    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1225.33 | 1228.46 | 1215.23 | 1223.00    | 0.57    | ppb   |
| Manganese  | 55-2  | 15.39   | 15.40   | 15.43   | 15.41      | 0.13    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-21             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-21-FL3-BRB-W3-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 14:45:47  | DataFile Name :   | 045SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.21    | 0.22    | 0.15    | 0.19       | 19.04   | ppb   |
| Molybdenum | 95-1  | 0.07    | 0.10    | 0.08    | 0.09       | 15.53   | ppb   |
| Molybdenum | 96-1  | 0.10    | 0.10    | 0.09    | 0.10       | 8.76    | ppb   |
| Molybdenum | 97-1  | 0.12    | 0.06    | 0.09    | 0.09       | 32.59   | ppb   |
| Molybdenum | 98-1  | 0.08    | 0.10    | 0.11    | 0.09       | 15.34   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.19    | 0.25    | 0.18    | 0.21       | 18.25   | ppb   |
| Phosphorus | 31-2  | 665.72  | 713.63  | 574.10  | 651.15     | 10.89   | ppb   |
| Potassium  | 39-2  | 514.08  | 514.21  | 509.76  | 512.68     | 0.49    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.18   | 0.30    | -0.18   | -0.02      |         | ppb   |
| Selenium   | 78-2  | 0.48    | -0.44   | 0.41    | 0.15       | 337.88  | ppb   |
| Selenium   | 82-1  | 0.68    | -0.06   | 0.07    | 0.23       | 173.14  | ppb   |
| Silicon    | 28-1  | 934.37  | 925.09  | 918.22  | 925.90     | 0.88    | ppb   |
| Silver     | 109-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Silver     | 107-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Sodium     | 23-2  | 9808.62 | 9781.62 | 9784.32 | 9791.52    | 0.15    | ppb   |
| Strontium  | 86-1  | 18.66   | 18.62   | 18.60   | 18.63      | 0.18    | ppb   |
| Strontium  | 88-1  | 18.39   | 18.45   | 18.46   | 18.43      | 0.22    | ppb   |
| Sulfur     | 34-1  | 432.17  | 514.90  | 523.25  | 490.11     | 10.27   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.02    | 0.01    | 0.01       | 44.12   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.02    | 0.01    | 0.02       | 27.32   | ppb   |
| Tin        | 118-1 | 0.04    | 0.05    | 0.13    | 0.07       | 64.91   | ppb   |
| Titanium   | 47-1  | 0.44    | 0.53    | 0.53    | 0.50       | 10.16   | ppb   |
| Uranium    | 238-1 | 0.01    | 0.01    | 0.01    | 0.01       | 29.18   | ppb   |
| Vanadium   | 51-2  | 0.07    | 0.07    | 0.05    | 0.07       | 16.97   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 76.57   | 76.38   | 76.30   | 76.41      | 0.18    | ppb   |
| Zirconium  | 90-1  | 0.07    | 0.07    | 0.04    | 0.06       | 23.96   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-21             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-21-FL3-BRB-W3-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 14:45:47  | DataFile Name :   | 045SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.05    | 0.03    | 0.07    | 0.05       | 35.27   | ppb   |

LB Number : LB91543 Operator : Jaswal  
 Lab Sample ID : I6356-22 Instrumnet Name : P7  
 Client Sample ID : KAJT-22-FL3-BRB-W3-B Dilution Factor : 1  
 Date & Time Acquired :: 2017-11-10 14:49:19 DataFile Name : 046SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 3.78    | 4.03    | 4.51    | 4.10       | 9.02    | ppb   |
| Antimony   | 121-1 | 0.56    | 0.58    | 0.59    | 0.58       | 3.05    | ppb   |
| Arsenic    | 75-2  | 0.26    | 0.32    | 0.24    | 0.28       | 14.67   | ppb   |
| Barium     | 135-1 | 13.85   | 13.69   | 13.95   | 13.83      | 0.95    | ppb   |
| Barium     | 137-1 | 14.10   | 13.64   | 13.38   | 13.71      | 2.65    | ppb   |
| Beryllium  | 9-1   | -0.01   | 0.02    | 0.01    | 0.01       | 254.41  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.31    | 5.66    | 5.61    | 5.20       | 14.79   | ppb   |
| Boron      | 11-1  | 6.00    | 5.82    | 5.36    | 5.73       | 5.76    | ppb   |
| Cadmium    | 111-1 | 0.16    | 0.02    | 0.09    | 0.09       | 77.13   | ppb   |
| Cadmium    | 106-1 | 1.46    | -0.43   | 0.64    | 0.56       | 169.75  | ppb   |
| Cadmium    | 108-1 | 0.14    | 0.08    | 0.08    | 0.10       | 37.95   | ppb   |
| Calcium    | 43-1  | 5597.68 | 5566.68 | 5666.69 | 5610.35    | 0.91    | ppb   |
| Calcium    | 44-1  | 5679.67 | 5640.31 | 5658.21 | 5659.40    | 0.35    | ppb   |
| Chromium   | 52-2  | -0.09   | -0.07   | -0.08   | -0.08      |         | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.01    | 0.01       | 45.23   | ppb   |
| Copper     | 63-2  | 386.34  | 384.41  | 388.51  | 386.42     | 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 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 14.60   | 14.20   | 14.60   | 14.47      | 1.63    | ppb   |
| Iron       | 57-2  | 17.58   | 15.41   | 18.04   | 17.01      | 8.28    | ppb   |
| Lead       | 206-1 | 0.24    | 0.19    | 0.21    | 0.21       | 11.83   | ppb   |
| Lead       | 207-1 | 0.22    | 0.19    | 0.19    | 0.20       | 9.33    | ppb   |
| Lead       | 208-1 | 0.22    | 0.21    | 0.20    | 0.21       | 4.51    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1224.11 | 1213.35 | 1230.75 | 1222.74    | 0.72    | ppb   |
| Manganese  | 55-2  | 8.07    | 8.00    | 7.92    | 8.00       | 0.90    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-22             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-22-FL3-BRB-W3-B | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 14:49:19  | DataFile Name :   | 046SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.15    | 0.13    | 0.14    | 0.14       | 8.79    | ppb   |
| Molybdenum | 95-1  | 0.09    | 0.12    | 0.07    | 0.09       | 27.55   | ppb   |
| Molybdenum | 96-1  | 0.10    | 0.09    | 0.08    | 0.09       | 10.38   | ppb   |
| Molybdenum | 97-1  | 0.10    | 0.10    | 0.09    | 0.10       | 9.94    | ppb   |
| Molybdenum | 98-1  | 0.10    | 0.08    | 0.08    | 0.09       | 9.13    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.46    | 0.48    | 0.52    | 0.49       | 6.27    | ppb   |
| Phosphorus | 31-2  | 379.23  | 371.14  | 378.10  | 376.16     | 1.17    | ppb   |
| Potassium  | 39-2  | 525.19  | 516.98  | 520.93  | 521.03     | 0.79    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.30    | -0.18   | -0.18   | -0.02      |         | ppb   |
| Selenium   | 78-2  | 0.93    | -0.12   | 0.14    | 0.32       | 171.01  | ppb   |
| Selenium   | 82-1  | 0.74    | 0.18    | 0.37    | 0.43       | 66.61   | ppb   |
| Silicon    | 28-1  | 918.22  | 919.11  | 928.59  | 921.98     | 0.62    | ppb   |
| Silver     | 109-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Silver     | 107-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Sodium     | 23-2  | 9976.12 | 9978.19 | 9990.79 | 9981.70    | 0.08    | ppb   |
| Strontium  | 86-1  | 18.81   | 18.55   | 19.01   | 18.79      | 1.21    | ppb   |
| Strontium  | 88-1  | 18.54   | 18.52   | 18.33   | 18.46      | 0.64    | ppb   |
| Sulfur     | 34-1  | 529.17  | 559.04  | 689.62  | 592.61     | 14.40   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.03    | 0.01    | 0.01       | 72.51   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.02    | 0.01       | 38.89   | ppb   |
| Tin        | 118-1 | 0.91    | 0.83    | 0.81    | 0.85       | 6.11    | ppb   |
| Titanium   | 47-1  | 0.28    | 0.29    | 0.17    | 0.25       | 27.21   | ppb   |
| Uranium    | 238-1 | 0.01    | 0.01    | 0.00    | 0.00       | 82.02   | ppb   |
| Vanadium   | 51-2  | 0.05    | 0.03    | 0.05    | 0.04       | 29.38   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 90.28   | 89.81   | 89.75   | 89.95      | 0.32    | ppb   |
| Zirconium  | 90-1  | 0.05    | 0.05    | 0.06    | 0.05       | 8.75    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-22             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-22-FL3-BRB-W3-B | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 14:49:19  | DataFile Name :   | 046SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.06    | 0.06    | 0.05    | 0.06       | 15.30   | ppb   |



LB Number : LB91543 Operator : Jaswal  
 Lab Sample ID : I6356-23 Instrumnet Name : P7  
 Client Sample ID : KAJT-23-FL3-BRB-W3-B Dilution Factor : 1  
 Date & Time Acquired :: 2017-11-10 14:52:51 DataFile Name : 047SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 6.31    | 8.91    | 7.66    | 7.63       | 17.03   | ppb   |
| Antimony   | 121-1 | 0.11    | 0.11    | 0.09    | 0.10       | 12.10   | ppb   |
| Arsenic    | 75-2  | 0.34    | 0.33    | 0.30    | 0.32       | 6.48    | ppb   |
| Barium     | 135-1 | 13.85   | 13.90   | 13.71   | 13.82      | 0.73    | ppb   |
| Barium     | 137-1 | 13.84   | 13.71   | 13.88   | 13.81      | 0.66    | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.01    | 0.04    | 0.02       | 86.41   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 5.70    | 5.05    | 5.20    | 5.32       | 6.35    | ppb   |
| Boron      | 11-1  | 4.96    | 5.71    | 5.59    | 5.42       | 7.47    | ppb   |
| Cadmium    | 111-1 | 0.20    | 0.13    | 0.16    | 0.16       | 22.83   | ppb   |
| Cadmium    | 106-1 | 0.76    | 0.04    | 0.93    | 0.58       | 82.60   | ppb   |
| Cadmium    | 108-1 | 0.03    | 0.23    | 0.31    | 0.19       | 75.25   | ppb   |
| Calcium    | 43-1  | 5654.80 | 5583.66 | 5601.20 | 5613.22    | 0.66    | ppb   |
| Calcium    | 44-1  | 5679.79 | 5586.38 | 5681.82 | 5649.33    | 0.97    | ppb   |
| Chromium   | 52-2  | -0.08   | -0.06   | -0.05   | -0.06      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       | 324.22  | ppb   |
| Copper     | 63-2  | 114.06  | 113.04  | 113.24  | 113.45     | 0.48    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 28.65   | 28.01   | 28.81   | 28.49      | 1.49    | ppb   |
| Iron       | 57-2  | 30.27   | 32.73   | 32.94   | 31.98      | 4.66    | ppb   |
| Lead       | 206-1 | 0.49    | 0.49    | 0.47    | 0.48       | 2.36    | ppb   |
| Lead       | 207-1 | 0.41    | 0.39    | 0.43    | 0.41       | 4.58    | ppb   |
| Lead       | 208-1 | 0.44    | 0.43    | 0.44    | 0.44       | 1.08    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1225.05 | 1224.21 | 1238.13 | 1229.13    | 0.63    | ppb   |
| Manganese  | 55-2  | 15.42   | 15.37   | 15.36   | 15.38      | 0.19    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-23             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-23-FL3-BRB-W3-B | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 14:52:51  | DataFile Name :   | 047SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.14    | 0.13    | 0.14    | 0.14       | 5.11    | ppb   |
| Molybdenum | 95-1  | 0.08    | 0.07    | 0.05    | 0.07       | 21.68   | ppb   |
| Molybdenum | 96-1  | 0.09    | 0.09    | 0.07    | 0.08       | 13.29   | ppb   |
| Molybdenum | 97-1  | 0.06    | 0.08    | 0.06    | 0.07       | 14.96   | ppb   |
| Molybdenum | 98-1  | 0.08    | 0.09    | 0.06    | 0.08       | 16.23   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.25    | 0.22    | 0.26    | 0.25       | 8.63    | ppb   |
| Phosphorus | 31-2  | 648.20  | 679.69  | 689.28  | 672.39     | 3.20    | ppb   |
| Potassium  | 39-2  | 516.78  | 510.74  | 526.56  | 518.02     | 1.54    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.18   | 0.30    | -0.18   | -0.02      |         | ppb   |
| Selenium   | 78-2  | -0.73   | 0.29    | 1.07    | 0.21       | 431.55  | ppb   |
| Selenium   | 82-1  | 0.22    | 0.69    | 0.62    | 0.51       | 50.44   | ppb   |
| Silicon    | 28-1  | 919.01  | 919.17  | 923.82  | 920.66     | 0.30    | ppb   |
| Silver     | 109-1 | 0.00    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Silver     | 107-1 | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Sodium     | 23-2  | 9887.36 | 9856.85 | 9842.40 | 9862.20    | 0.23    | ppb   |
| Strontium  | 86-1  | 18.62   | 18.23   | 18.50   | 18.45      | 1.09    | ppb   |
| Strontium  | 88-1  | 18.48   | 18.51   | 18.45   | 18.48      | 0.17    | ppb   |
| Sulfur     | 34-1  | 635.52  | 643.77  | 691.71  | 657.00     | 4.62    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.01    | 0.01    | 0.01       | 22.51   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.01    | 0.01       | 22.03   | ppb   |
| Tin        | 118-1 | 0.07    | 0.06    | 0.06    | 0.07       | 7.02    | ppb   |
| Titanium   | 47-1  | 0.50    | 0.41    | 0.46    | 0.46       | 9.74    | ppb   |
| Uranium    | 238-1 | 0.01    | 0.00    | 0.00    | 0.01       | 14.70   | ppb   |
| Vanadium   | 51-2  | 0.05    | 0.07    | 0.06    | 0.06       | 11.63   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 84.83   | 85.51   | 84.69   | 85.01      | 0.51    | ppb   |
| Zirconium  | 90-1  | 0.03    | 0.03    | 0.04    | 0.04       | 12.34   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-23             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-23-FL3-BRB-W3-B | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 14:52:51  | DataFile Name :   | 047SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.05    | 0.03    | 0.02    | 0.03       | 39.85   | ppb   |

LB Number : LB91543 Operator : Jaswal  
 Lab Sample ID : I6356-24 Instrumnet Name : P7  
 Client Sample ID : KAJT-24-FL3-BRB-W3-B Dilution Factor : 1  
 Date & Time Acquired :: 2017-11-10 14:56:23 DataFile Name : 048SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 7.15    | 6.58    | 6.38    | 6.70       | 5.95    | ppb   |
| Antimony   | 121-1 | 0.09    | 0.08    | 0.07    | 0.08       | 11.59   | ppb   |
| Arsenic    | 75-2  | 0.28    | 0.33    | 0.38    | 0.33       | 15.00   | ppb   |
| Barium     | 135-1 | 13.27   | 13.69   | 13.94   | 13.63      | 2.46    | ppb   |
| Barium     | 137-1 | 13.86   | 13.68   | 14.01   | 13.85      | 1.19    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.01    | 0.01    | 0.01       | 91.85   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.93    | 5.27    | 5.27    | 5.16       | 3.82    | ppb   |
| Boron      | 11-1  | 4.97    | 5.62    | 5.56    | 5.38       | 6.69    | ppb   |
| Cadmium    | 111-1 | 0.17    | 0.10    | 0.16    | 0.14       | 26.32   | ppb   |
| Cadmium    | 106-1 | 0.86    | -0.58   | 0.28    | 0.19       | 383.69  | ppb   |
| Cadmium    | 108-1 | 0.22    | 0.10    | 0.06    | 0.13       | 70.39   | ppb   |
| Calcium    | 43-1  | 5629.90 | 5605.79 | 5639.57 | 5625.08    | 0.31    | ppb   |
| Calcium    | 44-1  | 5627.94 | 5666.54 | 5631.63 | 5642.03    | 0.38    | ppb   |
| Chromium   | 52-2  | -0.05   | -0.05   | -0.07   | -0.06      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 112.93  | 111.43  | 112.45  | 112.27     | 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 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 29.20   | 29.07   | 31.08   | 29.78      | 3.78    | ppb   |
| Iron       | 57-2  | 36.70   | 31.39   | 33.47   | 33.85      | 7.89    | ppb   |
| Lead       | 206-1 | 0.47    | 0.43    | 0.43    | 0.44       | 5.87    | ppb   |
| Lead       | 207-1 | 0.43    | 0.37    | 0.42    | 0.41       | 7.00    | ppb   |
| Lead       | 208-1 | 0.44    | 0.43    | 0.42    | 0.43       | 1.78    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1226.68 | 1234.32 | 1230.14 | 1230.38    | 0.31    | ppb   |
| Manganese  | 55-2  | 15.90   | 15.46   | 15.40   | 15.58      | 1.75    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-24             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-24-FL3-BRB-W3-B | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 14:56:23  | DataFile Name :   | 048SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.11    | 0.09    | 0.14    | 0.11       | 17.99   | ppb   |
| Molybdenum | 95-1  | 0.05    | 0.07    | 0.07    | 0.06       | 21.78   | ppb   |
| Molybdenum | 96-1  | 0.07    | 0.07    | 0.07    | 0.07       | 3.01    | ppb   |
| Molybdenum | 97-1  | 0.09    | 0.07    | 0.07    | 0.08       | 14.52   | ppb   |
| Molybdenum | 98-1  | 0.07    | 0.07    | 0.07    | 0.07       | 6.05    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.26    | 0.22    | 0.29    | 0.25       | 13.57   | ppb   |
| Phosphorus | 31-2  | 714.20  | 647.24  | 687.78  | 683.07     | 4.94    | ppb   |
| Potassium  | 39-2  | 535.50  | 523.11  | 521.08  | 526.56     | 1.48    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.18   | -0.18   | -0.18   | -0.18      |         | ppb   |
| Selenium   | 78-2  | 0.82    | 1.05    | 0.59    | 0.82       | 27.86   | ppb   |
| Selenium   | 82-1  | 0.13    | 0.46    | 0.55    | 0.38       | 58.14   | ppb   |
| Silicon    | 28-1  | 916.57  | 933.11  | 913.34  | 921.01     | 1.15    | ppb   |
| Silver     | 109-1 | -0.01   | 0.00    | 0.00    | -0.01      |         | ppb   |
| Silver     | 107-1 | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Sodium     | 23-2  | 9888.77 | 9808.41 | 9879.85 | 9859.01    | 0.45    | ppb   |
| Strontium  | 86-1  | 18.93   | 18.37   | 18.61   | 18.63      | 1.51    | ppb   |
| Strontium  | 88-1  | 18.60   | 18.28   | 18.51   | 18.47      | 0.88    | ppb   |
| Sulfur     | 34-1  | 670.43  | 723.43  | 635.51  | 676.46     | 6.54    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.01    | 0.01    | 0.01       | 29.67   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.02    | 0.01       | 20.37   | ppb   |
| Tin        | 118-1 | 0.09    | 0.07    | 0.09    | 0.08       | 16.21   | ppb   |
| Titanium   | 47-1  | 0.43    | 0.41    | 0.40    | 0.41       | 4.21    | ppb   |
| Uranium    | 238-1 | 0.01    | 0.01    | 0.01    | 0.01       | 13.00   | ppb   |
| Vanadium   | 51-2  | 0.06    | 0.05    | 0.06    | 0.06       | 12.28   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 77.81   | 77.54   | 80.03   | 78.46      | 1.74    | ppb   |
| Zirconium  | 90-1  | 0.04    | 0.04    | 0.04    | 0.04       | 10.42   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-24             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-24-FL3-BRB-W3-B | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 14:56:23  | DataFile Name :   | 048SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.03    | 0.05    | 0.04       | 40.62   | ppb   |

LB Number : LB91543 Operator : Jaswal  
 Lab Sample ID : I6356-25 Instrumnet Name : P7  
 Client Sample ID : KAJT-25-FL3-BRG-W1-B Dilution Factor : 1  
 Date & Time Acquired :: 2017-11-10 14:59:56 DataFile Name : 049SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 5.48    | 7.59    | 8.84    | 7.31       | 23.26   | ppb   |
| Antimony   | 121-1 | 0.10    | 0.09    | 0.10    | 0.09       | 5.05    | ppb   |
| Arsenic    | 75-2  | 0.28    | 0.45    | 0.30    | 0.34       | 27.99   | ppb   |
| Barium     | 135-1 | 14.25   | 14.44   | 14.20   | 14.30      | 0.87    | ppb   |
| Barium     | 137-1 | 14.45   | 14.27   | 14.45   | 14.39      | 0.74    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.02    | -0.01   | 0.00       | 282.45  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 5.02    | 4.69    | 4.65    | 4.78       | 4.27    | ppb   |
| Boron      | 11-1  | 5.18    | 5.42    | 5.55    | 5.39       | 3.51    | ppb   |
| Cadmium    | 111-1 | 0.07    | 0.00    | 0.03    | 0.03       | 94.39   | ppb   |
| Cadmium    | 106-1 | -0.16   | -1.00   | -0.83   | -0.67      |         | ppb   |
| Cadmium    | 108-1 | 0.20    | 0.12    | 0.12    | 0.15       | 33.03   | ppb   |
| Calcium    | 43-1  | 5703.94 | 5740.25 | 5705.52 | 5716.57    | 0.36    | ppb   |
| Calcium    | 44-1  | 5743.90 | 5766.64 | 5727.70 | 5746.08    | 0.34    | ppb   |
| Chromium   | 52-2  | 0.01    | -0.01   | -0.03   | -0.01      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.01    | 0.00    | 0.00       | 43.85   | ppb   |
| Copper     | 63-2  | 187.25  | 189.49  | 190.06  | 188.93     | 0.78    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 18.87   | 19.92   | 19.09   | 19.29      | 2.86    | ppb   |
| Iron       | 57-2  | 20.48   | 23.70   | 25.23   | 23.14      | 10.49   | ppb   |
| Lead       | 206-1 | 4.39    | 4.37    | 4.52    | 4.43       | 1.90    | ppb   |
| Lead       | 207-1 | 3.93    | 4.02    | 3.96    | 3.97       | 1.27    | ppb   |
| Lead       | 208-1 | 4.13    | 4.17    | 4.15    | 4.15       | 0.59    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1227.50 | 1240.93 | 1238.84 | 1235.76    | 0.58    | ppb   |
| Manganese  | 55-2  | 10.60   | 10.40   | 10.59   | 10.53      | 1.04    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-25             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-25-FL3-BRG-W1-B | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 14:59:56  | DataFile Name :   | 049SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.15    | 0.10     | 0.12     | 0.12       | 18.55   | ppb   |
| Molybdenum | 95-1  | 0.06    | 0.07     | 0.07     | 0.07       | 10.31   | ppb   |
| Molybdenum | 96-1  | 0.09    | 0.09     | 0.09     | 0.09       | 1.76    | ppb   |
| Molybdenum | 97-1  | 0.06    | 0.06     | 0.05     | 0.06       | 6.19    | ppb   |
| Molybdenum | 98-1  | 0.08    | 0.08     | 0.09     | 0.08       | 2.91    | ppb   |
| Neodymium  | 150-1 |         |          |          |            |         | cps   |
| Neodymium  | 150-2 |         |          |          |            |         | cps   |
| Nickel     | 60-2  | 3.19    | 3.18     | 3.24     | 3.21       | 1.06    | ppb   |
| Phosphorus | 31-2  | 651.84  | 621.21   | 572.87   | 615.31     | 6.47    | ppb   |
| Potassium  | 39-2  | 515.50  | 512.08   | 512.32   | 513.30     | 0.37    | ppb   |
| Rhodium    | 103-1 |         |          |          |            |         | %     |
| Rhodium    | 103-2 |         |          |          |            |         | %     |
| Scandium   | 45-1  |         |          |          |            |         | %     |
| Scandium   | 45-2  |         |          |          |            |         | %     |
| Selenium   | 77-2  | -0.18   | 0.30     | -0.18    | -0.02      |         | ppb   |
| Selenium   | 78-2  | 0.13    | 0.04     | 0.77     | 0.31       | 127.57  | ppb   |
| Selenium   | 82-1  | 0.33    | 0.79     | 0.32     | 0.48       | 56.06   | ppb   |
| Silicon    | 28-1  | 922.85  | 934.37   | 925.65   | 927.62     | 0.65    | ppb   |
| Silver     | 109-1 | -0.01   | -0.01    | -0.01    | -0.01      |         | ppb   |
| Silver     | 107-1 | -0.02   | -0.01    | -0.01    | -0.01      |         | ppb   |
| Sodium     | 23-2  | 9948.78 | 10009.98 | 10041.29 | 10000.02   | 0.47    | ppb   |
| Strontium  | 86-1  | 18.81   | 18.33    | 18.79    | 18.64      | 1.44    | ppb   |
| Strontium  | 88-1  | 18.71   | 18.73    | 18.77    | 18.74      | 0.16    | ppb   |
| Sulfur     | 34-1  | 592.66  | 703.60   | 676.74   | 657.67     | 8.80    | ppb   |
| Terbium    | 159-1 |         |          |          |            |         | %     |
| Terbium    | 159-2 |         |          |          |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.02     | 0.01     | 0.01       | 15.56   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01     | 0.01     | 0.01       | 16.70   | ppb   |
| Tin        | 118-1 | 0.18    | 0.18     | 0.17     | 0.18       | 3.28    | ppb   |
| Titanium   | 47-1  | 0.30    | 0.43     | 0.34     | 0.36       | 18.68   | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00     | 0.01     | 0.00       | 37.75   | ppb   |
| Vanadium   | 51-2  | 0.07    | 0.04     | 0.05     | 0.05       | 30.39   | ppb   |
| Yttrium    | 89-1  |         |          |          |            |         | %     |
| Yttrium    | 89-2  |         |          |          |            |         | %     |
| Zinc       | 66-2  | 74.64   | 73.79    | 75.48    | 74.64      | 1.13    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.02     | 0.03     | 0.02       | 9.52    | ppb   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-25             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-25-FL3-BRG-W1-B | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 14:59:56  | DataFile Name :   | 049SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.04    | 0.04    | 0.04    | 0.04       | 11.73   | ppb   |

LB Number : LB91543 Operator : Jaswal  
 Lab Sample ID : I6356-26 Instrumnet Name : P7  
 Client Sample ID : KAJT-26-FL3-BRG-W1-B Dilution Factor : 1  
 Date & Time Acquired :: 2017-11-10 15:03:28 DataFile Name : 050SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 9.48    | 7.45    | 6.80    | 7.91       | 17.65   | ppb   |
| Antimony   | 121-1 | 0.09    | 0.11    | 0.11    | 0.10       | 12.44   | ppb   |
| Arsenic    | 75-2  | 0.31    | 0.37    | 0.44    | 0.37       | 17.91   | ppb   |
| Barium     | 135-1 | 14.39   | 14.61   | 14.37   | 14.46      | 0.91    | ppb   |
| Barium     | 137-1 | 14.66   | 14.48   | 14.74   | 14.63      | 0.92    | ppb   |
| Beryllium  | 9-1   | 0.02    | 0.01    | 0.01    | 0.01       | 41.50   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 5.58    | 4.98    | 5.77    | 5.44       | 7.59    | ppb   |
| Boron      | 11-1  | 4.88    | 5.17    | 4.63    | 4.89       | 5.56    | ppb   |
| Cadmium    | 111-1 | 0.11    | 0.18    | 0.09    | 0.13       | 38.22   | ppb   |
| Cadmium    | 106-1 | 0.24    | 1.04    | -0.29   | 0.33       | 201.05  | ppb   |
| Cadmium    | 108-1 | 0.20    | 0.16    | 0.08    | 0.15       | 43.77   | ppb   |
| Calcium    | 43-1  | 5626.89 | 5663.65 | 5705.73 | 5665.42    | 0.70    | ppb   |
| Calcium    | 44-1  | 5645.40 | 5652.39 | 5642.71 | 5646.83    | 0.09    | ppb   |
| Chromium   | 52-2  | -0.04   | -0.06   | 0.01    | -0.03      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 115.53  | 118.24  | 118.82  | 117.53     | 1.50    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 31.56   | 32.76   | 32.28   | 32.20      | 1.87    | ppb   |
| Iron       | 57-2  | 36.97   | 40.24   | 32.36   | 36.52      | 10.84   | ppb   |
| Lead       | 206-1 | 34.44   | 33.92   | 34.25   | 34.20      | 0.78    | ppb   |
| Lead       | 207-1 | 31.79   | 30.88   | 31.16   | 31.27      | 1.49    | ppb   |
| Lead       | 208-1 | 32.96   | 32.30   | 32.52   | 32.59      | 1.03    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1183.60 | 1216.32 | 1254.26 | 1218.06    | 2.90    | ppb   |
| Manganese  | 55-2  | 15.96   | 15.83   | 16.03   | 15.94      | 0.64    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-26             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-26-FL3-BRG-W1-B | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 15:03:28  | DataFile Name :   | 050SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.16    | 0.18    | 0.11    | 0.15       | 23.67   | ppb   |
| Molybdenum | 95-1  | 0.07    | 0.05    | 0.07    | 0.06       | 16.17   | ppb   |
| Molybdenum | 96-1  | 0.11    | 0.08    | 0.08    | 0.09       | 19.81   | ppb   |
| Molybdenum | 97-1  | 0.05    | 0.07    | 0.07    | 0.07       | 16.85   | ppb   |
| Molybdenum | 98-1  | 0.07    | 0.07    | 0.05    | 0.06       | 13.85   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.63    | 0.63    | 0.67    | 0.64       | 3.59    | ppb   |
| Phosphorus | 31-2  | 644.81  | 700.84  | 684.03  | 676.56     | 4.25    | ppb   |
| Potassium  | 39-2  | 504.09  | 520.03  | 530.48  | 518.20     | 2.56    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.18   | 0.30    | -0.18   | -0.02      |         | ppb   |
| Selenium   | 78-2  | 0.28    | 0.06    | 0.00    | 0.11       | 129.49  | ppb   |
| Selenium   | 82-1  | 0.58    | 0.06    | 0.26    | 0.30       | 86.42   | ppb   |
| Silicon    | 28-1  | 903.73  | 912.07  | 906.75  | 907.52     | 0.47    | ppb   |
| Silver     | 109-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Silver     | 107-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Sodium     | 23-2  | 9693.27 | 9791.50 | 9940.91 | 9808.56    | 1.27    | ppb   |
| Strontium  | 86-1  | 18.28   | 19.00   | 18.65   | 18.64      | 1.93    | ppb   |
| Strontium  | 88-1  | 18.56   | 18.43   | 18.26   | 18.42      | 0.82    | ppb   |
| Sulfur     | 34-1  | 680.84  | 692.24  | 787.46  | 720.18     | 8.13    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.01    | 0.01    | 0.01       | 41.53   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.01    | 0.01       | 6.59    | ppb   |
| Tin        | 118-1 | 0.06    | 0.07    | 0.07    | 0.07       | 8.96    | ppb   |
| Titanium   | 47-1  | 0.95    | 0.55    | 0.46    | 0.65       | 39.86   | ppb   |
| Uranium    | 238-1 | 0.01    | 0.01    | 0.01    | 0.01       | 7.87    | ppb   |
| Vanadium   | 51-2  | 0.08    | 0.07    | 0.05    | 0.07       | 24.83   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 52.58   | 52.97   | 55.58   | 53.71      | 3.03    | ppb   |
| Zirconium  | 90-1  | 0.06    | 0.04    | 0.04    | 0.05       | 23.45   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-26             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-26-FL3-BRG-W1-B | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 15:03:28  | DataFile Name :   | 050SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.02    | 0.05    | 0.03       | 74.44   | ppb   |

LB Number : LB91543 Operator : Jaswal  
 Lab Sample ID : I6356-27 Instrumnet Name : P7  
 Client Sample ID : KAJT-27-FL3-BRG-W1-B Dilution Factor : 1  
 Date & Time Acquired :: 2017-11-10 15:06:59 DataFile Name : 051SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 7.24    | 8.04    | 6.51    | 7.26       | 10.55   | ppb   |
| Antimony   | 121-1 | 0.08    | 0.08    | 0.07    | 0.08       | 4.70    | ppb   |
| Arsenic    | 75-2  | 0.34    | 0.30    | 0.40    | 0.35       | 14.63   | ppb   |
| Barium     | 135-1 | 13.98   | 14.10   | 13.83   | 13.97      | 0.98    | ppb   |
| Barium     | 137-1 | 13.95   | 13.85   | 13.64   | 13.81      | 1.18    | ppb   |
| Beryllium  | 9-1   | 0.00    | -0.02   | 0.01    | 0.00       |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.04    | 4.67    | 5.87    | 4.86       | 19.13   | ppb   |
| Boron      | 11-1  | 4.75    | 4.90    | 5.06    | 4.91       | 3.19    | ppb   |
| Cadmium    | 111-1 | 0.15    | 0.19    | 0.13    | 0.16       | 18.31   | ppb   |
| Cadmium    | 106-1 | 0.28    | 0.84    | -0.10   | 0.34       | 138.41  | ppb   |
| Cadmium    | 108-1 | 0.20    | 0.22    | 0.16    | 0.20       | 16.25   | ppb   |
| Calcium    | 43-1  | 5604.03 | 5615.67 | 5510.14 | 5576.61    | 1.04    | ppb   |
| Calcium    | 44-1  | 5659.35 | 5637.88 | 5604.62 | 5633.95    | 0.49    | ppb   |
| Chromium   | 52-2  | -0.02   | -0.02   | 0.01    | -0.01      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       | 126.56  | ppb   |
| Copper     | 63-2  | 78.68   | 78.25   | 80.42   | 79.12      | 1.45    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 30.75   | 28.18   | 29.23   | 29.39      | 4.40    | ppb   |
| Iron       | 57-2  | 32.15   | 30.94   | 38.01   | 33.70      | 11.22   | ppb   |
| Lead       | 206-1 | 2.75    | 2.74    | 2.72    | 2.74       | 0.54    | ppb   |
| Lead       | 207-1 | 2.60    | 2.40    | 2.54    | 2.51       | 3.92    | ppb   |
| Lead       | 208-1 | 2.66    | 2.59    | 2.60    | 2.62       | 1.51    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1230.89 | 1225.71 | 1249.99 | 1235.53    | 1.04    | ppb   |
| Manganese  | 55-2  | 15.96   | 15.57   | 16.14   | 15.89      | 1.85    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-27             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-27-FL3-BRG-W1-B | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 15:06:59  | DataFile Name :   | 051SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.12    | 0.08    | 0.10    | 0.10       | 19.74   | ppb   |
| Molybdenum | 95-1  | 0.05    | 0.06    | 0.07    | 0.06       | 18.97   | ppb   |
| Molybdenum | 96-1  | 0.08    | 0.08    | 0.06    | 0.07       | 14.24   | ppb   |
| Molybdenum | 97-1  | 0.06    | 0.07    | 0.07    | 0.07       | 3.93    | ppb   |
| Molybdenum | 98-1  | 0.07    | 0.07    | 0.05    | 0.06       | 15.69   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.39    | 0.40    | 0.37    | 0.39       | 4.39    | ppb   |
| Phosphorus | 31-2  | 655.54  | 684.50  | 621.05  | 653.70     | 4.86    | ppb   |
| Potassium  | 39-2  | 519.27  | 506.29  | 535.33  | 520.30     | 2.80    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.18   | -0.18   | -0.18   | -0.18      |         | ppb   |
| Selenium   | 78-2  | 1.03    | -0.11   | -0.72   | 0.06       | 1389.34 | ppb   |
| Selenium   | 82-1  | 0.72    | 0.40    | 1.06    | 0.73       | 45.87   | ppb   |
| Silicon    | 28-1  | 912.40  | 931.51  | 908.39  | 917.44     | 1.35    | ppb   |
| Silver     | 109-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Silver     | 107-1 | -0.02   | -0.01   | 0.00    | -0.01      |         | ppb   |
| Sodium     | 23-2  | 9781.91 | 9763.35 | 9988.12 | 9844.46    | 1.27    | ppb   |
| Strontium  | 86-1  | 18.63   | 18.99   | 18.30   | 18.64      | 1.85    | ppb   |
| Strontium  | 88-1  | 18.44   | 18.55   | 18.28   | 18.42      | 0.73    | ppb   |
| Sulfur     | 34-1  | 660.08  | 623.07  | 690.74  | 657.96     | 5.15    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.00    | 0.01    | 0.01    | 0.01       | 54.87   | ppb   |
| Thallium   | 205-1 | 0.00    | 0.01    | 0.01    | 0.01       | 48.68   | ppb   |
| Tin        | 118-1 | 0.02    | 0.03    | 0.02    | 0.02       | 21.51   | ppb   |
| Titanium   | 47-1  | 0.57    | 0.37    | 0.44    | 0.46       | 22.23   | ppb   |
| Uranium    | 238-1 | 0.01    | 0.00    | 0.00    | 0.01       | 66.07   | ppb   |
| Vanadium   | 51-2  | 0.06    | 0.05    | 0.06    | 0.06       | 0.47    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 73.03   | 69.09   | 71.71   | 71.28      | 2.81    | ppb   |
| Zirconium  | 90-1  | 0.04    | 0.03    | 0.03    | 0.03       | 20.69   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-27             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-27-FL3-BRG-W1-B | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 15:06:59  | DataFile Name :   | 051SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.03    | 0.03    | 0.02       | 17.98   | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB91543             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV28               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV28               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-11-10 15:10:30 | DataFile Name :   | 052CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 50881.27  | 50333.94  | 50803.76  | 50672.99   | 0.58    | ppb   |
| Antimony   | 121-1 | 487.98    | 488.29    | 488.71    | 488.33     | 0.08    | ppb   |
| Arsenic    | 75-2  | 496.20    | 492.92    | 495.16    | 494.76     | 0.34    | ppb   |
| Barium     | 135-1 | 2529.31   | 2544.86   | 2527.29   | 2533.82    | 0.38    | ppb   |
| Barium     | 137-1 | 2530.84   | 2539.61   | 2532.77   | 2534.41    | 0.18    | ppb   |
| Beryllium  | 9-1   | 512.20    | 505.67    | 509.66    | 509.18     | 0.65    | ppb   |
| Bismuth    | 209-1 |           |           |           |            |         | %     |
| Bismuth    | 209-2 |           |           |           |            |         | %     |
| Boron      | 10-1  | 491.65    | 497.61    | 512.80    | 500.69     | 2.18    | ppb   |
| Boron      | 11-1  | 494.07    | 497.05    | 505.39    | 498.84     | 1.18    | ppb   |
| Cadmium    | 111-1 | 491.58    | 491.48    | 492.13    | 491.73     | 0.07    | ppb   |
| Cadmium    | 106-1 | 485.59    | 495.14    | 493.05    | 491.26     | 1.02    | ppb   |
| Cadmium    | 108-1 | 498.96    | 500.63    | 489.08    | 496.23     | 1.26    | ppb   |
| Calcium    | 43-1  | 244628.75 | 245502.07 | 247240.53 | 245790.45  | 0.54    | ppb   |
| Calcium    | 44-1  | 245477.60 | 246296.55 | 246362.03 | 246045.39  | 0.20    | ppb   |
| Chromium   | 52-2  | 489.62    | 491.36    | 490.07    | 490.35     | 0.18    | ppb   |
| Cobalt     | 59-2  | 477.99    | 484.36    | 479.69    | 480.68     | 0.69    | ppb   |
| Copper     | 63-2  | 930.35    | 937.28    | 935.69    | 934.44     | 0.39    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           |            |         | %     |
| Holmium    | 165-2 |           |           |           |            |         | %     |
| Indium     | 115-1 |           |           |           |            |         | %     |
| Indium     | 115-2 |           |           |           |            |         | %     |
| Iron       | 56-2  | 124468.30 | 125654.07 | 124432.73 | 124851.70  | 0.56    | ppb   |
| Iron       | 57-2  | 125051.85 | 125240.27 | 125057.40 | 125116.50  | 0.09    | ppb   |
| Lead       | 206-1 | 495.18    | 493.78    | 490.53    | 493.16     | 0.48    | ppb   |
| Lead       | 207-1 | 491.40    | 491.14    | 489.75    | 490.76     | 0.18    | ppb   |
| Lead       | 208-1 | 501.93    | 501.22    | 501.07    | 501.41     | 0.09    | ppb   |
| Lithium    | 6-1   |           |           |           |            |         | %     |
| Magnesium  | 24-2  | 258086.46 | 256709.85 | 257059.15 | 257285.15  | 0.28    | ppb   |
| Manganese  | 55-2  | 983.75    | 988.15    | 988.06    | 986.65     | 0.25    | ppb   |



|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB91543             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV28               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV28               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-11-10 15:10:30 | DataFile Name :   | 052CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 2505.93   | 2514.14   | 2492.46   | 2504.18    | 0.44    | ppb   |
| Molybdenum | 95-1  | 2493.88   | 2494.04   | 2495.81   | 2494.58    | 0.04    | ppb   |
| Molybdenum | 96-1  | 2503.06   | 2495.06   | 2487.59   | 2495.24    | 0.31    | ppb   |
| Molybdenum | 97-1  | 2525.56   | 2499.07   | 2501.71   | 2508.78    | 0.58    | ppb   |
| Molybdenum | 98-1  | 2517.02   | 2517.30   | 2502.96   | 2512.42    | 0.33    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 470.32    | 474.19    | 470.32    | 471.61     | 0.47    | ppb   |
| Phosphorus | 31-2  | 10285.19  | 10042.27  | 10143.27  | 10156.91   | 1.20    | ppb   |
| Potassium  | 39-2  | 126939.99 | 127683.24 | 127672.87 | 127432.04  | 0.33    | ppb   |
| Rhodium    | 103-1 |           |           |           |            |         | %     |
| Rhodium    | 103-2 |           |           |           |            |         | %     |
| Scandium   | 45-1  |           |           |           |            |         | %     |
| Scandium   | 45-2  |           |           |           |            |         | %     |
| Selenium   | 77-2  | 514.99    | 495.52    | 489.98    | 500.16     | 2.63    | ppb   |
| Selenium   | 78-2  | 478.85    | 494.41    | 494.73    | 489.33     | 1.86    | ppb   |
| Selenium   | 82-1  | 488.70    | 487.25    | 485.86    | 487.27     | 0.29    | ppb   |
| Silicon    | 28-1  | 629.11    | 639.92    | 652.52    | 640.52     | 1.83    | ppb   |
| Silver     | 109-1 | 485.06    | 486.11    | 481.32    | 484.16     | 0.52    | ppb   |
| Silver     | 107-1 | 479.19    | 484.47    | 484.18    | 482.61     | 0.61    | ppb   |
| Sodium     | 23-2  | 257764.62 | 256419.29 | 257515.30 | 257233.07  | 0.28    | ppb   |
| Strontium  | 86-1  | 511.65    | 509.76    | 509.41    | 510.27     | 0.24    | ppb   |
| Strontium  | 88-1  | 517.89    | 516.39    | 516.30    | 516.86     | 0.17    | ppb   |
| Sulfur     | 34-1  | 10287.33  | 10415.67  | 10267.32  | 10323.44   | 0.78    | ppb   |
| Terbium    | 159-1 |           |           |           |            |         | %     |
| Terbium    | 159-2 |           |           |           |            |         | %     |
| Thallium   | 203-1 | 494.14    | 492.07    | 492.66    | 492.95     | 0.22    | ppb   |
| Thallium   | 205-1 | 509.13    | 507.37    | 507.96    | 508.15     | 0.18    | ppb   |
| Tin        | 118-1 | 494.85    | 493.38    | 493.47    | 493.90     | 0.17    | ppb   |
| Titanium   | 47-1  | 2475.53   | 2483.43   | 2491.95   | 2483.64    | 0.33    | ppb   |
| Uranium    | 238-1 | 514.83    | 511.74    | 513.24    | 513.27     | 0.30    | ppb   |
| Vanadium   | 51-2  | 499.11    | 501.22    | 498.67    | 499.67     | 0.27    | ppb   |
| Yttrium    | 89-1  |           |           |           |            |         | %     |
| Yttrium    | 89-2  |           |           |           |            |         | %     |
| Zinc       | 66-2  | 939.32    | 950.02    | 939.76    | 943.03     | 0.64    | ppb   |
| Zirconium  | 90-1  | 505.60    | 505.04    | 504.47    | 505.04     | 0.11    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB91543             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV28               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV28               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-11-10 15:10:30 | DataFile Name :   | 052CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 497.47  | 498.53  | 497.26  | 497.76     | 0.14    | ppb   |

LB Number : LB91543 Operator : Jaswal  
 Lab Sample ID : CCB28 Instrumnet Name : P7  
 Client Sample ID : CCB28 Dilution Factor : 1  
 Date & Time Acquired :: 2017-11-10 15:14:05 DataFile Name : 053CCBE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1.39    | 0.68    | 0.76    | 0.95       | 41.32   | ppb   |
| Antimony   | 121-1 | 1.51    | 1.44    | 1.34    | 1.43       | 6.21    | ppb   |
| Arsenic    | 75-2  | 0.05    | 0.05    | 0.11    | 0.07       | 51.50   | ppb   |
| Barium     | 135-1 | 0.02    | 0.04    | 0.02    | 0.03       | 49.79   | ppb   |
| Barium     | 137-1 | 0.01    | 0.04    | 0.02    | 0.02       | 66.65   | ppb   |
| Beryllium  | 9-1   | 0.07    | 0.08    | 0.07    | 0.07       | 5.67    | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 12.98   | 13.12   | 10.84   | 12.31      | 10.36   | ppb   |
| Boron      | 11-1  | 14.04   | 11.79   | 11.38   | 12.40      | 11.54   | ppb   |
| Cadmium    | 111-1 | 0.04    | 0.06    | 0.07    | 0.06       | 30.17   | ppb   |
| Cadmium    | 106-1 | 0.08    | 0.58    | 0.69    | 0.45       | 73.02   | ppb   |
| Cadmium    | 108-1 | 0.06    | 0.01    | 0.06    | 0.05       | 58.68   | ppb   |
| Calcium    | 43-1  | 4.03    | 4.80    | 4.79    | 4.54       | 9.66    | ppb   |
| Calcium    | 44-1  | 8.46    | 9.05    | 8.70    | 8.73       | 3.38    | ppb   |
| Chromium   | 52-2  | 0.02    | 0.06    | -0.03   | 0.01       | 313.53  | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.00    | 0.00    | 0.00       | 132.07  | ppb   |
| Copper     | 63-2  | 0.09    | 0.12    | 0.09    | 0.10       | 19.91   | 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 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 5.29    | 5.06    | 4.43    | 4.92       | 9.01    | ppb   |
| Iron       | 57-2  | 6.90    | 3.98    | 4.41    | 5.10       | 30.98   | ppb   |
| Lead       | 206-1 | 0.06    | 0.08    | 0.07    | 0.07       | 11.73   | ppb   |
| Lead       | 207-1 | 0.06    | 0.06    | 0.07    | 0.06       | 8.32    | ppb   |
| Lead       | 208-1 | 0.07    | 0.07    | 0.08    | 0.07       | 4.52    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 2.31    | 2.13    | 1.03    | 1.82       | 38.14   | ppb   |
| Manganese  | 55-2  | 0.04    | 0.04    | 0.08    | 0.06       | 42.90   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB28               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB28               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 15:14:05 | DataFile Name :   | 053CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.89    | 0.72    | 0.75    | 0.79       | 11.30   | ppb   |
| Molybdenum | 95-1  | 0.95    | 0.90    | 0.85    | 0.90       | 5.58    | ppb   |
| Molybdenum | 96-1  | 0.99    | 0.88    | 0.79    | 0.89       | 11.31   | ppb   |
| Molybdenum | 97-1  | 1.02    | 0.84    | 0.93    | 0.93       | 9.39    | ppb   |
| Molybdenum | 98-1  | 0.93    | 0.87    | 0.82    | 0.87       | 6.14    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.04   | -0.02   | -0.05   | -0.04      |         | ppb   |
| Phosphorus | 31-2  | -2.28   | -2.11   | -7.75   | -4.05      |         | ppb   |
| Potassium  | 39-2  | 22.78   | 20.68   | 21.58   | 21.68      | 4.86    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.18   | 0.82    | -0.18   | 0.15       | 370.90  | ppb   |
| Selenium   | 78-2  | 0.46    | 0.80    | 0.54    | 0.60       | 29.29   | ppb   |
| Selenium   | 82-1  | 0.56    | 0.35    | 0.47    | 0.46       | 22.42   | ppb   |
| Silicon    | 28-1  | 3.98    | 3.30    | 2.81    | 3.37       | 17.46   | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Silver     | 107-1 | 0.00    | 0.01    | 0.01    | 0.01       | 45.69   | ppb   |
| Sodium     | 23-2  | 29.27   | 29.85   | 32.00   | 30.37      | 4.73    | ppb   |
| Strontium  | 86-1  | 0.00    | 0.03    | 0.03    | 0.02       | 68.05   | ppb   |
| Strontium  | 88-1  | 0.01    | 0.01    | 0.01    | 0.01       | 17.61   | ppb   |
| Sulfur     | 34-1  | -397.15 | -530.94 | -455.82 | -461.30    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.19    | 0.17    | 0.15    | 0.17       | 10.79   | ppb   |
| Thallium   | 205-1 | 0.19    | 0.17    | 0.16    | 0.17       | 9.60    | ppb   |
| Tin        | 118-1 | 0.44    | 0.35    | 0.31    | 0.37       | 17.22   | ppb   |
| Titanium   | 47-1  | 0.19    | 0.15    | 0.18    | 0.17       | 10.27   | ppb   |
| Uranium    | 238-1 | 0.01    | 0.01    | 0.01    | 0.01       | 10.64   | ppb   |
| Vanadium   | 51-2  | 0.01    | 0.01    | 0.01    | 0.01       | 28.49   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | -0.10   | -0.21   | 0.08    | -0.08      |         | ppb   |
| Zirconium  | 90-1  | 0.11    | 0.10    | 0.11    | 0.11       | 5.74    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB28               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB28               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 15:14:05 | DataFile Name :   | 053CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.11    | 0.12    | 0.08    | 0.10       | 22.63   | ppb   |

LB Number : LB91543 Operator : Jaswal  
 Lab Sample ID : I6356-28 Instrumnet Name : P7  
 Client Sample ID : KAJT-28-FL3-BRG-W1-F Dilution Factor : 1  
 Date & Time Acquired :: 2017-11-10 15:17:36 DataFile Name : 054SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 6.76    | 6.41    | 6.81    | 6.66       | 3.28    | ppb   |
| Antimony   | 121-1 | 0.31    | 0.31    | 0.32    | 0.32       | 2.24    | ppb   |
| Arsenic    | 75-2  | 0.40    | 0.33    | 0.44    | 0.39       | 13.43   | ppb   |
| Barium     | 135-1 | 13.82   | 13.69   | 14.00   | 13.84      | 1.11    | ppb   |
| Barium     | 137-1 | 14.21   | 14.13   | 14.00   | 14.11      | 0.72    | ppb   |
| Beryllium  | 9-1   | 0.03    | 0.04    | 0.03    | 0.03       | 24.25   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 7.78    | 8.47    | 8.24    | 8.16       | 4.30    | ppb   |
| Boron      | 11-1  | 8.52    | 8.52    | 8.22    | 8.42       | 2.05    | ppb   |
| Cadmium    | 111-1 | 0.15    | 0.06    | 0.15    | 0.12       | 42.92   | ppb   |
| Cadmium    | 106-1 | 0.68    | -0.41   | 0.84    | 0.37       | 183.61  | ppb   |
| Cadmium    | 108-1 | 0.24    | 0.30    | 0.31    | 0.28       | 13.99   | ppb   |
| Calcium    | 43-1  | 5583.57 | 5689.15 | 5570.89 | 5614.54    | 1.16    | ppb   |
| Calcium    | 44-1  | 5665.73 | 5636.54 | 5631.26 | 5644.51    | 0.33    | ppb   |
| Chromium   | 52-2  | -0.07   | -0.07   | -0.08   | -0.07      |         | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.00    | 0.01    | 0.01       | 64.37   | ppb   |
| Copper     | 63-2  | 195.13  | 193.95  | 191.87  | 193.65     | 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 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 19.81   | 19.97   | 19.42   | 19.73      | 1.43    | ppb   |
| Iron       | 57-2  | 24.04   | 24.18   | 19.96   | 22.73      | 10.55   | ppb   |
| Lead       | 206-1 | 35.89   | 36.16   | 35.97   | 36.01      | 0.38    | ppb   |
| Lead       | 207-1 | 32.43   | 32.46   | 32.68   | 32.52      | 0.41    | ppb   |
| Lead       | 208-1 | 33.88   | 33.89   | 33.98   | 33.92      | 0.15    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1225.07 | 1237.56 | 1220.61 | 1227.75    | 0.72    | ppb   |
| Manganese  | 55-2  | 10.22   | 10.11   | 10.02   | 10.12      | 1.01    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-28             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-28-FL3-BRG-W1-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 15:17:36  | DataFile Name :   | 054SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 1.02    | 0.80    | 0.75    | 0.85       | 16.71   | ppb   |
| Molybdenum | 95-1  | 0.27    | 0.21    | 0.24    | 0.24       | 13.12   | ppb   |
| Molybdenum | 96-1  | 0.35    | 0.28    | 0.36    | 0.33       | 12.80   | ppb   |
| Molybdenum | 97-1  | 0.25    | 0.26    | 0.29    | 0.27       | 6.93    | ppb   |
| Molybdenum | 98-1  | 0.29    | 0.26    | 0.25    | 0.27       | 6.96    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.65    | 1.76    | 1.79    | 1.73       | 4.35    | ppb   |
| Phosphorus | 31-2  | 641.57  | 572.83  | 635.58  | 616.66     | 6.17    | ppb   |
| Potassium  | 39-2  | 516.40  | 511.98  | 519.31  | 515.90     | 0.72    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.75    | 0.29    | -0.18   | 0.29       | 160.92  | ppb   |
| Selenium   | 78-2  | 0.51    | 0.76    | 1.31    | 0.86       | 47.51   | ppb   |
| Selenium   | 82-1  | 0.38    | 0.50    | 0.60    | 0.50       | 22.45   | ppb   |
| Silicon    | 28-1  | 915.07  | 911.61  | 917.40  | 914.70     | 0.32    | ppb   |
| Silver     | 109-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | -0.01   | -0.01      |         | ppb   |
| Sodium     | 23-2  | 9893.01 | 9955.75 | 9805.98 | 9884.91    | 0.76    | ppb   |
| Strontium  | 86-1  | 18.74   | 18.44   | 18.92   | 18.70      | 1.29    | ppb   |
| Strontium  | 88-1  | 18.34   | 18.50   | 18.43   | 18.42      | 0.45    | ppb   |
| Sulfur     | 34-1  | 135.71  | 298.40  | 294.71  | 242.94     | 38.23   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.04    | 0.05    | 0.05    | 0.04       | 10.01   | ppb   |
| Thallium   | 205-1 | 0.06    | 0.06    | 0.05    | 0.06       | 13.92   | ppb   |
| Tin        | 118-1 | 0.93    | 0.92    | 1.00    | 0.95       | 4.41    | ppb   |
| Titanium   | 47-1  | 0.32    | 0.29    | 0.52    | 0.38       | 32.64   | ppb   |
| Uranium    | 238-1 | 0.01    | 0.01    | 0.01    | 0.01       | 22.00   | ppb   |
| Vanadium   | 51-2  | 0.05    | 0.05    | 0.05    | 0.05       | 1.13    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 103.01  | 102.37  | 102.64  | 102.67     | 0.31    | ppb   |
| Zirconium  | 90-1  | 0.46    | 0.40    | 0.36    | 0.40       | 13.01   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-28             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-28-FL3-BRG-W1-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 15:17:36  | DataFile Name :   | 054SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.45    | 0.39    | 0.34    | 0.39       | 13.81   | ppb   |



LB Number : LB91543 Operator : Jaswal  
 Lab Sample ID : I6356-29 Instrumnet Name : P7  
 Client Sample ID : KAJT-29-FL3-BRG-W1-F Dilution Factor : 1  
 Date & Time Acquired :: 2017-11-10 15:21:08 DataFile Name : 055SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 8.87    | 7.47    | 8.30    | 8.21       | 8.57    | ppb   |
| Antimony   | 121-1 | 0.20    | 0.19    | 0.21    | 0.20       | 4.33    | ppb   |
| Arsenic    | 75-2  | 0.42    | 0.38    | 0.42    | 0.40       | 5.81    | ppb   |
| Barium     | 135-1 | 14.59   | 14.52   | 13.85   | 14.32      | 2.86    | ppb   |
| Barium     | 137-1 | 14.17   | 14.34   | 13.96   | 14.16      | 1.37    | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.02    | 0.02    | 0.02       | 21.47   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 7.64    | 7.86    | 7.29    | 7.60       | 3.79    | ppb   |
| Boron      | 11-1  | 7.19    | 6.94    | 7.34    | 7.16       | 2.83    | ppb   |
| Cadmium    | 111-1 | 0.00    | 0.08    | 0.09    | 0.06       | 94.30   | ppb   |
| Cadmium    | 106-1 | -1.35   | 0.05    | 0.13    | -0.39      |         | ppb   |
| Cadmium    | 108-1 | 0.18    | 0.08    | 0.25    | 0.17       | 51.52   | ppb   |
| Calcium    | 43-1  | 5656.73 | 5550.13 | 5587.16 | 5598.01    | 0.97    | ppb   |
| Calcium    | 44-1  | 5622.19 | 5607.76 | 5590.96 | 5606.97    | 0.28    | ppb   |
| Chromium   | 52-2  | 0.00    | -0.08   | 0.00    | -0.03      |         | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.01    | 0.01       | 34.98   | ppb   |
| Copper     | 63-2  | 116.50  | 113.99  | 113.61  | 114.70     | 1.37    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 30.68   | 30.55   | 31.58   | 30.94      | 1.81    | ppb   |
| Iron       | 57-2  | 36.24   | 34.75   | 36.77   | 35.92      | 2.91    | ppb   |
| Lead       | 206-1 | 46.12   | 45.75   | 45.28   | 45.71      | 0.92    | ppb   |
| Lead       | 207-1 | 42.07   | 41.44   | 41.80   | 41.77      | 0.76    | ppb   |
| Lead       | 208-1 | 43.79   | 43.25   | 43.41   | 43.48      | 0.64    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1245.93 | 1221.87 | 1196.00 | 1221.27    | 2.04    | ppb   |
| Manganese  | 55-2  | 15.44   | 14.74   | 14.70   | 14.96      | 2.78    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-29             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-29-FL3-BRG-W1-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 15:21:08  | DataFile Name :   | 055SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.40    | 0.44    | 0.43    | 0.42       | 4.45    | ppb   |
| Molybdenum | 95-1  | 0.15    | 0.15    | 0.15    | 0.15       | 1.26    | ppb   |
| Molybdenum | 96-1  | 0.15    | 0.18    | 0.21    | 0.18       | 18.74   | ppb   |
| Molybdenum | 97-1  | 0.17    | 0.20    | 0.15    | 0.17       | 12.38   | ppb   |
| Molybdenum | 98-1  | 0.17    | 0.15    | 0.18    | 0.16       | 8.13    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.15    | 0.21    | 0.20    | 0.19       | 17.25   | ppb   |
| Phosphorus | 31-2  | 700.76  | 716.27  | 655.33  | 690.79     | 4.58    | ppb   |
| Potassium  | 39-2  | 526.49  | 513.85  | 524.44  | 521.59     | 1.30    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.18   | -0.18   | 0.29    | -0.02      |         | ppb   |
| Selenium   | 78-2  | 1.68    | 0.71    | 0.46    | 0.95       | 67.51   | ppb   |
| Selenium   | 82-1  | 0.45    | 0.91    | 0.37    | 0.58       | 50.39   | ppb   |
| Silicon    | 28-1  | 914.27  | 908.68  | 918.82  | 913.92     | 0.56    | ppb   |
| Silver     | 109-1 | 0.00    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Silver     | 107-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Sodium     | 23-2  | 9905.41 | 9619.83 | 9663.86 | 9729.70    | 1.58    | ppb   |
| Strontium  | 86-1  | 18.33   | 18.67   | 18.47   | 18.49      | 0.91    | ppb   |
| Strontium  | 88-1  | 18.41   | 18.27   | 18.16   | 18.28      | 0.71    | ppb   |
| Sulfur     | 34-1  | 344.37  | 301.01  | 254.86  | 300.08     | 14.92   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.04    | 0.03    | 0.03    | 0.03       | 16.71   | ppb   |
| Thallium   | 205-1 | 0.03    | 0.03    | 0.03    | 0.03       | 2.36    | ppb   |
| Tin        | 118-1 | 0.21    | 0.22    | 0.23    | 0.22       | 4.55    | ppb   |
| Titanium   | 47-1  | 0.58    | 0.37    | 0.59    | 0.51       | 24.87   | ppb   |
| Uranium    | 238-1 | 0.01    | 0.01    | 0.01    | 0.01       | 22.15   | ppb   |
| Vanadium   | 51-2  | 0.06    | 0.08    | 0.06    | 0.07       | 14.37   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 38.53   | 38.02   | 37.79   | 38.11      | 0.99    | ppb   |
| Zirconium  | 90-1  | 0.17    | 0.15    | 0.17    | 0.16       | 4.65    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-29             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-29-FL3-BRG-W1-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 15:21:08  | DataFile Name :   | 055SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.22    | 0.16    | 0.10    | 0.16       | 40.95   | ppb   |

LB Number : LB91543 Operator : Jaswal  
 Lab Sample ID : I6356-30 Instrumnet Name : P7  
 Client Sample ID : KAJT-30-FL3-BRG-W1-F Dilution Factor : 1  
 Date & Time Acquired :: 2017-11-10 15:24:39 DataFile Name : 056SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 6.46    | 6.94    | 9.25    | 7.55       | 19.71   | ppb   |
| Antimony   | 121-1 | 0.14    | 0.13    | 0.13    | 0.14       | 4.90    | ppb   |
| Arsenic    | 75-2  | 0.47    | 0.43    | 0.37    | 0.42       | 11.90   | ppb   |
| Barium     | 135-1 | 13.34   | 13.29   | 14.07   | 13.57      | 3.23    | ppb   |
| Barium     | 137-1 | 13.58   | 13.75   | 13.59   | 13.64      | 0.71    | ppb   |
| Beryllium  | 9-1   | 0.02    | 0.02    | -0.01   | 0.01       | 200.89  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 5.87    | 6.05    | 6.47    | 6.13       | 5.02    | ppb   |
| Boron      | 11-1  | 6.80    | 6.31    | 6.36    | 6.49       | 4.15    | ppb   |
| Cadmium    | 111-1 | 0.15    | 0.16    | 0.25    | 0.19       | 27.03   | ppb   |
| Cadmium    | 106-1 | 0.08    | 0.52    | 1.25    | 0.62       | 95.53   | ppb   |
| Cadmium    | 108-1 | 0.29    | 0.27    | 0.20    | 0.25       | 17.62   | ppb   |
| Calcium    | 43-1  | 5588.87 | 5530.89 | 5537.67 | 5552.48    | 0.57    | ppb   |
| Calcium    | 44-1  | 5646.96 | 5607.76 | 5580.46 | 5611.73    | 0.60    | ppb   |
| Chromium   | 52-2  | -0.11   | -0.06   | -0.11   | -0.09      |         | ppb   |
| Cobalt     | 59-2  | -0.01   | 0.01    | 0.00    | 0.00       | 599.72  | ppb   |
| Copper     | 63-2  | 71.99   | 72.66   | 73.25   | 72.63      | 0.87    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 26.14   | 26.55   | 28.37   | 27.02      | 4.39    | ppb   |
| Iron       | 57-2  | 30.27   | 29.09   | 34.56   | 31.31      | 9.21    | ppb   |
| Lead       | 206-1 | 1.76    | 1.75    | 1.69    | 1.73       | 2.30    | ppb   |
| Lead       | 207-1 | 1.55    | 1.53    | 1.55    | 1.54       | 0.73    | ppb   |
| Lead       | 208-1 | 1.64    | 1.62    | 1.60    | 1.62       | 1.10    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1203.50 | 1204.39 | 1196.87 | 1201.59    | 0.34    | ppb   |
| Manganese  | 55-2  | 13.97   | 14.31   | 14.31   | 14.20      | 1.38    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-30             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-30-FL3-BRG-W1-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 15:24:39  | DataFile Name :   | 056SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.31    | 0.23    | 0.27    | 0.27       | 13.86   | ppb   |
| Molybdenum | 95-1  | 0.11    | 0.11    | 0.10    | 0.11       | 6.92    | ppb   |
| Molybdenum | 96-1  | 0.14    | 0.16    | 0.12    | 0.14       | 15.15   | ppb   |
| Molybdenum | 97-1  | 0.11    | 0.12    | 0.12    | 0.12       | 4.92    | ppb   |
| Molybdenum | 98-1  | 0.13    | 0.12    | 0.11    | 0.12       | 7.18    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.19    | 0.16    | 0.19    | 0.18       | 10.30   | ppb   |
| Phosphorus | 31-2  | 643.28  | 683.88  | 627.09  | 651.42     | 4.49    | ppb   |
| Potassium  | 39-2  | 501.60  | 514.92  | 506.98  | 507.83     | 1.32    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.18   | -0.18   | -0.18   | -0.18      |         | ppb   |
| Selenium   | 78-2  | 1.01    | 0.26    | 0.31    | 0.53       | 79.79   | ppb   |
| Selenium   | 82-1  | 0.02    | -0.06   | 0.12    | 0.03       | 333.74  | ppb   |
| Silicon    | 28-1  | 915.94  | 907.50  | 908.14  | 910.53     | 0.52    | ppb   |
| Silver     | 109-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Silver     | 107-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Sodium     | 23-2  | 9611.69 | 9638.18 | 9568.93 | 9606.26    | 0.36    | ppb   |
| Strontium  | 86-1  | 18.53   | 18.59   | 18.32   | 18.48      | 0.76    | ppb   |
| Strontium  | 88-1  | 18.61   | 18.35   | 18.18   | 18.38      | 1.19    | ppb   |
| Sulfur     | 34-1  | 371.15  | 370.69  | 379.63  | 373.82     | 1.35    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.02    | 0.02    | 0.02       | 18.70   | ppb   |
| Thallium   | 205-1 | 0.02    | 0.02    | 0.02    | 0.02       | 3.42    | ppb   |
| Tin        | 118-1 | 0.14    | 0.13    | 0.14    | 0.14       | 3.20    | ppb   |
| Titanium   | 47-1  | 0.52    | 0.42    | 0.46    | 0.46       | 10.42   | ppb   |
| Uranium    | 238-1 | 0.01    | 0.01    | 0.01    | 0.01       | 41.77   | ppb   |
| Vanadium   | 51-2  | 0.06    | 0.06    | 0.05    | 0.06       | 9.15    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 62.76   | 62.64   | 62.93   | 62.78      | 0.24    | ppb   |
| Zirconium  | 90-1  | 0.10    | 0.11    | 0.10    | 0.10       | 4.39    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-30             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-30-FL3-BRG-W1-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 15:24:39  | DataFile Name :   | 056SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.12    | 0.10    | 0.11    | 0.11       | 6.25    | ppb   |

LB Number : LB91543 Operator : Jaswal  
 Lab Sample ID : PB104168BL Instrumnet Name : P7  
 Client Sample ID : PB104168BL Dilution Factor : 1  
 Date & Time Acquired :: 2017-11-10 15:31:11 DataFile Name : 057CCBE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.71    | 0.24    | 0.25    | 0.40       | 66.92   | ppb   |
| Antimony   | 121-1 | 0.10    | 0.09    | 0.09    | 0.09       | 9.96    | ppb   |
| Arsenic    | 75-2  | 0.02    | 0.01    | 0.00    | 0.01       | 81.25   | ppb   |
| Barium     | 135-1 | 0.05    | 0.03    | 0.03    | 0.03       | 48.09   | ppb   |
| Barium     | 137-1 | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.01    | 0.03    | 0.01       | 116.85  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 1.30    | 1.54    | 1.45    | 1.43       | 8.54    | ppb   |
| Boron      | 11-1  | 1.74    | 1.45    | 1.47    | 1.55       | 10.45   | ppb   |
| Cadmium    | 111-1 | 0.01    | -0.05   | -0.08   | -0.04      |         | ppb   |
| Cadmium    | 106-1 | 0.07    | -0.70   | -0.96   | -0.53      |         | ppb   |
| Cadmium    | 108-1 | -0.03   | 0.04    | 0.11    | 0.04       | 183.15  | ppb   |
| Calcium    | 43-1  | -0.49   | 0.52    | -2.13   | -0.70      |         | ppb   |
| Calcium    | 44-1  | 3.55    | 2.18    | 3.65    | 3.13       | 26.21   | ppb   |
| Chromium   | 52-2  | 0.01    | -0.06   | -0.02   | -0.02      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | -0.03   | -0.02   | 0.00    | -0.02      |         | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 0.85    | 1.06    | 1.01    | 0.97       | 11.29   | ppb   |
| Iron       | 57-2  | 1.48    | 0.66    | 0.13    | 0.76       | 89.29   | ppb   |
| Lead       | 206-1 | 0.04    | 0.04    | 0.02    | 0.03       | 31.26   | ppb   |
| Lead       | 207-1 | 0.03    | 0.02    | 0.02    | 0.02       | 26.87   | ppb   |
| Lead       | 208-1 | 0.03    | 0.03    | 0.02    | 0.03       | 18.56   | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -0.75   | -0.03   | 0.39    | -0.13      |         | ppb   |
| Manganese  | 55-2  | 0.01    | -0.01   | 0.00    | 0.00       | 1267.38 | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB104168BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB104168BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 15:31:11 | DataFile Name :   | 057CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD  | Units |
|------------|-------|---------|---------|---------|------------|----------|-------|
| Molybdenum | 94-1  | 0.08    | 0.04    | 0.09    | 0.07       | 38.11    | ppb   |
| Molybdenum | 95-1  | 0.06    | 0.10    | 0.07    | 0.08       | 23.81    | ppb   |
| Molybdenum | 96-1  | 0.07    | 0.08    | 0.06    | 0.07       | 13.97    | ppb   |
| Molybdenum | 97-1  | 0.04    | 0.07    | 0.08    | 0.06       | 29.01    | ppb   |
| Molybdenum | 98-1  | 0.07    | 0.08    | 0.06    | 0.07       | 19.79    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |          | cps   |
| Neodymium  | 150-2 |         |         |         |            |          | cps   |
| Nickel     | 60-2  | -0.01   | -0.04   | -0.01   | -0.02      |          | ppb   |
| Phosphorus | 31-2  | -10.99  | -3.64   | 0.15    | -4.83      |          | ppb   |
| Potassium  | 39-2  | 14.37   | 15.98   | 18.96   | 16.44      | 14.15    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |          | %     |
| Rhodium    | 103-2 |         |         |         |            |          | %     |
| Scandium   | 45-1  |         |         |         |            |          | %     |
| Scandium   | 45-2  |         |         |         |            |          | %     |
| Selenium   | 77-2  | -0.18   | -0.18   | -0.18   | -0.18      |          | ppb   |
| Selenium   | 78-2  | -0.29   | 0.85    | 0.70    | 0.42       | 146.99   | ppb   |
| Selenium   | 82-1  | 0.61    | 0.35    | 0.30    | 0.42       | 38.56    | ppb   |
| Silicon    | 28-1  | 1.24    | 0.86    | 0.96    | 1.02       | 19.26    | ppb   |
| Silver     | 109-1 | -0.01   | -0.01   | -0.01   | -0.01      |          | ppb   |
| Silver     | 107-1 | -0.02   | -0.01   | -0.01   | -0.02      |          | ppb   |
| Sodium     | 23-2  | 17.98   | 16.92   | 16.76   | 17.22      | 3.85     | ppb   |
| Strontium  | 86-1  | -0.04   | 0.00    | 0.00    | -0.01      |          | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.01    | 0.00       | 32.37    | ppb   |
| Sulfur     | 34-1  | -72.30  | -173.39 | -183.10 | -142.93    |          | ppb   |
| Terbium    | 159-1 |         |         |         |            |          | %     |
| Terbium    | 159-2 |         |         |         |            |          | %     |
| Thallium   | 203-1 | 0.01    | 0.01    | 0.02    | 0.01       | 40.12    | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.01    | 0.01       | 12.43    | ppb   |
| Tin        | 118-1 | 0.02    | 0.04    | 0.03    | 0.03       | 36.87    | ppb   |
| Titanium   | 47-1  | 0.05    | 0.01    | 0.03    | 0.03       | 60.69    | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       |          | ppb   |
| Vanadium   | 51-2  | 0.01    | 0.00    | 0.01    | 0.01       | 73.71    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |          | %     |
| Yttrium    | 89-2  |         |         |         |            |          | %     |
| Zinc       | 66-2  | 0.06    | -0.35   | 0.06    | -0.07      |          | ppb   |
| Zirconium  | 90-1  | 0.01    | 0.00    | -0.01   | 0.00       | 45636.94 | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB104168BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB104168BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 15:31:11 | DataFile Name :   | 057CCBE.d |

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

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB104168BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB104168BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 15:34:43 | DataFile Name :   | 058LCS6.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 9894.36  | 9961.85  | 9802.65  | 9886.29    | 0.81    | ppb   |
| Antimony   | 121-1 | 487.17   | 494.66   | 493.14   | 491.66     | 0.81    | ppb   |
| Arsenic    | 75-2  | 493.60   | 501.89   | 497.71   | 497.73     | 0.83    | ppb   |
| Barium     | 135-1 | 2495.23  | 2533.68  | 2514.85  | 2514.58    | 0.76    | ppb   |
| Barium     | 137-1 | 2512.90  | 2518.21  | 2517.73  | 2516.28    | 0.12    | ppb   |
| Beryllium  | 9-1   | 495.70   | 494.07   | 493.67   | 494.48     | 0.22    | ppb   |
| Bismuth    | 209-1 |          |          |          |            |         | %     |
| Bismuth    | 209-2 |          |          |          |            |         | %     |
| Boron      | 10-1  | 470.24   | 473.16   | 492.84   | 478.75     | 2.57    | ppb   |
| Boron      | 11-1  | 474.86   | 480.49   | 485.86   | 480.40     | 1.14    | ppb   |
| Cadmium    | 111-1 | 502.84   | 503.78   | 508.18   | 504.93     | 0.56    | ppb   |
| Cadmium    | 106-1 | 501.92   | 506.22   | 508.49   | 505.55     | 0.66    | ppb   |
| Cadmium    | 108-1 | 496.91   | 505.80   | 503.34   | 502.02     | 0.91    | ppb   |
| Calcium    | 43-1  | 48154.23 | 47948.72 | 48210.80 | 48104.58   | 0.29    | ppb   |
| Calcium    | 44-1  | 48712.59 | 48734.87 | 48527.50 | 48658.32   | 0.23    | ppb   |
| Chromium   | 52-2  | 476.02   | 484.03   | 480.94   | 480.33     | 0.84    | ppb   |
| Cobalt     | 59-2  | 481.26   | 488.74   | 487.23   | 485.74     | 0.82    | ppb   |
| Copper     | 63-2  | 967.68   | 978.21   | 972.75   | 972.88     | 0.54    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          |            |         | %     |
| Holmium    | 165-2 |          |          |          |            |         | %     |
| Indium     | 115-1 |          |          |          |            |         | %     |
| Indium     | 115-2 |          |          |          |            |         | %     |
| Iron       | 56-2  | 25499.43 | 25902.38 | 25647.29 | 25683.03   | 0.79    | ppb   |
| Iron       | 57-2  | 25189.55 | 25558.37 | 25282.73 | 25343.55   | 0.76    | ppb   |
| Lead       | 206-1 | 487.08   | 480.81   | 481.85   | 483.25     | 0.69    | ppb   |
| Lead       | 207-1 | 483.00   | 480.27   | 479.33   | 480.87     | 0.40    | ppb   |
| Lead       | 208-1 | 490.05   | 486.42   | 489.42   | 488.63     | 0.40    | ppb   |
| Lithium    | 6-1   |          |          |          |            |         | %     |
| Magnesium  | 24-2  | 51214.21 | 51794.03 | 51148.77 | 51385.67   | 0.69    | ppb   |
| Manganese  | 55-2  | 972.67   | 986.40   | 976.68   | 978.58     | 0.72    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB104168BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB104168BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 15:34:43 | DataFile Name :   | 058LCS6.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 2458.58  | 2463.97  | 2473.75  | 2465.43    | 0.31    | ppb   |
| Molybdenum | 95-1  | 2462.55  | 2469.88  | 2469.08  | 2467.17    | 0.16    | ppb   |
| Molybdenum | 96-1  | 2453.28  | 2459.95  | 2473.89  | 2462.37    | 0.43    | ppb   |
| Molybdenum | 97-1  | 2471.89  | 2474.82  | 2479.26  | 2475.32    | 0.15    | ppb   |
| Molybdenum | 98-1  | 2455.10  | 2465.17  | 2487.09  | 2469.12    | 0.66    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 476.77   | 483.57   | 484.53   | 481.62     | 0.88    | ppb   |
| Phosphorus | 31-2  | 9926.17  | 10012.89 | 10025.95 | 9988.34    | 0.54    | ppb   |
| Potassium  | 39-2  | 25133.78 | 25360.03 | 25225.56 | 25239.79   | 0.45    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 494.95   | 513.11   | 501.64   | 503.23     | 1.82    | ppb   |
| Selenium   | 78-2  | 515.66   | 501.75   | 514.04   | 510.48     | 1.49    | ppb   |
| Selenium   | 82-1  | 495.56   | 496.65   | 498.37   | 496.86     | 0.29    | ppb   |
| Silicon    | 28-1  | 646.82   | 662.99   | 657.18   | 655.66     | 1.25    | ppb   |
| Silver     | 109-1 | 494.55   | 513.88   | 503.26   | 503.89     | 1.92    | ppb   |
| Silver     | 107-1 | 511.11   | 514.53   | 519.25   | 514.96     | 0.79    | ppb   |
| Sodium     | 23-2  | 51072.77 | 51518.16 | 51025.95 | 51205.63   | 0.53    | ppb   |
| Strontium  | 86-1  | 490.97   | 489.07   | 491.43   | 490.49     | 0.25    | ppb   |
| Strontium  | 88-1  | 494.69   | 494.25   | 497.78   | 495.57     | 0.39    | ppb   |
| Sulfur     | 34-1  | 10005.17 | 9937.75  | 9793.08  | 9912.00    | 1.09    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 480.52   | 481.29   | 480.25   | 480.68     | 0.11    | ppb   |
| Thallium   | 205-1 | 496.86   | 489.76   | 493.28   | 493.30     | 0.72    | ppb   |
| Tin        | 118-1 | 494.40   | 495.47   | 496.13   | 495.33     | 0.18    | ppb   |
| Titanium   | 47-1  | 2458.33  | 2468.41  | 2432.79  | 2453.18    | 0.75    | ppb   |
| Uranium    | 238-1 | 480.62   | 477.93   | 480.46   | 479.67     | 0.31    | ppb   |
| Vanadium   | 51-2  | 484.58   | 490.88   | 488.30   | 487.92     | 0.65    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 974.71   | 994.33   | 984.74   | 984.59     | 1.00    | ppb   |
| Zirconium  | 90-1  | 492.58   | 492.19   | 495.36   | 493.38     | 0.35    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB104168BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB104168BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 15:34:43 | DataFile Name :   | 058LCS6.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 488.18  | 489.38  | 488.69  | 488.75     | 0.12    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-01            | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0443            | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 15:39:28 | DataFile Name :   | 059SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 559.96    | 533.11    | 535.92    | 543.00     | 2.72    | ppb   |
| Antimony   | 121-1 | 3.95      | 3.31      | 2.98      | 3.41       | 14.51   | ppb   |
| Arsenic    | 75-2  | 53.48     | 54.00     | 53.41     | 53.63      | 0.60    | ppb   |
| Barium     | 135-1 | 137.41    | 137.58    | 135.52    | 136.83     | 0.84    | ppb   |
| Barium     | 137-1 | 138.99    | 137.54    | 136.17    | 137.57     | 1.02    | ppb   |
| Beryllium  | 9-1   | 0.11      | 0.12      | 0.12      | 0.12       | 5.36    | ppb   |
| Bismuth    | 209-1 |           |           |           |            |         | %     |
| Bismuth    | 209-2 |           |           |           |            |         | %     |
| Boron      | 10-1  | 66.81     | 68.12     | 65.05     | 66.66      | 2.31    | ppb   |
| Boron      | 11-1  | 73.95     | 70.78     | 68.42     | 71.05      | 3.91    | ppb   |
| Cadmium    | 111-1 | 0.91      | 0.87      | 0.79      | 0.86       | 7.01    | ppb   |
| Cadmium    | 106-1 | -0.35     | 0.06      | -0.68     | -0.32      |         | ppb   |
| Cadmium    | 108-1 | 0.95      | 0.96      | 0.81      | 0.91       | 9.47    | ppb   |
| Calcium    | 43-1  | 215766.91 | 215897.31 | 214849.34 | 215504.52  | 0.27    | ppb   |
| Calcium    | 44-1  | 215245.67 | 215183.22 | 215491.04 | 215306.64  | 0.08    | ppb   |
| Chromium   | 52-2  | 5.34      | 5.16      | 4.79      | 5.10       | 5.50    | ppb   |
| Cobalt     | 59-2  | 0.57      | 0.56      | 0.57      | 0.57       | 1.15    | ppb   |
| Copper     | 63-2  | 11.01     | 10.94     | 11.18     | 11.04      | 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 |           |           |           |            |         | %     |
| Holmium    | 165-2 |           |           |           |            |         | %     |
| Indium     | 115-1 |           |           |           |            |         | %     |
| Indium     | 115-2 |           |           |           |            |         | %     |
| Iron       | 56-2  | 8082.82   | 8082.98   | 8135.69   | 8100.50    | 0.38    | ppb   |
| Iron       | 57-2  | 8002.80   | 8107.95   | 8034.85   | 8048.53    | 0.67    | ppb   |
| Lead       | 206-1 | 1.58      | 1.60      | 1.46      | 1.55       | 4.80    | ppb   |
| Lead       | 207-1 | 1.41      | 1.45      | 1.52      | 1.46       | 3.67    | ppb   |
| Lead       | 208-1 | 1.49      | 1.51      | 1.49      | 1.49       | 0.70    | ppb   |
| Lithium    | 6-1   |           |           |           |            |         | %     |
| Magnesium  | 24-2  | 65254.04  | 64953.89  | 65616.47  | 65274.80   | 0.51    | ppb   |
| Manganese  | 55-2  | 2234.88   | 2234.51   | 2245.28   | 2238.22    | 0.27    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-01            | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0443            | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 15:39:28 | DataFile Name :   | 059SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 1.94      | 1.69      | 1.62      | 1.75       | 9.53    | ppb   |
| Molybdenum | 95-1  | 1.40      | 1.45      | 1.43      | 1.43       | 1.88    | ppb   |
| Molybdenum | 96-1  | 1.48      | 1.55      | 1.41      | 1.48       | 4.45    | ppb   |
| Molybdenum | 97-1  | 1.50      | 1.51      | 1.47      | 1.50       | 1.24    | ppb   |
| Molybdenum | 98-1  | 1.45      | 1.33      | 1.40      | 1.39       | 4.44    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 3.51      | 3.52      | 3.30      | 3.44       | 3.57    | ppb   |
| Phosphorus | 31-2  | 71.72     | 105.67    | 100.00    | 92.46      | 19.67   | ppb   |
| Potassium  | 39-2  | 9333.04   | 9404.72   | 9334.85   | 9357.54    | 0.44    | ppb   |
| Rhodium    | 103-1 |           |           |           |            |         | %     |
| Rhodium    | 103-2 |           |           |           |            |         | %     |
| Scandium   | 45-1  |           |           |           |            |         | %     |
| Scandium   | 45-2  |           |           |           |            |         | %     |
| Selenium   | 77-2  | 2.11      | 0.39      | -0.18     | 0.78       | 153.45  | ppb   |
| Selenium   | 78-2  | 1.38      | 0.63      | 0.73      | 0.91       | 44.90   | ppb   |
| Selenium   | 82-1  | 0.84      | -0.14     | 0.18      | 0.29       | 169.46  | ppb   |
| Silicon    | 28-1  | 8648.55   | 8612.42   | 8495.23   | 8585.40    | 0.93    | ppb   |
| Silver     | 109-1 | 0.93      | 0.87      | 0.81      | 0.87       | 7.20    | ppb   |
| Silver     | 107-1 | 0.86      | 0.91      | 0.85      | 0.87       | 3.16    | ppb   |
| Sodium     | 23-2  | 547473.09 | 546191.73 | 545248.25 | 546304.36  | 0.20    | ppb   |
| Strontium  | 86-1  | 1559.54   | 1544.60   | 1533.67   | 1545.94    | 0.84    | ppb   |
| Strontium  | 88-1  | 1563.65   | 1563.20   | 1559.55   | 1562.13    | 0.14    | ppb   |
| Sulfur     | 34-1  | 12688.01  | 12669.90  | 12475.91  | 12611.27   | 0.93    | ppb   |
| Terbium    | 159-1 |           |           |           |            |         | %     |
| Terbium    | 159-2 |           |           |           |            |         | %     |
| Thallium   | 203-1 | 0.55      | 0.43      | 0.32      | 0.43       | 25.95   | ppb   |
| Thallium   | 205-1 | 0.55      | 0.41      | 0.32      | 0.43       | 26.31   | ppb   |
| Tin        | 118-1 | 2.07      | 2.07      | 1.89      | 2.01       | 5.26    | ppb   |
| Titanium   | 47-1  | 33.89     | 34.89     | 32.94     | 33.91      | 2.88    | ppb   |
| Uranium    | 238-1 | 5.55      | 5.60      | 5.63      | 5.59       | 0.72    | ppb   |
| Vanadium   | 51-2  | 1.77      | 1.79      | 1.79      | 1.78       | 0.67    | ppb   |
| Yttrium    | 89-1  |           |           |           |            |         | %     |
| Yttrium    | 89-2  |           |           |           |            |         | %     |
| Zinc       | 66-2  | 40.23     | 41.65     | 42.31     | 41.40      | 2.57    | ppb   |
| Zirconium  | 90-1  | 0.55      | 0.50      | 0.51      | 0.52       | 5.68    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-01            | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0443            | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 15:39:28 | DataFile Name :   | 059SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.53    | 0.49    | 0.52    | 0.51       | 3.98    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-01DUP         | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0443DUP         | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 15:43:03 | DataFile Name :   | 060SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 544.29    | 557.32    | 536.83    | 546.15     | 1.90    | ppb   |
| Antimony   | 121-1 | 1.35      | 1.41      | 1.38      | 1.38       | 2.08    | ppb   |
| Arsenic    | 75-2  | 54.82     | 54.93     | 54.89     | 54.88      | 0.10    | ppb   |
| Barium     | 135-1 | 138.25    | 136.69    | 136.86    | 137.27     | 0.62    | ppb   |
| Barium     | 137-1 | 138.27    | 137.43    | 137.83    | 137.84     | 0.31    | ppb   |
| Beryllium  | 9-1   | 0.07      | 0.03      | 0.04      | 0.05       | 41.76   | ppb   |
| Bismuth    | 209-1 |           |           |           |            |         | %     |
| Bismuth    | 209-2 |           |           |           |            |         | %     |
| Boron      | 10-1  | 61.48     | 63.01     | 58.08     | 60.86      | 4.15    | ppb   |
| Boron      | 11-1  | 61.77     | 61.57     | 63.46     | 62.27      | 1.67    | ppb   |
| Cadmium    | 111-1 | 0.46      | 0.44      | 0.47      | 0.46       | 2.99    | ppb   |
| Cadmium    | 106-1 | -1.11     | -1.09     | -0.70     | -0.97      |         | ppb   |
| Cadmium    | 108-1 | 0.53      | 0.54      | 0.82      | 0.63       | 26.63   | ppb   |
| Calcium    | 43-1  | 220211.43 | 220412.81 | 220257.46 | 220293.90  | 0.05    | ppb   |
| Calcium    | 44-1  | 220406.90 | 221123.18 | 221061.41 | 220863.83  | 0.18    | ppb   |
| Chromium   | 52-2  | 4.83      | 4.84      | 4.53      | 4.73       | 3.67    | ppb   |
| Cobalt     | 59-2  | 0.61      | 0.60      | 0.55      | 0.58       | 4.84    | ppb   |
| Copper     | 63-2  | 11.59     | 12.05     | 12.22     | 11.95      | 2.71    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           |            |         | %     |
| Holmium    | 165-2 |           |           |           |            |         | %     |
| Indium     | 115-1 |           |           |           |            |         | %     |
| Indium     | 115-2 |           |           |           |            |         | %     |
| Iron       | 56-2  | 8276.61   | 8349.07   | 8283.96   | 8303.21    | 0.48    | ppb   |
| Iron       | 57-2  | 8230.35   | 8394.70   | 8312.97   | 8312.67    | 0.99    | ppb   |
| Lead       | 206-1 | 1.57      | 1.52      | 1.54      | 1.54       | 1.57    | ppb   |
| Lead       | 207-1 | 1.41      | 1.37      | 1.37      | 1.39       | 1.71    | ppb   |
| Lead       | 208-1 | 1.49      | 1.45      | 1.44      | 1.46       | 1.68    | ppb   |
| Lithium    | 6-1   |           |           |           |            |         | %     |
| Magnesium  | 24-2  | 66338.94  | 66805.75  | 66218.12  | 66454.27   | 0.47    | ppb   |
| Manganese  | 55-2  | 2280.40   | 2304.09   | 2274.51   | 2286.33    | 0.68    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-01DUP         | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0443DUP         | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 15:43:03 | DataFile Name :   | 060SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 1.32      | 1.34      | 1.41      | 1.35       | 3.48    | ppb   |
| Molybdenum | 95-1  | 0.97      | 1.03      | 1.06      | 1.02       | 4.42    | ppb   |
| Molybdenum | 96-1  | 1.15      | 1.01      | 1.03      | 1.06       | 7.19    | ppb   |
| Molybdenum | 97-1  | 1.19      | 1.06      | 1.00      | 1.08       | 8.61    | ppb   |
| Molybdenum | 98-1  | 0.97      | 0.97      | 1.00      | 0.98       | 1.90    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 3.38      | 3.65      | 3.67      | 3.57       | 4.45    | ppb   |
| Phosphorus | 31-2  | 82.56     | 67.24     | 74.62     | 74.81      | 10.24   | ppb   |
| Potassium  | 39-2  | 9313.47   | 9343.48   | 9335.90   | 9330.95    | 0.17    | ppb   |
| Rhodium    | 103-1 |           |           |           |            |         | %     |
| Rhodium    | 103-2 |           |           |           |            |         | %     |
| Scandium   | 45-1  |           |           |           |            |         | %     |
| Scandium   | 45-2  |           |           |           |            |         | %     |
| Selenium   | 77-2  | 1.67      | 2.87      | 1.06      | 1.87       | 49.29   | ppb   |
| Selenium   | 78-2  | 0.67      | 0.53      | 1.28      | 0.83       | 48.40   | ppb   |
| Selenium   | 82-1  | -0.97     | -0.11     | -0.64     | -0.57      |         | ppb   |
| Silicon    | 28-1  | 8486.57   | 8454.36   | 8452.04   | 8464.33    | 0.23    | ppb   |
| Silver     | 109-1 | 0.56      | 0.55      | 0.59      | 0.57       | 3.14    | ppb   |
| Silver     | 107-1 | 0.54      | 0.53      | 0.55      | 0.54       | 1.90    | ppb   |
| Sodium     | 23-2  | 552614.57 | 556701.44 | 555839.08 | 555051.70  | 0.39    | ppb   |
| Strontium  | 86-1  | 1583.93   | 1557.46   | 1565.35   | 1568.92    | 0.87    | ppb   |
| Strontium  | 88-1  | 1594.80   | 1578.69   | 1587.90   | 1587.13    | 0.51    | ppb   |
| Sulfur     | 34-1  | 12454.06  | 12251.51  | 12238.91  | 12314.83   | 0.98    | ppb   |
| Terbium    | 159-1 |           |           |           |            |         | %     |
| Terbium    | 159-2 |           |           |           |            |         | %     |
| Thallium   | 203-1 | 0.06      | 0.07      | 0.06      | 0.07       | 8.29    | ppb   |
| Thallium   | 205-1 | 0.07      | 0.07      | 0.05      | 0.06       | 16.17   | ppb   |
| Tin        | 118-1 | 1.51      | 1.45      | 1.50      | 1.49       | 2.21    | ppb   |
| Titanium   | 47-1  | 33.07     | 33.34     | 33.67     | 33.36      | 0.90    | ppb   |
| Uranium    | 238-1 | 5.99      | 5.98      | 6.03      | 6.00       | 0.47    | ppb   |
| Vanadium   | 51-2  | 1.86      | 1.93      | 1.80      | 1.86       | 3.48    | ppb   |
| Yttrium    | 89-1  |           |           |           |            |         | %     |
| Yttrium    | 89-2  |           |           |           |            |         | %     |
| Zinc       | 66-2  | 41.94     | 43.58     | 42.09     | 42.54      | 2.14    | ppb   |
| Zirconium  | 90-1  | 0.46      | 0.44      | 0.43      | 0.45       | 3.66    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-01DUP         | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0443DUP         | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 15:43:03 | DataFile Name :   | 060SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.43    | 0.46    | 0.37    | 0.42       | 10.13   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-01LX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0443L           | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2017-11-10 15:46:37 | DataFile Name :   | 061SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 103.06   | 106.25   | 98.77    | 102.69     | 3.66    | ppb   |
| Antimony   | 121-1 | 0.42     | 0.40     | 0.53     | 0.45       | 15.03   | ppb   |
| Arsenic    | 75-2  | 10.03    | 10.29    | 10.58    | 10.30      | 2.69    | ppb   |
| Barium     | 135-1 | 26.50    | 25.96    | 33.24    | 28.57      | 14.20   | ppb   |
| Barium     | 137-1 | 26.15    | 25.89    | 33.52    | 28.52      | 15.19   | ppb   |
| Beryllium  | 9-1   | 0.03     | 0.04     | 0.03     | 0.03       | 16.78   | ppb   |
| Bismuth    | 209-1 |          |          |          |            |         | %     |
| Bismuth    | 209-2 |          |          |          |            |         | %     |
| Boron      | 10-1  | 14.35    | 16.11    | 18.92    | 16.46      | 14.00   | ppb   |
| Boron      | 11-1  | 16.21    | 16.59    | 20.86    | 17.89      | 14.45   | ppb   |
| Cadmium    | 111-1 | 0.01     | -0.02    | 0.05     | 0.01       | 263.01  | ppb   |
| Cadmium    | 106-1 | -1.12    | -1.07    | -1.24    | -1.14      |         | ppb   |
| Cadmium    | 108-1 | 0.22     | 0.24     | 0.20     | 0.22       | 9.32    | ppb   |
| Calcium    | 43-1  | 41079.40 | 40380.25 | 52340.29 | 44599.98   | 15.05   | ppb   |
| Calcium    | 44-1  | 41924.44 | 41460.30 | 53467.89 | 45617.54   | 14.91   | ppb   |
| Chromium   | 52-2  | 0.91     | 0.89     | 0.88     | 0.89       | 1.46    | ppb   |
| Cobalt     | 59-2  | 0.11     | 0.12     | 0.10     | 0.11       | 7.38    | ppb   |
| Copper     | 63-2  | 3.12     | 3.11     | 2.95     | 3.06       | 3.06    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          |            |         | %     |
| Holmium    | 165-2 |          |          |          |            |         | %     |
| Indium     | 115-1 |          |          |          |            |         | %     |
| Indium     | 115-2 |          |          |          |            |         | %     |
| Iron       | 56-2  | 1578.98  | 1589.05  | 1582.18  | 1583.41    | 0.32    | ppb   |
| Iron       | 57-2  | 1632.92  | 1638.49  | 1610.68  | 1627.36    | 0.90    | ppb   |
| Lead       | 206-1 | 0.35     | 0.29     | 0.40     | 0.35       | 15.35   | ppb   |
| Lead       | 207-1 | 0.26     | 0.28     | 0.38     | 0.31       | 21.35   | ppb   |
| Lead       | 208-1 | 0.30     | 0.29     | 0.39     | 0.33       | 16.21   | ppb   |
| Lithium    | 6-1   |          |          |          |            |         | %     |
| Magnesium  | 24-2  | 12715.35 | 12676.45 | 12618.88 | 12670.23   | 0.38    | ppb   |
| Manganese  | 55-2  | 441.71   | 443.08   | 443.38   | 442.72     | 0.20    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-01LX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0443L           | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2017-11-10 15:46:37 | DataFile Name :   | 061SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.30      | 0.29      | 0.42      | 0.34       | 21.84   | ppb   |
| Molybdenum | 95-1  | 0.28      | 0.26      | 0.35      | 0.30       | 15.53   | ppb   |
| Molybdenum | 96-1  | 0.24      | 0.27      | 0.42      | 0.31       | 31.77   | ppb   |
| Molybdenum | 97-1  | 0.26      | 0.29      | 0.39      | 0.32       | 20.87   | ppb   |
| Molybdenum | 98-1  | 0.26      | 0.22      | 0.33      | 0.27       | 20.96   | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 0.64      | 0.77      | 0.75      | 0.72       | 9.70    | ppb   |
| Phosphorus | 31-2  | 22.53     | 16.10     | 9.28      | 15.97      | 41.51   | ppb   |
| Potassium  | 39-2  | 1789.21   | 1801.88   | 1794.05   | 1795.04    | 0.36    | ppb   |
| Rhodium    | 103-1 |           |           |           |            |         | %     |
| Rhodium    | 103-2 |           |           |           |            |         | %     |
| Scandium   | 45-1  |           |           |           |            |         | %     |
| Scandium   | 45-2  |           |           |           |            |         | %     |
| Selenium   | 77-2  | 0.42      | -0.18     | 1.01      | 0.42       | 142.56  | ppb   |
| Selenium   | 78-2  | 0.36      | -0.50     | 0.18      | 0.01       | 3330.96 | ppb   |
| Selenium   | 82-1  | 0.75      | 0.66      | -0.25     | 0.38       | 143.53  | ppb   |
| Silicon    | 28-1  | 1593.73   | 1565.96   | 2022.90   | 1727.53    | 14.83   | ppb   |
| Silver     | 109-1 | 0.22      | 0.22      | 0.29      | 0.25       | 15.51   | ppb   |
| Silver     | 107-1 | 0.21      | 0.19      | 0.28      | 0.23       | 21.44   | ppb   |
| Sodium     | 23-2  | 107028.98 | 106720.37 | 106597.30 | 106782.22  | 0.21    | ppb   |
| Strontium  | 86-1  | 299.16    | 296.74    | 379.34    | 325.08     | 14.46   | ppb   |
| Strontium  | 88-1  | 304.05    | 301.60    | 389.17    | 331.61     | 15.04   | ppb   |
| Sulfur     | 34-1  | 1537.12   | 1552.29   | 3568.36   | 2219.26    | 52.65   | ppb   |
| Terbium    | 159-1 |           |           |           |            |         | %     |
| Terbium    | 159-2 |           |           |           |            |         | %     |
| Thallium   | 203-1 | 0.02      | 0.01      | 0.02      | 0.02       | 21.36   | ppb   |
| Thallium   | 205-1 | 0.02      | 0.02      | 0.03      | 0.02       | 34.34   | ppb   |
| Tin        | 118-1 | 0.21      | 0.20      | 0.28      | 0.23       | 19.77   | ppb   |
| Titanium   | 47-1  | 6.19      | 6.44      | 8.29      | 6.97       | 16.41   | ppb   |
| Uranium    | 238-1 | 1.11      | 1.08      | 1.37      | 1.18       | 13.45   | ppb   |
| Vanadium   | 51-2  | 0.36      | 0.34      | 0.38      | 0.36       | 5.52    | ppb   |
| Yttrium    | 89-1  |           |           |           |            |         | %     |
| Yttrium    | 89-2  |           |           |           |            |         | %     |
| Zinc       | 66-2  | 9.78      | 9.10      | 10.12     | 9.66       | 5.38    | ppb   |
| Zirconium  | 90-1  | 0.07      | 0.07      | 0.11      | 0.08       | 26.74   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-01LX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0443L           | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2017-11-10 15:46:37 | DataFile Name :   | 061SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.09    | 0.07    | 0.09    | 0.08       | 12.51   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-02            | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0443MS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 15:50:10 | DataFile Name :   | 062SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 10193.39  | 10177.89  | 10115.85  | 10162.38   | 0.40    | ppb   |
| Antimony   | 121-1 | 490.74    | 488.60    | 487.60    | 488.98     | 0.33    | ppb   |
| Arsenic    | 75-2  | 581.09    | 582.05    | 585.85    | 583.00     | 0.43    | ppb   |
| Barium     | 135-1 | 2564.42   | 2570.33   | 2565.70   | 2566.82    | 0.12    | ppb   |
| Barium     | 137-1 | 2567.50   | 2585.78   | 2560.42   | 2571.23    | 0.51    | ppb   |
| Beryllium  | 9-1   | 409.00    | 408.62    | 406.26    | 407.96     | 0.36    | ppb   |
| Bismuth    | 209-1 |           |           |           |            |         | %     |
| Bismuth    | 209-2 |           |           |           |            |         | %     |
| Boron      | 10-1  | 466.43    | 469.91    | 465.44    | 467.26     | 0.50    | ppb   |
| Boron      | 11-1  | 476.12    | 483.23    | 481.55    | 480.30     | 0.77    | ppb   |
| Cadmium    | 111-1 | 480.98    | 480.53    | 476.48    | 479.33     | 0.52    | ppb   |
| Cadmium    | 106-1 | 470.21    | 471.66    | 471.54    | 471.14     | 0.17    | ppb   |
| Cadmium    | 108-1 | 475.00    | 480.42    | 477.20    | 477.54     | 0.57    | ppb   |
| Calcium    | 43-1  | 275067.50 | 278176.24 | 278933.69 | 277392.48  | 0.74    | ppb   |
| Calcium    | 44-1  | 276293.24 | 278341.53 | 280124.64 | 278253.14  | 0.69    | ppb   |
| Chromium   | 52-2  | 554.12    | 560.68    | 555.18    | 556.66     | 0.63    | ppb   |
| Cobalt     | 59-2  | 544.14    | 550.87    | 545.18    | 546.73     | 0.66    | ppb   |
| Copper     | 63-2  | 1052.02   | 1070.06   | 1062.88   | 1061.66    | 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 |           |           |           |            |         | %     |
| Holmium    | 165-2 |           |           |           |            |         | %     |
| Indium     | 115-1 |           |           |           |            |         | %     |
| Indium     | 115-2 |           |           |           |            |         | %     |
| Iron       | 56-2  | 35161.04  | 35489.69  | 34993.41  | 35214.71   | 0.72    | ppb   |
| Iron       | 57-2  | 34655.35  | 34942.95  | 34869.92  | 34822.74   | 0.43    | ppb   |
| Lead       | 206-1 | 514.14    | 512.34    | 518.69    | 515.06     | 0.64    | ppb   |
| Lead       | 207-1 | 510.93    | 508.74    | 512.96    | 510.88     | 0.41    | ppb   |
| Lead       | 208-1 | 519.31    | 519.67    | 522.73    | 520.57     | 0.36    | ppb   |
| Lithium    | 6-1   |           |           |           |            |         | %     |
| Magnesium  | 24-2  | 123769.00 | 124313.20 | 123744.44 | 123942.22  | 0.26    | ppb   |
| Manganese  | 55-2  | 3345.11   | 3370.31   | 3348.75   | 3354.72    | 0.41    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-02            | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0443MS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 15:50:10 | DataFile Name :   | 062SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 2541.00   | 2522.33   | 2553.48   | 2538.94    | 0.62    | ppb   |
| Molybdenum | 95-1  | 2554.23   | 2545.45   | 2550.97   | 2550.22    | 0.17    | ppb   |
| Molybdenum | 96-1  | 2550.66   | 2545.22   | 2536.03   | 2543.97    | 0.29    | ppb   |
| Molybdenum | 97-1  | 2556.11   | 2562.35   | 2561.02   | 2559.83    | 0.13    | ppb   |
| Molybdenum | 98-1  | 2566.07   | 2566.80   | 2567.20   | 2566.69    | 0.02    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 543.64    | 550.57    | 548.01    | 547.41     | 0.64    | ppb   |
| Phosphorus | 31-2  | 59.18     | 65.45     | 93.34     | 72.66      | 25.03   | ppb   |
| Potassium  | 39-2  | 33958.97  | 34237.72  | 33850.64  | 34015.78   | 0.59    | ppb   |
| Rhodium    | 103-1 |           |           |           |            |         | %     |
| Rhodium    | 103-2 |           |           |           |            |         | %     |
| Scandium   | 45-1  |           |           |           |            |         | %     |
| Scandium   | 45-2  |           |           |           |            |         | %     |
| Selenium   | 77-2  | 509.38    | 547.42    | 488.93    | 515.24     | 5.76    | ppb   |
| Selenium   | 78-2  | 514.54    | 502.43    | 510.44    | 509.14     | 1.21    | ppb   |
| Selenium   | 82-1  | 512.98    | 515.94    | 513.76    | 514.22     | 0.30    | ppb   |
| Silicon    | 28-1  | 8822.99   | 8815.72   | 8764.02   | 8800.91    | 0.37    | ppb   |
| Silver     | 109-1 | 497.93    | 501.69    | 493.83    | 497.82     | 0.79    | ppb   |
| Silver     | 107-1 | 497.30    | 496.18    | 494.79    | 496.09     | 0.25    | ppb   |
| Sodium     | 23-2  | 623466.97 | 623230.59 | 616387.65 | 621028.40  | 0.65    | ppb   |
| Strontium  | 86-1  | 2157.42   | 2153.78   | 2162.00   | 2157.73    | 0.19    | ppb   |
| Strontium  | 88-1  | 2149.48   | 2131.35   | 2133.75   | 2138.19    | 0.46    | ppb   |
| Sulfur     | 34-1  | 11929.55  | 11813.85  | 11795.23  | 11846.21   | 0.61    | ppb   |
| Terbium    | 159-1 |           |           |           |            |         | %     |
| Terbium    | 159-2 |           |           |           |            |         | %     |
| Thallium   | 203-1 | 522.55    | 520.49    | 528.35    | 523.79     | 0.78    | ppb   |
| Thallium   | 205-1 | 537.46    | 539.84    | 544.94    | 540.75     | 0.71    | ppb   |
| Tin        | 118-1 | 454.28    | 454.20    | 452.98    | 453.82     | 0.16    | ppb   |
| Titanium   | 47-1  | 2538.29   | 2548.42   | 2567.06   | 2551.26    | 0.57    | ppb   |
| Uranium    | 238-1 | 525.24    | 530.32    | 535.47    | 530.34     | 0.96    | ppb   |
| Vanadium   | 51-2  | 545.44    | 547.01    | 545.66    | 546.04     | 0.16    | ppb   |
| Yttrium    | 89-1  |           |           |           |            |         | %     |
| Yttrium    | 89-2  |           |           |           |            |         | %     |
| Zinc       | 66-2  | 1004.65   | 1024.60   | 1017.46   | 1015.57    | 0.99    | ppb   |
| Zirconium  | 90-1  | 506.87    | 505.24    | 505.01    | 505.71     | 0.20    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-02            | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0443MS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 15:50:10 | DataFile Name :   | 062SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 498.90  | 496.02  | 498.96  | 497.96     | 0.34    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-03            | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0443MSD         | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 15:53:43 | DataFile Name :   | 063SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 10159.92  | 10113.26  | 10016.33  | 10096.50   | 0.73    | ppb   |
| Antimony   | 121-1 | 483.18    | 484.58    | 484.73    | 484.16     | 0.18    | ppb   |
| Arsenic    | 75-2  | 585.38    | 587.27    | 587.18    | 586.61     | 0.18    | ppb   |
| Barium     | 135-1 | 2524.33   | 2555.58   | 2559.65   | 2546.52    | 0.76    | ppb   |
| Barium     | 137-1 | 2532.80   | 2572.13   | 2558.16   | 2554.36    | 0.78    | ppb   |
| Beryllium  | 9-1   | 417.74    | 416.06    | 416.17    | 416.65     | 0.23    | ppb   |
| Bismuth    | 209-1 |           |           |           |            |         | %     |
| Bismuth    | 209-2 |           |           |           |            |         | %     |
| Boron      | 10-1  | 473.20    | 480.09    | 481.61    | 478.30     | 0.94    | ppb   |
| Boron      | 11-1  | 492.89    | 499.15    | 500.28    | 497.44     | 0.80    | ppb   |
| Cadmium    | 111-1 | 473.81    | 475.84    | 477.98    | 475.87     | 0.44    | ppb   |
| Cadmium    | 106-1 | 470.85    | 467.24    | 464.02    | 467.37     | 0.73    | ppb   |
| Cadmium    | 108-1 | 469.12    | 468.22    | 473.24    | 470.19     | 0.57    | ppb   |
| Calcium    | 43-1  | 276261.27 | 274765.02 | 277898.31 | 276308.20  | 0.57    | ppb   |
| Calcium    | 44-1  | 277892.77 | 276963.42 | 277708.16 | 277521.45  | 0.18    | ppb   |
| Chromium   | 52-2  | 560.63    | 565.26    | 559.59    | 561.83     | 0.54    | ppb   |
| Cobalt     | 59-2  | 559.49    | 557.66    | 552.91    | 556.69     | 0.61    | ppb   |
| Copper     | 63-2  | 1087.26   | 1087.60   | 1076.22   | 1083.69    | 0.60    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           |            |         | %     |
| Holmium    | 165-2 |           |           |           |            |         | %     |
| Indium     | 115-1 |           |           |           |            |         | %     |
| Indium     | 115-2 |           |           |           |            |         | %     |
| Iron       | 56-2  | 35768.69  | 35785.48  | 35257.90  | 35604.02   | 0.84    | ppb   |
| Iron       | 57-2  | 35360.41  | 35371.78  | 35039.45  | 35257.22   | 0.54    | ppb   |
| Lead       | 206-1 | 515.83    | 521.11    | 521.85    | 519.60     | 0.63    | ppb   |
| Lead       | 207-1 | 515.87    | 515.60    | 517.47    | 516.32     | 0.20    | ppb   |
| Lead       | 208-1 | 524.00    | 525.37    | 528.84    | 526.07     | 0.47    | ppb   |
| Lithium    | 6-1   |           |           |           |            |         | %     |
| Magnesium  | 24-2  | 124683.18 | 124090.98 | 122996.60 | 123923.59  | 0.69    | ppb   |
| Manganese  | 55-2  | 3383.26   | 3398.58   | 3368.60   | 3383.48    | 0.44    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-03            | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0443MSD         | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 15:53:43 | DataFile Name :   | 063SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 2552.94   | 2566.92   | 2558.79   | 2559.55    | 0.27    | ppb   |
| Molybdenum | 95-1  | 2566.76   | 2562.45   | 2578.03   | 2569.08    | 0.31    | ppb   |
| Molybdenum | 96-1  | 2570.96   | 2554.23   | 2573.71   | 2566.30    | 0.41    | ppb   |
| Molybdenum | 97-1  | 2588.24   | 2569.57   | 2590.06   | 2582.62    | 0.44    | ppb   |
| Molybdenum | 98-1  | 2590.06   | 2591.13   | 2591.49   | 2590.89    | 0.03    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 560.63    | 561.79    | 554.91    | 559.11     | 0.66    | ppb   |
| Phosphorus | 31-2  | 112.04    | 87.75     | 76.01     | 91.93      | 19.99   | ppb   |
| Potassium  | 39-2  | 34189.36  | 34096.96  | 33815.34  | 34033.89   | 0.57    | ppb   |
| Rhodium    | 103-1 |           |           |           |            |         | %     |
| Rhodium    | 103-2 |           |           |           |            |         | %     |
| Scandium   | 45-1  |           |           |           |            |         | %     |
| Scandium   | 45-2  |           |           |           |            |         | %     |
| Selenium   | 77-2  | 511.75    | 503.21    | 523.37    | 512.78     | 1.97    | ppb   |
| Selenium   | 78-2  | 495.46    | 510.21    | 513.84    | 506.50     | 1.92    | ppb   |
| Selenium   | 82-1  | 517.31    | 513.65    | 511.64    | 514.20     | 0.56    | ppb   |
| Silicon    | 28-1  | 8531.32   | 8402.18   | 8409.25   | 8447.58    | 0.86    | ppb   |
| Silver     | 109-1 | 489.96    | 490.70    | 491.59    | 490.75     | 0.17    | ppb   |
| Silver     | 107-1 | 490.05    | 489.27    | 489.97    | 489.76     | 0.09    | ppb   |
| Sodium     | 23-2  | 624902.94 | 624522.67 | 619241.87 | 622889.16  | 0.51    | ppb   |
| Strontium  | 86-1  | 2169.83   | 2176.83   | 2170.19   | 2172.28    | 0.18    | ppb   |
| Strontium  | 88-1  | 2144.88   | 2155.85   | 2153.59   | 2151.44    | 0.27    | ppb   |
| Sulfur     | 34-1  | 11524.46  | 11230.90  | 11233.61  | 11329.65   | 1.49    | ppb   |
| Terbium    | 159-1 |           |           |           |            |         | %     |
| Terbium    | 159-2 |           |           |           |            |         | %     |
| Thallium   | 203-1 | 528.64    | 524.27    | 526.42    | 526.44     | 0.41    | ppb   |
| Thallium   | 205-1 | 540.39    | 543.76    | 545.84    | 543.33     | 0.51    | ppb   |
| Tin        | 118-1 | 446.27    | 446.31    | 450.32    | 447.63     | 0.52    | ppb   |
| Titanium   | 47-1  | 2557.82   | 2537.30   | 2549.79   | 2548.30    | 0.41    | ppb   |
| Uranium    | 238-1 | 535.22    | 536.62    | 540.25    | 537.36     | 0.48    | ppb   |
| Vanadium   | 51-2  | 552.66    | 553.39    | 549.92    | 551.99     | 0.33    | ppb   |
| Yttrium    | 89-1  |           |           |           |            |         | %     |
| Yttrium    | 89-2  |           |           |           |            |         | %     |
| Zinc       | 66-2  | 1035.05   | 1044.80   | 1026.70   | 1035.52    | 0.87    | ppb   |
| Zirconium  | 90-1  | 506.58    | 503.14    | 510.12    | 506.61     | 0.69    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-03            | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0443MSD         | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 15:53:43 | DataFile Name :   | 063SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 500.55  | 500.61  | 500.18  | 500.45     | 0.05    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB91543             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV29               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV29               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-11-10 15:57:34 | DataFile Name :   | 064CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 48539.94  | 48105.06  | 48237.09  | 48294.03   | 0.46    | ppb   |
| Antimony   | 121-1 | 435.05    | 439.48    | 441.83    | 438.79     | 0.78    | ppb   |
| Arsenic    | 75-2  | 485.34    | 486.90    | 485.61    | 485.95     | 0.17    | ppb   |
| Barium     | 135-1 | 2373.69   | 2443.29   | 2378.35   | 2398.45    | 1.62    | ppb   |
| Barium     | 137-1 | 2434.94   | 2448.00   | 2443.45   | 2442.13    | 0.27    | ppb   |
| Beryllium  | 9-1   | 487.78    | 486.83    | 492.09    | 488.90     | 0.57    | ppb   |
| Bismuth    | 209-1 |           |           |           |            |         | %     |
| Bismuth    | 209-2 |           |           |           |            |         | %     |
| Boron      | 10-1  | 493.50    | 500.05    | 517.21    | 503.59     | 2.43    | ppb   |
| Boron      | 11-1  | 506.10    | 514.77    | 527.69    | 516.19     | 2.11    | ppb   |
| Cadmium    | 111-1 | 456.97    | 451.10    | 455.87    | 454.65     | 0.69    | ppb   |
| Cadmium    | 106-1 | 455.79    | 451.28    | 446.66    | 451.24     | 1.01    | ppb   |
| Cadmium    | 108-1 | 456.61    | 453.46    | 461.10    | 457.06     | 0.84    | ppb   |
| Calcium    | 43-1  | 242894.09 | 243385.11 | 245084.55 | 243787.92  | 0.47    | ppb   |
| Calcium    | 44-1  | 243690.41 | 243724.35 | 244671.56 | 244028.77  | 0.23    | ppb   |
| Chromium   | 52-2  | 500.80    | 499.36    | 503.31    | 501.16     | 0.40    | ppb   |
| Cobalt     | 59-2  | 503.06    | 501.71    | 497.20    | 500.66     | 0.61    | ppb   |
| Copper     | 63-2  | 997.35    | 998.25    | 987.86    | 994.49     | 0.58    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           |            |         | %     |
| Holmium    | 165-2 |           |           |           |            |         | %     |
| Indium     | 115-1 |           |           |           |            |         | %     |
| Indium     | 115-2 |           |           |           |            |         | %     |
| Iron       | 56-2  | 128129.46 | 127161.80 | 126597.12 | 127296.13  | 0.61    | ppb   |
| Iron       | 57-2  | 127952.51 | 127868.27 | 126747.13 | 127522.63  | 0.53    | ppb   |
| Lead       | 206-1 | 497.18    | 498.42    | 495.66    | 497.09     | 0.28    | ppb   |
| Lead       | 207-1 | 490.72    | 491.14    | 489.30    | 490.38     | 0.20    | ppb   |
| Lead       | 208-1 | 500.61    | 501.28    | 499.83    | 500.57     | 0.14    | ppb   |
| Lithium    | 6-1   |           |           |           |            |         | %     |
| Magnesium  | 24-2  | 254123.56 | 251186.99 | 250549.43 | 251953.33  | 0.76    | ppb   |
| Manganese  | 55-2  | 996.60    | 989.13    | 987.18    | 990.97     | 0.50    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB91543             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV29               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV29               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-11-10 15:57:34 | DataFile Name :   | 064CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 2509.26   | 2502.16   | 2506.05   | 2505.82    | 0.14    | ppb   |
| Molybdenum | 95-1  | 2504.32   | 2509.11   | 2500.85   | 2504.76    | 0.17    | ppb   |
| Molybdenum | 96-1  | 2498.35   | 2483.81   | 2499.29   | 2493.82    | 0.35    | ppb   |
| Molybdenum | 97-1  | 2514.68   | 2507.69   | 2509.63   | 2510.67    | 0.14    | ppb   |
| Molybdenum | 98-1  | 2504.99   | 2494.67   | 2511.33   | 2503.66    | 0.34    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 497.62    | 495.97    | 492.49    | 495.36     | 0.53    | ppb   |
| Phosphorus | 31-2  | 9940.66   | 9816.26   | 9714.63   | 9823.85    | 1.15    | ppb   |
| Potassium  | 39-2  | 123055.19 | 122741.96 | 122709.88 | 122835.68  | 0.16    | ppb   |
| Rhodium    | 103-1 |           |           |           |            |         | %     |
| Rhodium    | 103-2 |           |           |           |            |         | %     |
| Scandium   | 45-1  |           |           |           |            |         | %     |
| Scandium   | 45-2  |           |           |           |            |         | %     |
| Selenium   | 77-2  | 475.29    | 483.13    | 485.65    | 481.35     | 1.12    | ppb   |
| Selenium   | 78-2  | 471.98    | 465.09    | 466.43    | 467.83     | 0.78    | ppb   |
| Selenium   | 82-1  | 472.16    | 476.61    | 478.67    | 475.81     | 0.70    | ppb   |
| Silicon    | 28-1  | 579.50    | 583.94    | 592.03    | 585.16     | 1.09    | ppb   |
| Silver     | 109-1 | 449.62    | 444.32    | 448.11    | 447.35     | 0.61    | ppb   |
| Silver     | 107-1 | 446.33    | 446.50    | 447.15    | 446.66     | 0.10    | ppb   |
| Sodium     | 23-2  | 254626.39 | 252493.63 | 252984.41 | 253368.14  | 0.44    | ppb   |
| Strontium  | 86-1  | 504.19    | 500.09    | 505.46    | 503.25     | 0.56    | ppb   |
| Strontium  | 88-1  | 510.39    | 510.88    | 513.19    | 511.49     | 0.29    | ppb   |
| Sulfur     | 34-1  | 8689.58   | 8599.73   | 8798.23   | 8695.84    | 1.14    | ppb   |
| Terbium    | 159-1 |           |           |           |            |         | %     |
| Terbium    | 159-2 |           |           |           |            |         | %     |
| Thallium   | 203-1 | 494.97    | 495.43    | 490.78    | 493.73     | 0.52    | ppb   |
| Thallium   | 205-1 | 508.81    | 510.57    | 507.47    | 508.95     | 0.31    | ppb   |
| Tin        | 118-1 | 463.23    | 466.30    | 463.87    | 464.47     | 0.35    | ppb   |
| Titanium   | 47-1  | 2461.40   | 2466.06   | 2472.20   | 2466.55    | 0.22    | ppb   |
| Uranium    | 238-1 | 514.28    | 512.26    | 510.02    | 512.18     | 0.42    | ppb   |
| Vanadium   | 51-2  | 507.96    | 505.66    | 505.34    | 506.32     | 0.28    | ppb   |
| Yttrium    | 89-1  |           |           |           |            |         | %     |
| Yttrium    | 89-2  |           |           |           |            |         | %     |
| Zinc       | 66-2  | 980.10    | 975.91    | 971.67    | 975.89     | 0.43    | ppb   |
| Zirconium  | 90-1  | 500.67    | 498.87    | 500.86    | 500.13     | 0.22    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB91543             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV29               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV29               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-11-10 15:57:34 | DataFile Name :   | 064CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 492.14  | 494.03  | 494.28  | 493.48     | 0.24    | ppb   |

LB Number : LB91543 Operator : Jaswal  
 Lab Sample ID : CCB29 Instrumnet Name : P7  
 Client Sample ID : CCB29 Dilution Factor : 1  
 Date & Time Acquired :: 2017-11-10 16:01:07 DataFile Name : 065CCBE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1.79    | 0.59    | 0.95    | 1.11       | 55.60   | ppb   |
| Antimony   | 121-1 | 1.31    | 1.26    | 1.09    | 1.22       | 9.34    | ppb   |
| Arsenic    | 75-2  | 0.12    | 0.12    | 0.10    | 0.11       | 8.71    | ppb   |
| Barium     | 135-1 | 0.09    | 0.11    | 0.06    | 0.09       | 26.89   | ppb   |
| Barium     | 137-1 | 0.06    | 0.08    | 0.04    | 0.06       | 34.39   | ppb   |
| Beryllium  | 9-1   | 0.12    | 0.16    | 0.10    | 0.13       | 24.96   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 20.92   | 18.48   | 16.11   | 18.50      | 13.02   | ppb   |
| Boron      | 11-1  | 19.63   | 17.74   | 16.00   | 17.79      | 10.20   | ppb   |
| Cadmium    | 111-1 | -0.09   | -0.11   | -0.05   | -0.09      |         | ppb   |
| Cadmium    | 106-1 | -1.55   | -1.94   | -1.19   | -1.56      |         | ppb   |
| Cadmium    | 108-1 | 0.04    | 0.13    | 0.04    | 0.07       | 76.66   | ppb   |
| Calcium    | 43-1  | 6.74    | 9.41    | 6.52    | 7.56       | 21.29   | ppb   |
| Calcium    | 44-1  | 3.20    | 4.02    | 3.31    | 3.51       | 12.56   | ppb   |
| Chromium   | 52-2  | 0.03    | -0.01   | 0.04    | 0.02       | 111.06  | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       | 86.74   | ppb   |
| Copper     | 63-2  | 0.82    | 0.71    | 0.75    | 0.76       | 6.96    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 4.72    | 4.73    | 4.83    | 4.76       | 1.30    | ppb   |
| Iron       | 57-2  | 5.03    | 6.67    | 2.91    | 4.87       | 38.66   | ppb   |
| Lead       | 206-1 | 0.09    | 0.08    | 0.08    | 0.08       | 8.34    | ppb   |
| Lead       | 207-1 | 0.07    | 0.10    | 0.06    | 0.08       | 26.94   | ppb   |
| Lead       | 208-1 | 0.08    | 0.08    | 0.08    | 0.08       | 3.64    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 2.74    | 2.53    | 3.94    | 3.07       | 24.84   | ppb   |
| Manganese  | 55-2  | 0.09    | 0.08    | 0.09    | 0.09       | 7.75    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB29               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB29               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 16:01:07 | DataFile Name :   | 065CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.82    | 0.80     | 0.69     | 0.77       | 9.22    | ppb   |
| Molybdenum | 95-1  | 0.93    | 0.89     | 0.80     | 0.87       | 7.77    | ppb   |
| Molybdenum | 96-1  | 0.93    | 0.90     | 0.82     | 0.89       | 6.36    | ppb   |
| Molybdenum | 97-1  | 0.98    | 0.89     | 0.86     | 0.91       | 7.36    | ppb   |
| Molybdenum | 98-1  | 0.92    | 0.86     | 0.85     | 0.88       | 4.07    | ppb   |
| Neodymium  | 150-1 |         |          |          |            |         | cps   |
| Neodymium  | 150-2 |         |          |          |            |         | cps   |
| Nickel     | 60-2  | -0.01   | 0.00     | 0.03     | 0.01       | 393.75  | ppb   |
| Phosphorus | 31-2  | -3.11   | 3.74     | -10.30   | -3.22      |         | ppb   |
| Potassium  | 39-2  | 19.19   | 18.62    | 24.10    | 20.64      | 14.59   | ppb   |
| Rhodium    | 103-1 |         |          |          |            |         | %     |
| Rhodium    | 103-2 |         |          |          |            |         | %     |
| Scandium   | 45-1  |         |          |          |            |         | %     |
| Scandium   | 45-2  |         |          |          |            |         | %     |
| Selenium   | 77-2  | -0.18   | 1.05     | 0.43     | 0.43       | 140.89  | ppb   |
| Selenium   | 78-2  | 0.75    | 0.65     | 1.03     | 0.81       | 24.91   | ppb   |
| Selenium   | 82-1  | 0.16    | 0.58     | 0.65     | 0.46       | 57.32   | ppb   |
| Silicon    | 28-1  | -0.38   | -1.16    | -1.04    | -0.86      |         | ppb   |
| Silver     | 109-1 | 0.13    | 0.12     | 0.11     | 0.12       | 7.28    | ppb   |
| Silver     | 107-1 | 0.12    | 0.14     | 0.11     | 0.12       | 12.20   | ppb   |
| Sodium     | 23-2  | 80.24   | 81.95    | 80.97    | 81.06      | 1.06    | ppb   |
| Strontium  | 86-1  | 0.06    | 0.01     | 0.03     | 0.03       | 84.75   | ppb   |
| Strontium  | 88-1  | 0.04    | 0.04     | 0.04     | 0.04       | 9.81    | ppb   |
| Sulfur     | 34-1  | -976.54 | -1089.15 | -1042.70 | -1036.13   |         | ppb   |
| Terbium    | 159-1 |         |          |          |            |         | %     |
| Terbium    | 159-2 |         |          |          |            |         | %     |
| Thallium   | 203-1 | 0.08    | 0.08     | 0.08     | 0.08       | 0.24    | ppb   |
| Thallium   | 205-1 | 0.09    | 0.08     | 0.09     | 0.08       | 7.14    | ppb   |
| Tin        | 118-1 | 0.29    | 0.26     | 0.25     | 0.27       | 7.97    | ppb   |
| Titanium   | 47-1  | 0.26    | 0.17     | 0.16     | 0.20       | 28.87   | ppb   |
| Uranium    | 238-1 | 0.01    | 0.02     | 0.02     | 0.02       | 13.82   | ppb   |
| Vanadium   | 51-2  | 0.02    | 0.02     | 0.02     | 0.02       | 9.29    | ppb   |
| Yttrium    | 89-1  |         |          |          |            |         | %     |
| Yttrium    | 89-2  |         |          |          |            |         | %     |
| Zinc       | 66-2  | 0.59    | 1.01     | 0.68     | 0.76       | 29.18   | ppb   |
| Zirconium  | 90-1  | 0.10    | 0.11     | 0.10     | 0.11       | 2.52    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB29               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB29               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 16:01:07 | DataFile Name :   | 065CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.10    | 0.10    | 0.08    | 0.09       | 14.59   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-01A           | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0443A           | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 16:04:39 | DataFile Name :   | 066SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 10160.74  | 10079.73  | 9949.98   | 10063.49   | 1.06    | ppb   |
| Antimony   | 121-1 | 489.16    | 487.79    | 490.29    | 489.08     | 0.26    | ppb   |
| Arsenic    | 75-2  | 583.36    | 584.27    | 584.30    | 583.98     | 0.09    | ppb   |
| Barium     | 135-1 | 2564.01   | 2548.70   | 2578.86   | 2563.86    | 0.59    | ppb   |
| Barium     | 137-1 | 2585.19   | 2564.74   | 2588.48   | 2579.47    | 0.50    | ppb   |
| Beryllium  | 9-1   | 443.13    | 429.96    | 426.22    | 433.10     | 2.05    | ppb   |
| Bismuth    | 209-1 |           |           |           |            |         | %     |
| Bismuth    | 209-2 |           |           |           |            |         | %     |
| Boron      | 10-1  | 497.45    | 491.25    | 493.82    | 494.17     | 0.63    | ppb   |
| Boron      | 11-1  | 517.53    | 512.49    | 513.89    | 514.64     | 0.51    | ppb   |
| Cadmium    | 111-1 | 477.73    | 472.46    | 478.60    | 476.26     | 0.70    | ppb   |
| Cadmium    | 106-1 | 472.40    | 463.79    | 466.40    | 467.53     | 0.94    | ppb   |
| Cadmium    | 108-1 | 477.92    | 474.49    | 478.57    | 476.99     | 0.46    | ppb   |
| Calcium    | 43-1  | 277552.70 | 276172.68 | 276824.27 | 276849.88  | 0.25    | ppb   |
| Calcium    | 44-1  | 277788.67 | 278469.25 | 277494.67 | 277917.53  | 0.18    | ppb   |
| Chromium   | 52-2  | 560.10    | 558.34    | 561.50    | 559.98     | 0.28    | ppb   |
| Cobalt     | 59-2  | 556.45    | 553.33    | 553.49    | 554.42     | 0.32    | ppb   |
| Copper     | 63-2  | 1074.44   | 1075.60   | 1075.72   | 1075.26    | 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 |           |           |           |            |         | %     |
| Holmium    | 165-2 |           |           |           |            |         | %     |
| Indium     | 115-1 |           |           |           |            |         | %     |
| Indium     | 115-2 |           |           |           |            |         | %     |
| Iron       | 56-2  | 35612.25  | 35185.22  | 35313.46  | 35370.31   | 0.62    | ppb   |
| Iron       | 57-2  | 35233.32  | 35086.26  | 34982.51  | 35100.69   | 0.36    | ppb   |
| Lead       | 206-1 | 513.87    | 513.53    | 516.98    | 514.79     | 0.37    | ppb   |
| Lead       | 207-1 | 510.28    | 507.55    | 517.89    | 511.91     | 1.05    | ppb   |
| Lead       | 208-1 | 518.80    | 521.52    | 527.20    | 522.51     | 0.82    | ppb   |
| Lithium    | 6-1   |           |           |           |            |         | %     |
| Magnesium  | 24-2  | 123106.19 | 122533.44 | 121932.67 | 122524.10  | 0.48    | ppb   |
| Manganese  | 55-2  | 3369.14   | 3356.42   | 3376.54   | 3367.37    | 0.30    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-01A           | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0443A           | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 16:04:39 | DataFile Name :   | 066SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 2521.55   | 2511.73   | 2535.86   | 2523.05    | 0.48    | ppb   |
| Molybdenum | 95-1  | 2530.14   | 2524.52   | 2540.54   | 2531.73    | 0.32    | ppb   |
| Molybdenum | 96-1  | 2533.34   | 2511.98   | 2556.95   | 2534.09    | 0.89    | ppb   |
| Molybdenum | 97-1  | 2569.30   | 2529.18   | 2572.12   | 2556.86    | 0.94    | ppb   |
| Molybdenum | 98-1  | 2561.68   | 2554.50   | 2571.95   | 2562.71    | 0.34    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 559.26    | 553.97    | 560.83    | 558.02     | 0.64    | ppb   |
| Phosphorus | 31-2  | 97.63     | 86.39     | 92.18     | 92.07      | 6.11    | ppb   |
| Potassium  | 39-2  | 34201.12  | 33753.71  | 33997.15  | 33983.99   | 0.66    | ppb   |
| Rhodium    | 103-1 |           |           |           |            |         | %     |
| Rhodium    | 103-2 |           |           |           |            |         | %     |
| Scandium   | 45-1  |           |           |           |            |         | %     |
| Scandium   | 45-2  |           |           |           |            |         | %     |
| Selenium   | 77-2  | 479.50    | 482.65    | 507.91    | 490.02     | 3.18    | ppb   |
| Selenium   | 78-2  | 505.63    | 494.65    | 492.53    | 497.60     | 1.41    | ppb   |
| Selenium   | 82-1  | 507.02    | 506.61    | 511.11    | 508.25     | 0.49    | ppb   |
| Silicon    | 28-1  | 8673.67   | 8606.03   | 8601.12   | 8626.94    | 0.47    | ppb   |
| Silver     | 109-1 | 496.89    | 492.42    | 497.05    | 495.45     | 0.53    | ppb   |
| Silver     | 107-1 | 496.02    | 492.44    | 494.48    | 494.31     | 0.36    | ppb   |
| Sodium     | 23-2  | 615852.49 | 610525.93 | 613116.86 | 613165.09  | 0.43    | ppb   |
| Strontium  | 86-1  | 2169.39   | 2146.87   | 2155.88   | 2157.38    | 0.53    | ppb   |
| Strontium  | 88-1  | 2135.43   | 2124.37   | 2138.52   | 2132.78    | 0.35    | ppb   |
| Sulfur     | 34-1  | 11585.78  | 11291.64  | 11306.84  | 11394.76   | 1.45    | ppb   |
| Terbium    | 159-1 |           |           |           |            |         | %     |
| Terbium    | 159-2 |           |           |           |            |         | %     |
| Thallium   | 203-1 | 522.41    | 520.88    | 525.45    | 522.91     | 0.44    | ppb   |
| Thallium   | 205-1 | 538.59    | 539.47    | 541.74    | 539.93     | 0.30    | ppb   |
| Tin        | 118-1 | 451.24    | 449.43    | 451.87    | 450.85     | 0.28    | ppb   |
| Titanium   | 47-1  | 2540.59   | 2532.95   | 2542.78   | 2538.77    | 0.20    | ppb   |
| Uranium    | 238-1 | 525.14    | 527.65    | 531.24    | 528.01     | 0.58    | ppb   |
| Vanadium   | 51-2  | 553.24    | 552.45    | 553.02    | 552.90     | 0.07    | ppb   |
| Yttrium    | 89-1  |           |           |           |            |         | %     |
| Yttrium    | 89-2  |           |           |           |            |         | %     |
| Zinc       | 66-2  | 1029.93   | 1030.47   | 1025.26   | 1028.55    | 0.28    | ppb   |
| Zirconium  | 90-1  | 505.93    | 504.89    | 504.31    | 505.05     | 0.16    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-01A           | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0443A           | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 16:04:39 | DataFile Name :   | 066SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 497.00  | 493.08  | 499.56  | 496.55     | 0.66    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-04            | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0438            | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 16:08:13 | DataFile Name :   | 067SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 1693.76   | 1688.45   | 1645.79   | 1676.00    | 1.57    | ppb   |
| Antimony   | 121-1 | 1.72      | 1.79      | 1.67      | 1.73       | 3.40    | ppb   |
| Arsenic    | 75-2  | 19.17     | 18.14     | 18.68     | 18.66      | 2.76    | ppb   |
| Barium     | 135-1 | 140.71    | 138.91    | 141.65    | 140.42     | 0.99    | ppb   |
| Barium     | 137-1 | 141.86    | 141.87    | 140.23    | 141.32     | 0.67    | ppb   |
| Beryllium  | 9-1   | 0.28      | 0.32      | 0.32      | 0.31       | 8.20    | ppb   |
| Bismuth    | 209-1 |           |           |           |            |         | %     |
| Bismuth    | 209-2 |           |           |           |            |         | %     |
| Boron      | 10-1  | 55.79     | 56.18     | 53.65     | 55.20      | 2.46    | ppb   |
| Boron      | 11-1  | 56.52     | 56.58     | 56.05     | 56.39      | 0.51    | ppb   |
| Cadmium    | 111-1 | 4.09      | 4.22      | 4.16      | 4.16       | 1.62    | ppb   |
| Cadmium    | 106-1 | 1.77      | 2.39      | 1.72      | 1.96       | 19.09   | ppb   |
| Cadmium    | 108-1 | 4.79      | 4.32      | 3.69      | 4.27       | 12.97   | ppb   |
| Calcium    | 43-1  | 304948.62 | 301107.77 | 303628.71 | 303228.37  | 0.64    | ppb   |
| Calcium    | 44-1  | 306123.58 | 302150.69 | 304466.94 | 304247.07  | 0.66    | ppb   |
| Chromium   | 52-2  | 49.36     | 48.35     | 49.46     | 49.06      | 1.25    | ppb   |
| Cobalt     | 59-2  | 8.49      | 8.11      | 8.50      | 8.37       | 2.62    | ppb   |
| Copper     | 63-2  | 62.50     | 61.88     | 62.25     | 62.21      | 0.50    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           |            |         | %     |
| Holmium    | 165-2 |           |           |           |            |         | %     |
| Indium     | 115-1 |           |           |           |            |         | %     |
| Indium     | 115-2 |           |           |           |            |         | %     |
| Iron       | 56-2  | 84232.04  | 83665.35  | 83677.72  | 83858.37   | 0.39    | ppb   |
| Iron       | 57-2  | 83550.12  | 83599.68  | 83575.19  | 83574.99   | 0.03    | ppb   |
| Lead       | 206-1 | 7.90      | 7.69      | 7.71      | 7.77       | 1.51    | ppb   |
| Lead       | 207-1 | 6.83      | 6.73      | 6.78      | 6.78       | 0.71    | ppb   |
| Lead       | 208-1 | 7.26      | 7.15      | 7.18      | 7.20       | 0.75    | ppb   |
| Lithium    | 6-1   |           |           |           |            |         | %     |
| Magnesium  | 24-2  | 46791.61  | 46801.63  | 46410.92  | 46668.05   | 0.48    | ppb   |
| Manganese  | 55-2  | 3964.75   | 3925.70   | 3928.74   | 3939.73    | 0.55    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-04            | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0438            | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 16:08:13 | DataFile Name :   | 067SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 2.78      | 2.81      | 2.72      | 2.77       | 1.70    | ppb   |
| Molybdenum | 95-1  | 2.45      | 2.45      | 2.42      | 2.44       | 0.76    | ppb   |
| Molybdenum | 96-1  | 2.76      | 2.67      | 2.71      | 2.71       | 1.66    | ppb   |
| Molybdenum | 97-1  | 2.31      | 2.34      | 2.25      | 2.30       | 1.90    | ppb   |
| Molybdenum | 98-1  | 2.40      | 2.28      | 2.34      | 2.34       | 2.63    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 45.22     | 45.21     | 45.34     | 45.26      | 0.16    | ppb   |
| Phosphorus | 31-2  | 490.86    | 549.82    | 607.27    | 549.32     | 10.60   | ppb   |
| Potassium  | 39-2  | 11352.88  | 11377.61  | 11383.63  | 11371.37   | 0.14    | ppb   |
| Rhodium    | 103-1 |           |           |           |            |         | %     |
| Rhodium    | 103-2 |           |           |           |            |         | %     |
| Scandium   | 45-1  |           |           |           |            |         | %     |
| Scandium   | 45-2  |           |           |           |            |         | %     |
| Selenium   | 77-2  | 0.52      | 3.25      | 1.20      | 1.65       | 85.89   | ppb   |
| Selenium   | 78-2  | 1.18      | -0.32     | 1.69      | 0.85       | 123.24  | ppb   |
| Selenium   | 82-1  | 1.18      | 0.92      | 1.46      | 1.19       | 22.80   | ppb   |
| Silicon    | 28-1  | 17875.67  | 17723.76  | 17860.04  | 17819.82   | 0.47    | ppb   |
| Silver     | 109-1 | 0.66      | 0.65      | 0.60      | 0.64       | 5.28    | ppb   |
| Silver     | 107-1 | 0.63      | 0.64      | 0.68      | 0.65       | 3.85    | ppb   |
| Sodium     | 23-2  | 413676.06 | 413856.36 | 410335.23 | 412622.55  | 0.48    | ppb   |
| Strontium  | 86-1  | 1443.51   | 1428.56   | 1435.38   | 1435.82    | 0.52    | ppb   |
| Strontium  | 88-1  | 1471.45   | 1457.38   | 1467.19   | 1465.34    | 0.49    | ppb   |
| Sulfur     | 34-1  | 13101.32  | 12760.87  | 13071.96  | 12978.05   | 1.45    | ppb   |
| Terbium    | 159-1 |           |           |           |            |         | %     |
| Terbium    | 159-2 |           |           |           |            |         | %     |
| Thallium   | 203-1 | 0.15      | 0.14      | 0.13      | 0.14       | 8.18    | ppb   |
| Thallium   | 205-1 | 0.15      | 0.15      | 0.16      | 0.15       | 1.66    | ppb   |
| Tin        | 118-1 | 3.34      | 3.30      | 3.13      | 3.26       | 3.38    | ppb   |
| Titanium   | 47-1  | 59.83     | 57.72     | 60.53     | 59.36      | 2.46    | ppb   |
| Uranium    | 238-1 | 4.40      | 4.30      | 4.32      | 4.34       | 1.21    | ppb   |
| Vanadium   | 51-2  | 23.09     | 22.99     | 23.35     | 23.15      | 0.79    | ppb   |
| Yttrium    | 89-1  |           |           |           |            |         | %     |
| Yttrium    | 89-2  |           |           |           |            |         | %     |
| Zinc       | 66-2  | 373.43    | 374.69    | 374.17    | 374.10     | 0.17    | ppb   |
| Zirconium  | 90-1  | 0.76      | 0.69      | 0.74      | 0.73       | 4.81    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-04            | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0438            | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 16:08:13 | DataFile Name :   | 067SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 1.02    | 0.75    | 0.71    | 0.82       | 20.81   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-05            | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0435            | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 16:11:48 | DataFile Name :   | 068SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 45.50     | 39.32     | 41.79     | 42.20      | 7.37    | ppb   |
| Antimony   | 121-1 | 1.13      | 1.07      | 1.09      | 1.10       | 2.60    | ppb   |
| Arsenic    | 75-2  | 57.49     | 60.09     | 58.84     | 58.80      | 2.21    | ppb   |
| Barium     | 135-1 | 60.00     | 59.31     | 59.47     | 59.59      | 0.60    | ppb   |
| Barium     | 137-1 | 60.44     | 59.40     | 59.79     | 59.88      | 0.88    | ppb   |
| Beryllium  | 9-1   | 0.14      | 0.09      | 0.14      | 0.12       | 22.06   | ppb   |
| Bismuth    | 209-1 |           |           |           |            |         | %     |
| Bismuth    | 209-2 |           |           |           |            |         | %     |
| Boron      | 10-1  | 52.61     | 52.20     | 49.09     | 51.30      | 3.75    | ppb   |
| Boron      | 11-1  | 52.45     | 53.52     | 52.61     | 52.86      | 1.09    | ppb   |
| Cadmium    | 111-1 | 0.00      | -0.05     | -0.06     | -0.04      |         | ppb   |
| Cadmium    | 106-1 | -1.35     | -2.48     | -2.54     | -2.12      |         | ppb   |
| Cadmium    | 108-1 | 0.16      | 0.14      | 0.19      | 0.16       | 14.53   | ppb   |
| Calcium    | 43-1  | 147032.47 | 147644.71 | 147510.85 | 147396.01  | 0.22    | ppb   |
| Calcium    | 44-1  | 151286.00 | 151098.08 | 150474.40 | 150952.83  | 0.28    | ppb   |
| Chromium   | 52-2  | 0.72      | 0.60      | 0.68      | 0.66       | 9.16    | ppb   |
| Cobalt     | 59-2  | 1.14      | 1.27      | 1.24      | 1.22       | 5.87    | ppb   |
| Copper     | 63-2  | 6.06      | 5.97      | 6.20      | 6.08       | 1.96    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           |            |         | %     |
| Holmium    | 165-2 |           |           |           |            |         | %     |
| Indium     | 115-1 |           |           |           |            |         | %     |
| Indium     | 115-2 |           |           |           |            |         | %     |
| Iron       | 56-2  | 3065.50   | 3075.89   | 3031.51   | 3057.63    | 0.76    | ppb   |
| Iron       | 57-2  | 3143.89   | 3179.88   | 3119.23   | 3147.67    | 0.97    | ppb   |
| Lead       | 206-1 | 0.44      | 0.47      | 0.48      | 0.46       | 4.57    | ppb   |
| Lead       | 207-1 | 0.43      | 0.42      | 0.42      | 0.43       | 1.92    | ppb   |
| Lead       | 208-1 | 0.43      | 0.43      | 0.45      | 0.44       | 2.62    | ppb   |
| Lithium    | 6-1   |           |           |           |            |         | %     |
| Magnesium  | 24-2  | 60172.76  | 60228.69  | 59599.33  | 60000.26   | 0.58    | ppb   |
| Manganese  | 55-2  | 1179.32   | 1176.98   | 1163.77   | 1173.36    | 0.71    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-05            | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0435            | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 16:11:48 | DataFile Name :   | 068SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.95      | 1.10      | 1.02      | 1.02       | 7.29    | ppb   |
| Molybdenum | 95-1  | 1.17      | 1.09      | 1.18      | 1.15       | 4.05    | ppb   |
| Molybdenum | 96-1  | 1.18      | 1.18      | 1.14      | 1.17       | 2.07    | ppb   |
| Molybdenum | 97-1  | 1.27      | 1.03      | 1.15      | 1.15       | 10.63   | ppb   |
| Molybdenum | 98-1  | 1.23      | 1.17      | 1.17      | 1.19       | 2.72    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 2.97      | 2.84      | 2.96      | 2.93       | 2.49    | ppb   |
| Phosphorus | 31-2  | 27.54     | 8.16      | 18.75     | 18.15      | 53.47   | ppb   |
| Potassium  | 39-2  | 11785.85  | 11870.72  | 11736.89  | 11797.82   | 0.57    | ppb   |
| Rhodium    | 103-1 |           |           |           |            |         | %     |
| Rhodium    | 103-2 |           |           |           |            |         | %     |
| Scandium   | 45-1  |           |           |           |            |         | %     |
| Scandium   | 45-2  |           |           |           |            |         | %     |
| Selenium   | 77-2  | 0.53      | 0.53      | 1.23      | 0.76       | 53.10   | ppb   |
| Selenium   | 78-2  | -0.03     | -1.07     | 1.10      | 0.00       |         | ppb   |
| Selenium   | 82-1  | 0.15      | 0.69      | 0.56      | 0.47       | 60.31   | ppb   |
| Silicon    | 28-1  | 9249.27   | 9250.19   | 9215.93   | 9238.46    | 0.21    | ppb   |
| Silver     | 109-1 | 0.31      | 0.29      | 0.30      | 0.30       | 2.92    | ppb   |
| Silver     | 107-1 | 0.34      | 0.32      | 0.28      | 0.31       | 9.71    | ppb   |
| Sodium     | 23-2  | 413945.57 | 414218.03 | 409769.52 | 412644.37  | 0.60    | ppb   |
| Strontium  | 86-1  | 1084.98   | 1057.96   | 1069.57   | 1070.84    | 1.27    | ppb   |
| Strontium  | 88-1  | 1102.83   | 1092.98   | 1095.86   | 1097.23    | 0.46    | ppb   |
| Sulfur     | 34-1  | 5409.09   | 5406.49   | 5395.38   | 5403.66    | 0.13    | ppb   |
| Terbium    | 159-1 |           |           |           |            |         | %     |
| Terbium    | 159-2 |           |           |           |            |         | %     |
| Thallium   | 203-1 | 0.04      | 0.03      | 0.02      | 0.03       | 28.55   | ppb   |
| Thallium   | 205-1 | 0.03      | 0.03      | 0.03      | 0.03       | 4.50    | ppb   |
| Tin        | 118-1 | 2.00      | 1.96      | 2.01      | 1.99       | 1.40    | ppb   |
| Titanium   | 47-1  | 2.43      | 2.49      | 2.34      | 2.42       | 3.12    | ppb   |
| Uranium    | 238-1 | 1.08      | 1.12      | 1.09      | 1.10       | 1.71    | ppb   |
| Vanadium   | 51-2  | 0.35      | 0.38      | 0.37      | 0.37       | 4.03    | ppb   |
| Yttrium    | 89-1  |           |           |           |            |         | %     |
| Yttrium    | 89-2  |           |           |           |            |         | %     |
| Zinc       | 66-2  | 13.25     | 12.76     | 12.96     | 12.99      | 1.88    | ppb   |
| Zirconium  | 90-1  | 0.14      | 0.14      | 0.14      | 0.14       | 2.72    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-05            | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0435            | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 16:11:48 | DataFile Name :   | 068SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.16    | 0.15    | 0.15    | 0.15       | 3.59    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-06            | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-EB-2017-3       | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 16:15:22 | DataFile Name :   | 069SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 2.23    | 0.97    | 1.82    | 1.67       | 38.44   | ppb   |
| Antimony   | 121-1 | 1.08    | 1.08    | 1.13    | 1.09       | 2.64    | ppb   |
| Arsenic    | 75-2  | 0.16    | 0.16    | 0.21    | 0.18       | 15.89   | ppb   |
| Barium     | 135-1 | 0.19    | 0.21    | 0.24    | 0.21       | 13.27   | ppb   |
| Barium     | 137-1 | 0.18    | 0.24    | 0.21    | 0.21       | 14.46   | ppb   |
| Beryllium  | 9-1   | 0.11    | 0.10    | 0.07    | 0.09       | 24.43   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 20.16   | 16.70   | 20.98   | 19.28      | 11.78   | ppb   |
| Boron      | 11-1  | 19.77   | 19.30   | 19.00   | 19.36      | 1.99    | ppb   |
| Cadmium    | 111-1 | -0.17   | -0.18   | -0.26   | -0.20      |         | ppb   |
| Cadmium    | 106-1 | -2.64   | -2.98   | -3.90   | -3.18      |         | ppb   |
| Cadmium    | 108-1 | 0.09    | 0.06    | -0.01   | 0.05       | 103.22  | ppb   |
| Calcium    | 43-1  | 37.51   | 39.95   | 38.72   | 38.73      | 3.16    | ppb   |
| Calcium    | 44-1  | 31.56   | 27.46   | 29.00   | 29.34      | 7.06    | ppb   |
| Chromium   | 52-2  | 0.21    | 0.15    | 0.13    | 0.16       | 25.93   | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.02    | 0.01       | 40.88   | ppb   |
| Copper     | 63-2  | 6.11    | 6.20    | 6.38    | 6.23       | 2.28    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 5.29    | 5.38    | 5.47    | 5.38       | 1.66    | ppb   |
| Iron       | 57-2  | 4.36    | 4.26    | 4.96    | 4.53       | 8.33    | ppb   |
| Lead       | 206-1 | 0.20    | 0.22    | 0.19    | 0.20       | 5.77    | ppb   |
| Lead       | 207-1 | 0.20    | 0.17    | 0.19    | 0.19       | 9.02    | ppb   |
| Lead       | 208-1 | 0.20    | 0.19    | 0.19    | 0.19       | 1.76    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 2.32    | 2.67    | 2.61    | 2.53       | 7.23    | ppb   |
| Manganese  | 55-2  | 0.58    | 0.57    | 0.65    | 0.60       | 7.83    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-06            | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-EB-2017-3       | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 16:15:22 | DataFile Name :   | 069SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.21     | 0.16     | 0.15     | 0.17       | 20.42   | ppb   |
| Molybdenum | 95-1  | 0.19     | 0.17     | 0.19     | 0.18       | 6.38    | ppb   |
| Molybdenum | 96-1  | 0.17     | 0.16     | 0.20     | 0.18       | 12.16   | ppb   |
| Molybdenum | 97-1  | 0.21     | 0.17     | 0.18     | 0.19       | 10.50   | ppb   |
| Molybdenum | 98-1  | 0.19     | 0.17     | 0.18     | 0.18       | 4.97    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.24     | 0.19     | 0.26     | 0.23       | 14.82   | ppb   |
| Phosphorus | 31-2  | -2.41    | 11.81    | -13.60   | -1.40      |         | ppb   |
| Potassium  | 39-2  | 30.99    | 32.98    | 43.78    | 35.91      | 19.16   | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 3.39     | 0.54     | 0.53     | 1.49       | 111.02  | ppb   |
| Selenium   | 78-2  | 0.35     | 1.18     | 0.32     | 0.61       | 79.14   | ppb   |
| Selenium   | 82-1  | 0.51     | -0.28    | 0.22     | 0.15       | 268.35  | ppb   |
| Silicon    | 28-1  | 756.07   | 747.17   | 752.39   | 751.88     | 0.60    | ppb   |
| Silver     | 109-1 | 0.37     | 0.33     | 0.31     | 0.34       | 9.53    | ppb   |
| Silver     | 107-1 | 0.34     | 0.34     | 0.31     | 0.33       | 4.17    | ppb   |
| Sodium     | 23-2  | 247.04   | 250.77   | 255.82   | 251.21     | 1.75    | ppb   |
| Strontium  | 86-1  | 0.16     | 0.11     | 0.11     | 0.13       | 22.04   | ppb   |
| Strontium  | 88-1  | 0.13     | 0.14     | 0.14     | 0.13       | 4.31    | ppb   |
| Sulfur     | 34-1  | -1118.44 | -1253.37 | -1231.11 | -1200.98   |         | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.01     | 0.02     | 0.02     | 0.02       | 24.27   | ppb   |
| Thallium   | 205-1 | 0.02     | 0.02     | 0.02     | 0.02       | 15.31   | ppb   |
| Tin        | 118-1 | 1.43     | 1.54     | 1.48     | 1.49       | 3.84    | ppb   |
| Titanium   | 47-1  | 0.21     | 0.16     | 0.23     | 0.20       | 17.61   | ppb   |
| Uranium    | 238-1 | 0.01     | 0.00     | 0.00     | 0.00       | 69.35   | ppb   |
| Vanadium   | 51-2  | 0.16     | 0.13     | 0.13     | 0.14       | 12.91   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 7.72     | 7.33     | 8.58     | 7.87       | 8.10    | ppb   |
| Zirconium  | 90-1  | 0.03     | 0.02     | 0.03     | 0.03       | 4.12    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-06            | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-EB-2017-3       | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 16:15:22 | DataFile Name :   | 069SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.02    | 0.03    | 0.02       | 53.35   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-07            | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0436            | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 16:18:53 | DataFile Name :   | 070SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 18.40     | 17.96     | 17.90     | 18.09      | 1.52    | ppb   |
| Antimony   | 121-1 | 0.97      | 0.88      | 0.90      | 0.91       | 5.47    | ppb   |
| Arsenic    | 75-2  | 181.70    | 181.48    | 181.60    | 181.59     | 0.06    | ppb   |
| Barium     | 135-1 | 534.06    | 526.20    | 529.91    | 530.06     | 0.74    | ppb   |
| Barium     | 137-1 | 539.35    | 531.54    | 537.50    | 536.13     | 0.76    | ppb   |
| Beryllium  | 9-1   | 0.12      | 0.05      | 0.09      | 0.09       | 35.58   | ppb   |
| Bismuth    | 209-1 |           |           |           |            |         | %     |
| Bismuth    | 209-2 |           |           |           |            |         | %     |
| Boron      | 10-1  | 26.38     | 26.57     | 23.20     | 25.38      | 7.47    | ppb   |
| Boron      | 11-1  | 26.52     | 25.11     | 24.54     | 25.39      | 4.01    | ppb   |
| Cadmium    | 111-1 | -0.13     | -0.07     | -0.13     | -0.11      |         | ppb   |
| Cadmium    | 106-1 | -2.44     | -1.56     | -2.73     | -2.24      |         | ppb   |
| Cadmium    | 108-1 | 0.22      | 0.09      | 0.07      | 0.12       | 64.76   | ppb   |
| Calcium    | 43-1  | 101582.26 | 100721.33 | 100636.18 | 100979.92  | 0.52    | ppb   |
| Calcium    | 44-1  | 103263.61 | 102915.62 | 103195.16 | 103124.80  | 0.18    | ppb   |
| Chromium   | 52-2  | 1.75      | 1.72      | 1.70      | 1.72       | 1.37    | ppb   |
| Cobalt     | 59-2  | 17.49     | 17.67     | 17.74     | 17.63      | 0.73    | ppb   |
| Copper     | 63-2  | 5.73      | 5.47      | 5.87      | 5.69       | 3.62    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           |            |         | %     |
| Holmium    | 165-2 |           |           |           |            |         | %     |
| Indium     | 115-1 |           |           |           |            |         | %     |
| Indium     | 115-2 |           |           |           |            |         | %     |
| Iron       | 56-2  | 56989.70  | 56291.54  | 56538.61  | 56606.62   | 0.63    | ppb   |
| Iron       | 57-2  | 55684.93  | 55728.40  | 56007.55  | 55806.96   | 0.31    | ppb   |
| Lead       | 206-1 | 0.31      | 0.36      | 0.33      | 0.33       | 8.55    | ppb   |
| Lead       | 207-1 | 0.34      | 0.32      | 0.31      | 0.32       | 5.14    | ppb   |
| Lead       | 208-1 | 0.33      | 0.34      | 0.33      | 0.33       | 1.77    | ppb   |
| Lithium    | 6-1   |           |           |           |            |         | %     |
| Magnesium  | 24-2  | 19691.65  | 19674.40  | 19771.78  | 19712.61   | 0.26    | ppb   |
| Manganese  | 55-2  | 14570.07  | 14438.93  | 14464.85  | 14491.28   | 0.48    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-07            | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0436            | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 16:18:53 | DataFile Name :   | 070SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 2.17      | 2.17      | 2.14      | 2.16       | 0.73    | ppb   |
| Molybdenum | 95-1  | 2.87      | 2.94      | 2.97      | 2.93       | 1.85    | ppb   |
| Molybdenum | 96-1  | 2.98      | 2.94      | 2.89      | 2.94       | 1.46    | ppb   |
| Molybdenum | 97-1  | 2.92      | 2.87      | 2.84      | 2.88       | 1.44    | ppb   |
| Molybdenum | 98-1  | 2.77      | 2.79      | 2.79      | 2.78       | 0.54    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 6.02      | 5.84      | 5.97      | 5.95       | 1.52    | ppb   |
| Phosphorus | 31-2  | 67.18     | 35.98     | 52.34     | 51.83      | 30.11   | ppb   |
| Potassium  | 39-2  | 6299.64   | 6210.38   | 6255.56   | 6255.19    | 0.71    | ppb   |
| Rhodium    | 103-1 |           |           |           |            |         | %     |
| Rhodium    | 103-2 |           |           |           |            |         | %     |
| Scandium   | 45-1  |           |           |           |            |         | %     |
| Scandium   | 45-2  |           |           |           |            |         | %     |
| Selenium   | 77-2  | 1.94      | 0.52      | 4.70      | 2.39       | 88.86   | ppb   |
| Selenium   | 78-2  | 0.32      | 0.42      | -0.29     | 0.15       | 254.25  | ppb   |
| Selenium   | 82-1  | 0.00      | 0.34      | 0.04      | 0.13       | 143.92  | ppb   |
| Silicon    | 28-1  | 7597.08   | 7580.78   | 7570.57   | 7582.81    | 0.18    | ppb   |
| Silver     | 109-1 | 0.27      | 0.23      | 0.22      | 0.24       | 11.39   | ppb   |
| Silver     | 107-1 | 0.27      | 0.27      | 0.23      | 0.26       | 8.85    | ppb   |
| Sodium     | 23-2  | 711726.67 | 703001.38 | 708669.01 | 707799.02  | 0.63    | ppb   |
| Strontium  | 86-1  | 719.37    | 710.96    | 712.89    | 714.41     | 0.62    | ppb   |
| Strontium  | 88-1  | 729.84    | 727.97    | 729.68    | 729.16     | 0.14    | ppb   |
| Sulfur     | 34-1  | -391.74   | -410.75   | -486.33   | -429.61    |         | ppb   |
| Terbium    | 159-1 |           |           |           |            |         | %     |
| Terbium    | 159-2 |           |           |           |            |         | %     |
| Thallium   | 203-1 | 0.01      | 0.01      | 0.03      | 0.01       | 71.53   | ppb   |
| Thallium   | 205-1 | 0.01      | 0.01      | 0.01      | 0.01       | 26.45   | ppb   |
| Tin        | 118-1 | 1.27      | 1.30      | 1.30      | 1.29       | 1.45    | ppb   |
| Titanium   | 47-1  | 1.42      | 1.32      | 1.27      | 1.34       | 5.83    | ppb   |
| Uranium    | 238-1 | 0.34      | 0.33      | 0.32      | 0.33       | 2.21    | ppb   |
| Vanadium   | 51-2  | 0.54      | 0.52      | 0.56      | 0.54       | 4.12    | ppb   |
| Yttrium    | 89-1  |           |           |           |            |         | %     |
| Yttrium    | 89-2  |           |           |           |            |         | %     |
| Zinc       | 66-2  | 16.78     | 16.37     | 16.78     | 16.64      | 1.42    | ppb   |
| Zirconium  | 90-1  | 0.14      | 0.12      | 0.17      | 0.14       | 15.60   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-07            | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0436            | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 16:18:53 | DataFile Name :   | 070SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.19    | 0.14    | 0.19    | 0.17       | 18.40   | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-08            | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0437            | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 16:22:27 | DataFile Name :   | 071SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 15.93     | 17.95     | 17.38     | 17.09      | 6.12    | ppb   |
| Antimony   | 121-1 | 0.83      | 0.90      | 0.86      | 0.86       | 3.86    | ppb   |
| Arsenic    | 75-2  | 185.10    | 184.93    | 187.35    | 185.79     | 0.73    | ppb   |
| Barium     | 135-1 | 546.65    | 548.30    | 548.90    | 547.95     | 0.21    | ppb   |
| Barium     | 137-1 | 553.04    | 554.46    | 552.42    | 553.31     | 0.19    | ppb   |
| Beryllium  | 9-1   | 0.11      | 0.10      | 0.10      | 0.10       | 6.46    | ppb   |
| Bismuth    | 209-1 |           |           |           |            |         | %     |
| Bismuth    | 209-2 |           |           |           |            |         | %     |
| Boron      | 10-1  | 24.98     | 23.57     | 25.66     | 24.73      | 4.31    | ppb   |
| Boron      | 11-1  | 24.06     | 24.77     | 24.34     | 24.39      | 1.46    | ppb   |
| Cadmium    | 111-1 | -0.12     | -0.14     | -0.11     | -0.12      |         | ppb   |
| Cadmium    | 106-1 | -2.21     | -2.57     | -1.96     | -2.25      |         | ppb   |
| Cadmium    | 108-1 | 0.12      | 0.02      | 0.09      | 0.07       | 68.27   | ppb   |
| Calcium    | 43-1  | 103265.35 | 103472.87 | 103674.35 | 103470.86  | 0.20    | ppb   |
| Calcium    | 44-1  | 105165.50 | 105160.71 | 106384.66 | 105570.29  | 0.67    | ppb   |
| Chromium   | 52-2  | 0.98      | 1.09      | 0.94      | 1.00       | 7.97    | ppb   |
| Cobalt     | 59-2  | 18.03     | 18.13     | 17.96     | 18.04      | 0.46    | ppb   |
| Copper     | 63-2  | 5.21      | 5.40      | 5.45      | 5.36       | 2.37    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           |            |         | %     |
| Holmium    | 165-2 |           |           |           |            |         | %     |
| Indium     | 115-1 |           |           |           |            |         | %     |
| Indium     | 115-2 |           |           |           |            |         | %     |
| Iron       | 56-2  | 56659.94  | 57013.61  | 57459.96  | 57044.50   | 0.70    | ppb   |
| Iron       | 57-2  | 55792.34  | 56202.08  | 56462.41  | 56152.28   | 0.60    | ppb   |
| Lead       | 206-1 | 0.30      | 0.33      | 0.35      | 0.33       | 7.02    | ppb   |
| Lead       | 207-1 | 0.28      | 0.29      | 0.31      | 0.29       | 4.02    | ppb   |
| Lead       | 208-1 | 0.30      | 0.31      | 0.32      | 0.31       | 3.48    | ppb   |
| Lithium    | 6-1   |           |           |           |            |         | %     |
| Magnesium  | 24-2  | 19921.53  | 19968.34  | 20119.05  | 20002.97   | 0.52    | ppb   |
| Manganese  | 55-2  | 14457.47  | 14505.93  | 14616.27  | 14526.56   | 0.56    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-08            | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0437            | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 16:22:27 | DataFile Name :   | 071SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 2.15      | 2.03      | 2.05      | 2.08       | 2.96    | ppb   |
| Molybdenum | 95-1  | 3.00      | 2.78      | 2.94      | 2.91       | 3.88    | ppb   |
| Molybdenum | 96-1  | 2.81      | 2.98      | 2.78      | 2.85       | 3.82    | ppb   |
| Molybdenum | 97-1  | 2.68      | 2.71      | 2.74      | 2.71       | 1.00    | ppb   |
| Molybdenum | 98-1  | 2.75      | 2.65      | 2.67      | 2.69       | 1.94    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 5.31      | 5.59      | 5.61      | 5.50       | 3.01    | ppb   |
| Phosphorus | 31-2  | 8.16      | 19.08     | 35.91     | 21.05      | 66.42   | ppb   |
| Potassium  | 39-2  | 6305.72   | 6308.87   | 6342.45   | 6319.01    | 0.32    | ppb   |
| Rhodium    | 103-1 |           |           |           |            |         | %     |
| Rhodium    | 103-2 |           |           |           |            |         | %     |
| Scandium   | 45-1  |           |           |           |            |         | %     |
| Scandium   | 45-2  |           |           |           |            |         | %     |
| Selenium   | 77-2  | 2.64      | 4.03      | 1.92      | 2.86       | 37.52   | ppb   |
| Selenium   | 78-2  | 0.31      | 0.64      | 0.97      | 0.64       | 51.60   | ppb   |
| Selenium   | 82-1  | -0.02     | 0.19      | -0.14     | 0.01       | 1621.30 | ppb   |
| Silicon    | 28-1  | 7732.19   | 7728.17   | 7808.93   | 7756.43    | 0.59    | ppb   |
| Silver     | 109-1 | 0.23      | 0.22      | 0.21      | 0.22       | 4.51    | ppb   |
| Silver     | 107-1 | 0.24      | 0.23      | 0.21      | 0.23       | 5.60    | ppb   |
| Sodium     | 23-2  | 716039.65 | 715534.51 | 724050.92 | 718541.69  | 0.66    | ppb   |
| Strontium  | 86-1  | 726.61    | 723.83    | 728.26    | 726.23     | 0.31    | ppb   |
| Strontium  | 88-1  | 746.61    | 744.36    | 746.20    | 745.73     | 0.16    | ppb   |
| Sulfur     | 34-1  | -408.92   | -479.39   | -411.25   | -433.19    |         | ppb   |
| Terbium    | 159-1 |           |           |           |            |         | %     |
| Terbium    | 159-2 |           |           |           |            |         | %     |
| Thallium   | 203-1 | 0.01      | 0.01      | 0.01      | 0.01       | 32.12   | ppb   |
| Thallium   | 205-1 | 0.01      | 0.01      | 0.01      | 0.01       | 20.78   | ppb   |
| Tin        | 118-1 | 1.13      | 1.21      | 1.17      | 1.17       | 3.60    | ppb   |
| Titanium   | 47-1  | 1.04      | 1.03      | 1.24      | 1.10       | 10.68   | ppb   |
| Uranium    | 238-1 | 0.32      | 0.32      | 0.30      | 0.31       | 4.34    | ppb   |
| Vanadium   | 51-2  | 0.50      | 0.48      | 0.49      | 0.49       | 2.12    | ppb   |
| Yttrium    | 89-1  |           |           |           |            |         | %     |
| Yttrium    | 89-2  |           |           |           |            |         | %     |
| Zinc       | 66-2  | 17.02     | 17.16     | 17.33     | 17.17      | 0.92    | ppb   |
| Zirconium  | 90-1  | 0.13      | 0.12      | 0.13      | 0.13       | 2.25    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-08            | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0437            | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 16:22:27 | DataFile Name :   | 071SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.18    | 0.19    | 0.17    | 0.18       | 7.43    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-01DLX20       | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0443DL          | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-11-10 16:26:02 | DataFile Name :   | 072SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 31.86    | 31.12    | 27.22    | 30.07      | 8.29    | ppb   |
| Antimony   | 121-1 | 0.19     | 0.16     | 0.16     | 0.17       | 9.30    | ppb   |
| Arsenic    | 75-2  | 2.73     | 2.49     | 2.85     | 2.69       | 6.89    | ppb   |
| Barium     | 135-1 | 6.77     | 6.47     | 6.70     | 6.65       | 2.39    | ppb   |
| Barium     | 137-1 | 6.73     | 6.53     | 6.50     | 6.59       | 1.93    | ppb   |
| Beryllium  | 9-1   | 0.06     | 0.10     | 0.03     | 0.06       | 57.56   | ppb   |
| Bismuth    | 209-1 |          |          |          |            |         | %     |
| Bismuth    | 209-2 |          |          |          |            |         | %     |
| Boron      | 10-1  | 5.86     | 6.13     | 5.68     | 5.89       | 3.82    | ppb   |
| Boron      | 11-1  | 7.07     | 6.96     | 5.84     | 6.62       | 10.29   | ppb   |
| Cadmium    | 111-1 | -0.17    | -0.16    | -0.13    | -0.15      |         | ppb   |
| Cadmium    | 106-1 | -2.73    | -2.47    | -2.16    | -2.45      |         | ppb   |
| Cadmium    | 108-1 | 0.01     | 0.08     | 0.04     | 0.05       | 76.89   | ppb   |
| Calcium    | 43-1  | 10361.85 | 10096.55 | 10264.42 | 10240.94   | 1.31    | ppb   |
| Calcium    | 44-1  | 10499.34 | 10326.87 | 10386.77 | 10404.33   | 0.84    | ppb   |
| Chromium   | 52-2  | 0.19     | 0.20     | 0.20     | 0.20       | 3.20    | ppb   |
| Cobalt     | 59-2  | 0.03     | 0.02     | 0.01     | 0.02       | 49.60   | ppb   |
| Copper     | 63-2  | 1.38     | 1.38     | 1.35     | 1.37       | 1.48    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          |            |         | %     |
| Holmium    | 165-2 |          |          |          |            |         | %     |
| Indium     | 115-1 |          |          |          |            |         | %     |
| Indium     | 115-2 |          |          |          |            |         | %     |
| Iron       | 56-2  | 413.02   | 412.34   | 410.16   | 411.84     | 0.36    | ppb   |
| Iron       | 57-2  | 422.49   | 419.31   | 420.60   | 420.80     | 0.38    | ppb   |
| Lead       | 206-1 | 0.12     | 0.15     | 0.14     | 0.14       | 12.28   | ppb   |
| Lead       | 207-1 | 0.13     | 0.11     | 0.09     | 0.11       | 20.45   | ppb   |
| Lead       | 208-1 | 0.13     | 0.13     | 0.12     | 0.12       | 4.62    | ppb   |
| Lithium    | 6-1   |          |          |          |            |         | %     |
| Magnesium  | 24-2  | 3171.71  | 3168.94  | 3137.72  | 3159.46    | 0.60    | ppb   |
| Manganese  | 55-2  | 113.74   | 115.13   | 111.89   | 113.59     | 1.43    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-01DLX20       | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0443DL          | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-11-10 16:26:02 | DataFile Name :   | 072SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.13     | 0.14     | 0.10     | 0.12       | 15.27   | ppb   |
| Molybdenum | 95-1  | 0.11     | 0.11     | 0.08     | 0.10       | 20.58   | ppb   |
| Molybdenum | 96-1  | 0.13     | 0.10     | 0.13     | 0.12       | 12.76   | ppb   |
| Molybdenum | 97-1  | 0.14     | 0.13     | 0.10     | 0.12       | 15.48   | ppb   |
| Molybdenum | 98-1  | 0.13     | 0.10     | 0.13     | 0.12       | 14.52   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.30     | 0.24     | 0.27     | 0.27       | 10.19   | ppb   |
| Phosphorus | 31-2  | -4.22    | 8.69     | -6.93    | -0.82      |         | ppb   |
| Potassium  | 39-2  | 442.17   | 454.86   | 440.65   | 445.89     | 1.75    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | -0.18    | -0.18    | 0.47     | 0.04       | 981.69  | ppb   |
| Selenium   | 78-2  | 0.62     | 1.18     | 0.39     | 0.73       | 55.35   | ppb   |
| Selenium   | 82-1  | 0.57     | -0.16    | 0.40     | 0.27       | 142.40  | ppb   |
| Silicon    | 28-1  | 414.05   | 408.55   | 408.05   | 410.22     | 0.81    | ppb   |
| Silver     | 109-1 | 0.09     | 0.10     | 0.09     | 0.10       | 6.87    | ppb   |
| Silver     | 107-1 | 0.09     | 0.09     | 0.09     | 0.09       | 4.60    | ppb   |
| Sodium     | 23-2  | 26623.57 | 26631.20 | 26343.94 | 26532.90   | 0.62    | ppb   |
| Strontium  | 86-1  | 74.31    | 73.77    | 73.82    | 73.97      | 0.40    | ppb   |
| Strontium  | 88-1  | 74.54    | 73.69    | 74.46    | 74.23      | 0.64    | ppb   |
| Sulfur     | 34-1  | -636.79  | -819.27  | -650.71  | -702.25    |         | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.00     | 0.01     | 0.01     | 0.01       | 75.21   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.01     | 0.01       | 32.72   | ppb   |
| Tin        | 118-1 | 0.08     | 0.09     | 0.11     | 0.09       | 18.81   | ppb   |
| Titanium   | 47-1  | 1.63     | 1.53     | 1.73     | 1.63       | 6.13    | ppb   |
| Uranium    | 238-1 | 0.27     | 0.25     | 0.26     | 0.26       | 5.07    | ppb   |
| Vanadium   | 51-2  | 0.10     | 0.10     | 0.11     | 0.10       | 1.76    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 3.83     | 3.61     | 3.76     | 3.73       | 3.00    | ppb   |
| Zirconium  | 90-1  | 0.02     | 0.00     | 0.00     | 0.01       | 107.29  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-01DLX20       | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0443DL          | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-11-10 16:26:02 | DataFile Name :   | 072SMPL.d |

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

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-01DUPDLX20    | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0443DUPDL       | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-11-10 16:29:35 | DataFile Name :   | 073SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 28.98    | 25.26    | 26.05    | 26.76      | 7.32    | ppb   |
| Antimony   | 121-1 | 0.16     | 0.16     | 0.13     | 0.15       | 12.43   | ppb   |
| Arsenic    | 75-2  | 2.74     | 2.86     | 2.74     | 2.78       | 2.35    | ppb   |
| Barium     | 135-1 | 6.93     | 6.55     | 6.59     | 6.69       | 3.17    | ppb   |
| Barium     | 137-1 | 6.59     | 6.62     | 6.80     | 6.67       | 1.72    | ppb   |
| Beryllium  | 9-1   | 0.09     | 0.03     | 0.06     | 0.06       | 54.40   | ppb   |
| Bismuth    | 209-1 |          |          |          |            |         | %     |
| Bismuth    | 209-2 |          |          |          |            |         | %     |
| Boron      | 10-1  | 6.25     | 6.17     | 5.11     | 5.84       | 10.91   | ppb   |
| Boron      | 11-1  | 5.74     | 6.00     | 6.75     | 6.16       | 8.54    | ppb   |
| Cadmium    | 111-1 | -0.14    | -0.13    | -0.08    | -0.11      |         | ppb   |
| Cadmium    | 106-1 | -2.28    | -2.10    | -1.48    | -1.95      |         | ppb   |
| Cadmium    | 108-1 | -0.01    | 0.02     | 0.02     | 0.01       | 162.79  | ppb   |
| Calcium    | 43-1  | 10599.27 | 10539.24 | 10662.26 | 10600.25   | 0.58    | ppb   |
| Calcium    | 44-1  | 10718.12 | 10705.56 | 10660.45 | 10694.71   | 0.28    | ppb   |
| Chromium   | 52-2  | 0.22     | 0.19     | 0.26     | 0.23       | 15.81   | ppb   |
| Cobalt     | 59-2  | 0.03     | 0.02     | 0.03     | 0.03       | 26.32   | ppb   |
| Copper     | 63-2  | 1.08     | 1.05     | 1.06     | 1.07       | 1.19    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          |            |         | %     |
| Holmium    | 165-2 |          |          |          |            |         | %     |
| Indium     | 115-1 |          |          |          |            |         | %     |
| Indium     | 115-2 |          |          |          |            |         | %     |
| Iron       | 56-2  | 416.58   | 418.56   | 416.75   | 417.30     | 0.26    | ppb   |
| Iron       | 57-2  | 423.63   | 433.65   | 438.03   | 431.77     | 1.71    | ppb   |
| Lead       | 206-1 | 0.10     | 0.13     | 0.11     | 0.11       | 11.12   | ppb   |
| Lead       | 207-1 | 0.10     | 0.09     | 0.10     | 0.10       | 3.95    | ppb   |
| Lead       | 208-1 | 0.12     | 0.10     | 0.10     | 0.11       | 7.14    | ppb   |
| Lithium    | 6-1   |          |          |          |            |         | %     |
| Magnesium  | 24-2  | 3252.82  | 3252.35  | 3262.67  | 3255.95    | 0.18    | ppb   |
| Manganese  | 55-2  | 116.22   | 116.46   | 116.89   | 116.52     | 0.29    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-01DUPDLX20    | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0443DUPDL       | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-11-10 16:29:35 | DataFile Name :   | 073SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.11     | 0.12     | 0.13     | 0.12       | 9.06    | ppb   |
| Molybdenum | 95-1  | 0.11     | 0.14     | 0.08     | 0.11       | 27.05   | ppb   |
| Molybdenum | 96-1  | 0.10     | 0.12     | 0.09     | 0.10       | 16.43   | ppb   |
| Molybdenum | 97-1  | 0.12     | 0.13     | 0.11     | 0.12       | 7.85    | ppb   |
| Molybdenum | 98-1  | 0.13     | 0.09     | 0.10     | 0.11       | 17.16   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.18     | 0.17     | 0.21     | 0.19       | 9.34    | ppb   |
| Phosphorus | 31-2  | 1.03     | 11.31    | -11.80   | 0.18       | 6418.43 | ppb   |
| Potassium  | 39-2  | 470.83   | 466.58   | 457.09   | 464.83     | 1.51    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | -0.18    | -0.18    | 0.48     | 0.04       | 907.46  | ppb   |
| Selenium   | 78-2  | 0.34     | -0.09    | 0.76     | 0.34       | 127.54  | ppb   |
| Selenium   | 82-1  | -0.01    | 0.12     | 0.60     | 0.24       | 136.49  | ppb   |
| Silicon    | 28-1  | 428.30   | 423.20   | 422.58   | 424.69     | 0.74    | ppb   |
| Silver     | 109-1 | 0.08     | 0.11     | 0.08     | 0.09       | 15.06   | ppb   |
| Silver     | 107-1 | 0.10     | 0.10     | 0.10     | 0.10       | 4.37    | ppb   |
| Sodium     | 23-2  | 27055.35 | 27353.91 | 27348.25 | 27252.50   | 0.63    | ppb   |
| Strontium  | 86-1  | 76.63    | 76.84    | 77.47    | 76.98      | 0.57    | ppb   |
| Strontium  | 88-1  | 76.60    | 76.59    | 75.98    | 76.39      | 0.47    | ppb   |
| Sulfur     | 34-1  | -500.33  | -467.48  | -502.60  | -490.14    |         | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.01     | 0.00     | 0.00     | 0.00       | 256.60  | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.00     | 0.01       | 31.48   | ppb   |
| Tin        | 118-1 | 0.08     | 0.08     | 0.09     | 0.08       | 8.75    | ppb   |
| Titanium   | 47-1  | 1.81     | 1.79     | 1.73     | 1.77       | 2.14    | ppb   |
| Uranium    | 238-1 | 0.27     | 0.27     | 0.28     | 0.27       | 3.07    | ppb   |
| Vanadium   | 51-2  | 0.10     | 0.11     | 0.10     | 0.10       | 5.24    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 2.92     | 3.28     | 3.43     | 3.21       | 8.21    | ppb   |
| Zirconium  | 90-1  | 0.00     | -0.01    | 0.02     | 0.01       | 202.64  | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-01DUPDLX20    | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0443DUPDL       | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-11-10 16:29:35 | DataFile Name :   | 073SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.02    | 0.01    | 0.01       | 88.95   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-01LDLX100     | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0443LDL         | Dilution Factor : | 100       |
| Date & Time Acquired :: | 2017-11-10 16:33:08 | DataFile Name :   | 074SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 7.19    | 7.00    | 5.83    | 6.67       | 11.03   | ppb   |
| Antimony   | 121-1 | 0.05    | 0.03    | 0.04    | 0.04       | 19.53   | ppb   |
| Arsenic    | 75-2  | 0.51    | 0.48    | 0.55    | 0.51       | 7.55    | ppb   |
| Barium     | 135-1 | 1.22    | 1.25    | 1.29    | 1.25       | 2.95    | ppb   |
| Barium     | 137-1 | 1.24    | 1.32    | 1.27    | 1.28       | 3.23    | ppb   |
| Beryllium  | 9-1   | 0.07    | 0.06    | 0.02    | 0.05       | 50.30   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.73    | 2.54    | 2.94    | 3.07       | 19.77   | ppb   |
| Boron      | 11-1  | 3.20    | 3.08    | 3.28    | 3.19       | 3.19    | ppb   |
| Cadmium    | 111-1 | -0.20   | -0.16   | -0.17   | -0.18      |         | ppb   |
| Cadmium    | 106-1 | -2.80   | -2.17   | -2.33   | -2.43      |         | ppb   |
| Cadmium    | 108-1 | 0.04    | 0.09    | 0.02    | 0.05       | 75.28   | ppb   |
| Calcium    | 43-1  | 2011.66 | 1956.83 | 1964.49 | 1977.66    | 1.50    | ppb   |
| Calcium    | 44-1  | 1996.37 | 1990.02 | 1987.67 | 1991.35    | 0.23    | ppb   |
| Chromium   | 52-2  | 0.03    | 0.03    | 0.03    | 0.03       | 5.81    | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.00    | 0.00    | 0.00       | 230.80  | ppb   |
| Copper     | 63-2  | 0.65    | 0.58    | 0.54    | 0.59       | 9.78    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 80.83   | 80.53   | 80.59   | 80.65      | 0.20    | ppb   |
| Iron       | 57-2  | 82.66   | 85.30   | 84.23   | 84.06      | 1.58    | ppb   |
| Lead       | 206-1 | 0.07    | 0.09    | 0.10    | 0.09       | 16.83   | ppb   |
| Lead       | 207-1 | 0.08    | 0.06    | 0.06    | 0.06       | 14.77   | ppb   |
| Lead       | 208-1 | 0.07    | 0.08    | 0.08    | 0.08       | 10.04   | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 614.90  | 611.76  | 617.61  | 614.76     | 0.48    | ppb   |
| Manganese  | 55-2  | 22.50   | 22.41   | 22.43   | 22.45      | 0.19    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-01LDLX100     | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0443LDL         | Dilution Factor : | 100       |
| Date & Time Acquired :: | 2017-11-10 16:33:08 | DataFile Name :   | 074SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.05    | 0.04    | 0.04    | 0.04       | 12.99   | ppb   |
| Molybdenum | 95-1  | 0.04    | 0.06    | 0.06    | 0.05       | 23.98   | ppb   |
| Molybdenum | 96-1  | 0.08    | 0.08    | 0.04    | 0.06       | 38.11   | ppb   |
| Molybdenum | 97-1  | 0.05    | 0.07    | 0.07    | 0.06       | 19.52   | ppb   |
| Molybdenum | 98-1  | 0.06    | 0.08    | 0.07    | 0.07       | 16.38   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.18    | 0.23    | 0.16    | 0.19       | 18.03   | ppb   |
| Phosphorus | 31-2  | -9.14   | -1.53   | -4.13   | -4.93      |         | ppb   |
| Potassium  | 39-2  | 88.00   | 94.36   | 94.13   | 92.16      | 3.92    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.18   | 0.48    | -0.18   | 0.04       | 917.84  | ppb   |
| Selenium   | 78-2  | 0.65    | -0.21   | 0.13    | 0.19       | 225.31  | ppb   |
| Selenium   | 82-1  | 0.81    | 0.62    | 0.68    | 0.70       | 13.58   | ppb   |
| Silicon    | 28-1  | 76.75   | 75.33   | 75.99   | 76.02      | 0.94    | ppb   |
| Silver     | 109-1 | 0.07    | 0.06    | 0.06    | 0.06       | 4.48    | ppb   |
| Silver     | 107-1 | 0.07    | 0.06    | 0.07    | 0.07       | 2.64    | ppb   |
| Sodium     | 23-2  | 5130.41 | 5051.61 | 5057.21 | 5079.74    | 0.87    | ppb   |
| Strontium  | 86-1  | 14.68   | 14.60   | 14.60   | 14.63      | 0.32    | ppb   |
| Strontium  | 88-1  | 14.34   | 14.11   | 14.10   | 14.18      | 0.96    | ppb   |
| Sulfur     | 34-1  | -937.72 | -861.38 | -889.05 | -896.05    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.01    | 0.00    | 0.01       | 82.69   | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.01    | 0.00       | 41.31   | ppb   |
| Tin        | 118-1 | 0.04    | 0.03    | 0.02    | 0.03       | 25.53   | ppb   |
| Titanium   | 47-1  | 0.34    | 0.50    | 0.37    | 0.40       | 21.47   | ppb   |
| Uranium    | 238-1 | 0.06    | 0.05    | 0.05    | 0.05       | 10.28   | ppb   |
| Vanadium   | 51-2  | 0.03    | 0.04    | 0.03    | 0.03       | 11.93   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 1.55    | 1.86    | 1.13    | 1.51       | 24.27   | ppb   |
| Zirconium  | 90-1  | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-01LDLX100     | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0443LDL         | Dilution Factor : | 100       |
| Date & Time Acquired :: | 2017-11-10 16:33:08 | DataFile Name :   | 074SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.00    | -0.01   | 0.00       | 635.81  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-02DLX20       | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0443MSDL        | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-11-10 16:36:40 | DataFile Name :   | 075SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 525.47   | 520.63   | 513.84   | 519.98     | 1.12    | ppb   |
| Antimony   | 121-1 | 25.14    | 24.88    | 24.52    | 24.85      | 1.24    | ppb   |
| Arsenic    | 75-2  | 29.57    | 29.35    | 30.40    | 29.77      | 1.86    | ppb   |
| Barium     | 135-1 | 125.66   | 125.31   | 125.08   | 125.35     | 0.23    | ppb   |
| Barium     | 137-1 | 125.44   | 125.60   | 125.32   | 125.45     | 0.11    | ppb   |
| Beryllium  | 9-1   | 26.57    | 26.87    | 26.57    | 26.67      | 0.66    | ppb   |
| Bismuth    | 209-1 |          |          |          |            |         | %     |
| Bismuth    | 209-2 |          |          |          |            |         | %     |
| Boron      | 10-1  | 27.90    | 29.50    | 28.98    | 28.80      | 2.83    | ppb   |
| Boron      | 11-1  | 30.09    | 29.46    | 31.39    | 30.31      | 3.24    | ppb   |
| Cadmium    | 111-1 | 24.96    | 25.21    | 25.75    | 25.31      | 1.61    | ppb   |
| Cadmium    | 106-1 | 22.97    | 22.10    | 23.83    | 22.96      | 3.77    | ppb   |
| Cadmium    | 108-1 | 25.72    | 24.44    | 24.98    | 25.05      | 2.56    | ppb   |
| Calcium    | 43-1  | 13655.97 | 13610.92 | 13519.71 | 13595.54   | 0.51    | ppb   |
| Calcium    | 44-1  | 13987.03 | 13974.36 | 13953.96 | 13971.78   | 0.12    | ppb   |
| Chromium   | 52-2  | 28.12    | 28.28    | 28.52    | 28.30      | 0.71    | ppb   |
| Cobalt     | 59-2  | 28.70    | 28.86    | 28.77    | 28.78      | 0.28    | ppb   |
| Copper     | 63-2  | 57.89    | 57.75    | 58.10    | 57.91      | 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 |          |          |          |            |         | %     |
| Holmium    | 165-2 |          |          |          |            |         | %     |
| Indium     | 115-1 |          |          |          |            |         | %     |
| Indium     | 115-2 |          |          |          |            |         | %     |
| Iron       | 56-2  | 1777.81  | 1784.20  | 1792.77  | 1784.93    | 0.42    | ppb   |
| Iron       | 57-2  | 1820.35  | 1819.76  | 1825.56  | 1821.89    | 0.18    | ppb   |
| Lead       | 206-1 | 25.59    | 25.38    | 25.25    | 25.41      | 0.68    | ppb   |
| Lead       | 207-1 | 25.41    | 25.14    | 25.05    | 25.20      | 0.75    | ppb   |
| Lead       | 208-1 | 25.33    | 25.14    | 25.10    | 25.19      | 0.48    | ppb   |
| Lithium    | 6-1   |          |          |          |            |         | %     |
| Magnesium  | 24-2  | 6162.97  | 6172.85  | 6198.90  | 6178.24    | 0.30    | ppb   |
| Manganese  | 55-2  | 172.29   | 172.87   | 172.32   | 172.49     | 0.19    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-02DLX20       | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0443MSDL        | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-11-10 16:36:40 | DataFile Name :   | 075SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 121.27   | 122.05   | 122.00   | 121.77     | 0.36    | ppb   |
| Molybdenum | 95-1  | 121.81   | 123.60   | 123.04   | 122.82     | 0.75    | ppb   |
| Molybdenum | 96-1  | 122.68   | 122.96   | 122.23   | 122.62     | 0.30    | ppb   |
| Molybdenum | 97-1  | 121.45   | 122.59   | 122.48   | 122.17     | 0.52    | ppb   |
| Molybdenum | 98-1  | 122.39   | 122.45   | 123.21   | 122.68     | 0.37    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 29.17    | 30.30    | 29.79    | 29.75      | 1.91    | ppb   |
| Phosphorus | 31-2  | 3.71     | 3.78     | 6.49     | 4.66       | 34.00   | ppb   |
| Potassium  | 39-2  | 1704.75  | 1688.00  | 1740.46  | 1711.07    | 1.57    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 23.40    | 22.81    | 27.97    | 24.73      | 11.43   | ppb   |
| Selenium   | 78-2  | 25.73    | 28.48    | 25.61    | 26.61      | 6.11    | ppb   |
| Selenium   | 82-1  | 26.97    | 26.67    | 27.35    | 26.99      | 1.26    | ppb   |
| Silicon    | 28-1  | 481.13   | 479.73   | 477.73   | 479.53     | 0.36    | ppb   |
| Silver     | 109-1 | 26.31    | 26.04    | 26.37    | 26.24      | 0.67    | ppb   |
| Silver     | 107-1 | 26.13    | 25.84    | 25.86    | 25.94      | 0.61    | ppb   |
| Sodium     | 23-2  | 31382.37 | 31073.62 | 31321.63 | 31259.20   | 0.52    | ppb   |
| Strontium  | 86-1  | 104.06   | 105.44   | 104.13   | 104.55     | 0.75    | ppb   |
| Strontium  | 88-1  | 104.09   | 105.20   | 104.62   | 104.64     | 0.53    | ppb   |
| Sulfur     | 34-1  | -525.83  | -605.34  | -581.65  | -570.94    |         | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 25.47    | 25.32    | 25.22    | 25.33      | 0.50    | ppb   |
| Thallium   | 205-1 | 25.56    | 25.88    | 25.42    | 25.62      | 0.92    | ppb   |
| Tin        | 118-1 | 24.01    | 23.46    | 23.58    | 23.68      | 1.21    | ppb   |
| Titanium   | 47-1  | 125.36   | 126.69   | 126.57   | 126.21     | 0.58    | ppb   |
| Uranium    | 238-1 | 23.79    | 23.56    | 23.40    | 23.58      | 0.82    | ppb   |
| Vanadium   | 51-2  | 27.53    | 27.25    | 27.24    | 27.34      | 0.60    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 57.31    | 58.46    | 59.25    | 58.34      | 1.67    | ppb   |
| Zirconium  | 90-1  | 23.70    | 23.65    | 23.72    | 23.69      | 0.16    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-02DLX20       | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0443MSDL        | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-11-10 16:36:40 | DataFile Name :   | 075SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 23.85   | 23.87   | 24.24   | 23.98      | 0.93    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB91543             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV30               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV30               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-11-10 16:40:11 | DataFile Name :   | 076CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 48267.77  | 48071.76  | 47987.66  | 48109.07   | 0.30    | ppb   |
| Antimony   | 121-1 | 486.03    | 486.83    | 484.28    | 485.71     | 0.27    | ppb   |
| Arsenic    | 75-2  | 483.95    | 489.26    | 489.16    | 487.46     | 0.62    | ppb   |
| Barium     | 135-1 | 2403.54   | 2403.03   | 2404.51   | 2403.69    | 0.03    | ppb   |
| Barium     | 137-1 | 2469.58   | 2458.84   | 2468.59   | 2465.67    | 0.24    | ppb   |
| Beryllium  | 9-1   | 514.65    | 514.26    | 517.98    | 515.63     | 0.40    | ppb   |
| Bismuth    | 209-1 |           |           |           |            |         | %     |
| Bismuth    | 209-2 |           |           |           |            |         | %     |
| Boron      | 10-1  | 490.99    | 511.31    | 503.96    | 502.09     | 2.05    | ppb   |
| Boron      | 11-1  | 495.02    | 508.38    | 516.86    | 506.75     | 2.17    | ppb   |
| Cadmium    | 111-1 | 477.17    | 476.73    | 476.79    | 476.89     | 0.05    | ppb   |
| Cadmium    | 106-1 | 470.13    | 455.56    | 467.41    | 464.37     | 1.67    | ppb   |
| Cadmium    | 108-1 | 477.86    | 474.37    | 476.11    | 476.12     | 0.37    | ppb   |
| Calcium    | 43-1  | 243411.94 | 243185.06 | 243298.20 | 243298.40  | 0.05    | ppb   |
| Calcium    | 44-1  | 243155.48 | 243433.01 | 243852.82 | 243480.44  | 0.14    | ppb   |
| Chromium   | 52-2  | 501.98    | 503.94    | 501.25    | 502.39     | 0.28    | ppb   |
| Cobalt     | 59-2  | 500.42    | 503.80    | 500.96    | 501.73     | 0.36    | ppb   |
| Copper     | 63-2  | 995.31    | 996.06    | 991.79    | 994.39     | 0.23    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           |            |         | %     |
| Holmium    | 165-2 |           |           |           |            |         | %     |
| Indium     | 115-1 |           |           |           |            |         | %     |
| Indium     | 115-2 |           |           |           |            |         | %     |
| Iron       | 56-2  | 127683.03 | 127210.76 | 127489.05 | 127460.95  | 0.19    | ppb   |
| Iron       | 57-2  | 127675.47 | 128397.65 | 127546.93 | 127873.35  | 0.36    | ppb   |
| Lead       | 206-1 | 494.76    | 493.12    | 491.48    | 493.12     | 0.33    | ppb   |
| Lead       | 207-1 | 487.27    | 488.48    | 484.57    | 486.77     | 0.41    | ppb   |
| Lead       | 208-1 | 499.11    | 499.43    | 497.26    | 498.60     | 0.24    | ppb   |
| Lithium    | 6-1   |           |           |           |            |         | %     |
| Magnesium  | 24-2  | 248954.67 | 249880.20 | 247020.67 | 248618.52  | 0.59    | ppb   |
| Manganese  | 55-2  | 996.06    | 996.25    | 988.22    | 993.51     | 0.46    | ppb   |



|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB91543             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV30               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV30               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-11-10 16:40:11 | DataFile Name :   | 076CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 2505.00   | 2490.80   | 2495.29   | 2497.03    | 0.29    | ppb   |
| Molybdenum | 95-1  | 2500.37   | 2492.17   | 2499.79   | 2497.44    | 0.18    | ppb   |
| Molybdenum | 96-1  | 2493.20   | 2482.72   | 2492.45   | 2489.46    | 0.23    | ppb   |
| Molybdenum | 97-1  | 2517.47   | 2491.26   | 2505.79   | 2504.84    | 0.52    | ppb   |
| Molybdenum | 98-1  | 2511.23   | 2499.02   | 2502.90   | 2504.38    | 0.25    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 493.78    | 498.56    | 495.44    | 495.93     | 0.49    | ppb   |
| Phosphorus | 31-2  | 9508.93   | 9683.72   | 9997.71   | 9730.12    | 2.55    | ppb   |
| Potassium  | 39-2  | 122512.47 | 122753.07 | 121999.44 | 122421.66  | 0.31    | ppb   |
| Rhodium    | 103-1 |           |           |           |            |         | %     |
| Rhodium    | 103-2 |           |           |           |            |         | %     |
| Scandium   | 45-1  |           |           |           |            |         | %     |
| Scandium   | 45-2  |           |           |           |            |         | %     |
| Selenium   | 77-2  | 473.44    | 480.69    | 486.91    | 480.35     | 1.40    | ppb   |
| Selenium   | 78-2  | 460.92    | 463.68    | 475.20    | 466.60     | 1.62    | ppb   |
| Selenium   | 82-1  | 477.26    | 470.14    | 471.12    | 472.84     | 0.82    | ppb   |
| Silicon    | 28-1  | 563.77    | 577.04    | 584.68    | 575.17     | 1.84    | ppb   |
| Silver     | 109-1 | 469.64    | 467.26    | 470.72    | 469.21     | 0.38    | ppb   |
| Silver     | 107-1 | 467.81    | 467.72    | 468.58    | 468.04     | 0.10    | ppb   |
| Sodium     | 23-2  | 248882.46 | 249880.55 | 247998.03 | 248920.35  | 0.38    | ppb   |
| Strontium  | 86-1  | 502.22    | 501.36    | 499.91    | 501.16     | 0.23    | ppb   |
| Strontium  | 88-1  | 512.23    | 511.49    | 512.68    | 512.13     | 0.12    | ppb   |
| Sulfur     | 34-1  | 8798.38   | 8863.88   | 8935.97   | 8866.08    | 0.78    | ppb   |
| Terbium    | 159-1 |           |           |           |            |         | %     |
| Terbium    | 159-2 |           |           |           |            |         | %     |
| Thallium   | 203-1 | 491.73    | 489.54    | 491.36    | 490.88     | 0.24    | ppb   |
| Thallium   | 205-1 | 508.23    | 509.46    | 507.96    | 508.55     | 0.16    | ppb   |
| Tin        | 118-1 | 468.30    | 466.20    | 465.88    | 466.79     | 0.28    | ppb   |
| Titanium   | 47-1  | 2471.90   | 2475.11   | 2470.51   | 2472.50    | 0.10    | ppb   |
| Uranium    | 238-1 | 499.69    | 500.08    | 499.27    | 499.68     | 0.08    | ppb   |
| Vanadium   | 51-2  | 509.88    | 508.18    | 507.81    | 508.62     | 0.22    | ppb   |
| Yttrium    | 89-1  |           |           |           |            |         | %     |
| Yttrium    | 89-2  |           |           |           |            |         | %     |
| Zinc       | 66-2  | 981.93    | 983.98    | 979.88    | 981.93     | 0.21    | ppb   |
| Zirconium  | 90-1  | 500.57    | 500.53    | 499.04    | 500.05     | 0.17    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB91543             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV30               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV30               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-11-10 16:40:11 | DataFile Name :   | 076CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 494.04  | 491.46  | 489.89  | 491.79     | 0.43    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB30               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB30               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 16:43:45 | DataFile Name :   | 077CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 3.34    | 3.37    | 3.01    | 3.24       | 6.13    | ppb   |
| Antimony   | 121-1 | 1.44    | 1.32    | 1.25    | 1.34       | 7.39    | ppb   |
| Arsenic    | 75-2  | 0.10    | 0.12    | 0.09    | 0.11       | 14.73   | ppb   |
| Barium     | 135-1 | 0.09    | 0.13    | 0.11    | 0.11       | 18.37   | ppb   |
| Barium     | 137-1 | 0.09    | 0.10    | 0.11    | 0.10       | 11.35   | ppb   |
| Beryllium  | 9-1   | 0.13    | 0.14    | 0.10    | 0.12       | 18.18   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 14.78   | 11.33   | 12.16   | 12.76      | 14.13   | ppb   |
| Boron      | 11-1  | 13.54   | 12.76   | 11.33   | 12.54      | 8.94    | ppb   |
| Cadmium    | 111-1 | -0.08   | -0.03   | -0.05   | -0.05      |         | ppb   |
| Cadmium    | 106-1 | -1.44   | -1.01   | -0.95   | -1.13      |         | ppb   |
| Cadmium    | 108-1 | 0.11    | -0.01   | 0.02    | 0.04       | 154.46  | ppb   |
| Calcium    | 43-1  | 14.82   | 14.66   | 10.68   | 13.39      | 17.54   | ppb   |
| Calcium    | 44-1  | 5.11    | 7.64    | 9.76    | 7.50       | 31.05   | ppb   |
| Chromium   | 52-2  | 0.08    | 0.00    | 0.01    | 0.03       | 144.81  | ppb   |
| Cobalt     | 59-2  | 0.03    | 0.02    | 0.02    | 0.02       | 37.23   | ppb   |
| Copper     | 63-2  | 0.44    | 0.48    | 0.46    | 0.46       | 4.51    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 10.28   | 9.22    | 10.48   | 10.00      | 6.76    | ppb   |
| Iron       | 57-2  | 10.05   | 10.48   | 7.69    | 9.41       | 15.98   | ppb   |
| Lead       | 206-1 | 0.11    | 0.13    | 0.13    | 0.12       | 6.97    | ppb   |
| Lead       | 207-1 | 0.10    | 0.09    | 0.11    | 0.10       | 9.91    | ppb   |
| Lead       | 208-1 | 0.12    | 0.11    | 0.13    | 0.12       | 5.78    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 12.41   | 10.27   | 10.81   | 11.16      | 10.00   | ppb   |
| Manganese  | 55-2  | 0.16    | 0.15    | 0.16    | 0.16       | 2.60    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB30               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB30               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 16:43:45 | DataFile Name :   | 077CCBE.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.84     | 0.76     | 0.76     | 0.79       | 5.70    | ppb   |
| Molybdenum | 95-1  | 0.95     | 0.87     | 0.85     | 0.89       | 6.18    | ppb   |
| Molybdenum | 96-1  | 1.00     | 0.85     | 0.78     | 0.88       | 12.66   | ppb   |
| Molybdenum | 97-1  | 0.93     | 0.85     | 0.91     | 0.89       | 4.46    | ppb   |
| Molybdenum | 98-1  | 0.94     | 0.86     | 0.77     | 0.86       | 9.84    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.02     | 0.03     | 0.04     | 0.03       | 23.45   | ppb   |
| Phosphorus | 31-2  | -12.56   | -10.10   | -12.49   | -11.71     |         | ppb   |
| Potassium  | 39-2  | 21.96    | 16.58    | 17.40    | 18.65      | 15.54   | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | -0.18    | -0.18    | -0.18    | -0.18      |         | ppb   |
| Selenium   | 78-2  | -0.04    | 0.14     | -0.34    | -0.08      |         | ppb   |
| Selenium   | 82-1  | 0.70     | 0.72     | 0.65     | 0.69       | 5.38    | ppb   |
| Silicon    | 28-1  | -0.24    | -0.43    | -1.43    | -0.70      |         | ppb   |
| Silver     | 109-1 | 0.08     | 0.09     | 0.09     | 0.09       | 5.87    | ppb   |
| Silver     | 107-1 | 0.09     | 0.08     | 0.08     | 0.09       | 5.73    | ppb   |
| Sodium     | 23-2  | 70.13    | 68.22    | 65.61    | 67.99      | 3.34    | ppb   |
| Strontium  | 86-1  | 0.04     | 0.00     | 0.07     | 0.04       | 95.17   | ppb   |
| Strontium  | 88-1  | 0.03     | 0.03     | 0.04     | 0.04       | 14.08   | ppb   |
| Sulfur     | 34-1  | -1085.45 | -1058.19 | -1017.17 | -1053.60   |         | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.12     | 0.12     | 0.11     | 0.11       | 4.55    | ppb   |
| Thallium   | 205-1 | 0.14     | 0.12     | 0.11     | 0.12       | 11.96   | ppb   |
| Tin        | 118-1 | 0.38     | 0.28     | 0.30     | 0.32       | 16.86   | ppb   |
| Titanium   | 47-1  | 0.24     | 0.19     | 0.33     | 0.26       | 28.32   | ppb   |
| Uranium    | 238-1 | 0.02     | 0.03     | 0.03     | 0.03       | 8.11    | ppb   |
| Vanadium   | 51-2  | 0.04     | 0.04     | 0.03     | 0.04       | 14.17   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 0.24     | 0.34     | 0.75     | 0.45       | 60.49   | ppb   |
| Zirconium  | 90-1  | 0.11     | 0.10     | 0.11     | 0.11       | 5.58    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB30               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB30               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 16:43:45 | DataFile Name :   | 077CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.13    | 0.06    | 0.11    | 0.10       | 34.09   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-03DLX20       | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0443MSDDL       | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-11-10 16:47:16 | DataFile Name :   | 078SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 528.43   | 532.15   | 539.68   | 533.42     | 1.07    | ppb   |
| Antimony   | 121-1 | 25.87    | 26.24    | 25.73    | 25.95      | 1.01    | ppb   |
| Arsenic    | 75-2  | 29.90    | 30.40    | 30.76    | 30.35      | 1.42    | ppb   |
| Barium     | 135-1 | 128.12   | 129.01   | 127.34   | 128.16     | 0.65    | ppb   |
| Barium     | 137-1 | 128.79   | 130.17   | 128.75   | 129.24     | 0.63    | ppb   |
| Beryllium  | 9-1   | 27.49    | 27.96    | 26.73    | 27.39      | 2.27    | ppb   |
| Bismuth    | 209-1 |          |          |          |            |         | %     |
| Bismuth    | 209-2 |          |          |          |            |         | %     |
| Boron      | 10-1  | 31.43    | 31.73    | 35.80    | 32.99      | 7.40    | ppb   |
| Boron      | 11-1  | 33.76    | 34.26    | 33.72    | 33.92      | 0.89    | ppb   |
| Cadmium    | 111-1 | 26.02    | 26.06    | 26.34    | 26.14      | 0.67    | ppb   |
| Cadmium    | 106-1 | 23.13    | 24.80    | 23.36    | 23.76      | 3.81    | ppb   |
| Cadmium    | 108-1 | 25.85    | 26.68    | 25.05    | 25.86      | 3.14    | ppb   |
| Calcium    | 43-1  | 13899.03 | 13851.31 | 13872.29 | 13874.21   | 0.17    | ppb   |
| Calcium    | 44-1  | 14156.63 | 14144.88 | 14057.17 | 14119.56   | 0.38    | ppb   |
| Chromium   | 52-2  | 27.85    | 28.31    | 28.38    | 28.18      | 1.00    | ppb   |
| Cobalt     | 59-2  | 28.45    | 28.82    | 28.85    | 28.71      | 0.78    | ppb   |
| Copper     | 63-2  | 56.49    | 56.41    | 57.12    | 56.67      | 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 |          |          |          |            |         | %     |
| Holmium    | 165-2 |          |          |          |            |         | %     |
| Indium     | 115-1 |          |          |          |            |         | %     |
| Indium     | 115-2 |          |          |          |            |         | %     |
| Iron       | 56-2  | 1774.95  | 1780.11  | 1792.36  | 1782.47    | 0.50    | ppb   |
| Iron       | 57-2  | 1814.19  | 1810.33  | 1838.09  | 1820.87    | 0.83    | ppb   |
| Lead       | 206-1 | 25.45    | 25.59    | 25.51    | 25.52      | 0.28    | ppb   |
| Lead       | 207-1 | 24.94    | 25.48    | 25.39    | 25.27      | 1.16    | ppb   |
| Lead       | 208-1 | 25.38    | 25.42    | 25.48    | 25.43      | 0.20    | ppb   |
| Lithium    | 6-1   |          |          |          |            |         | %     |
| Magnesium  | 24-2  | 6195.69  | 6242.38  | 6265.24  | 6234.44    | 0.57    | ppb   |
| Manganese  | 55-2  | 172.26   | 172.16   | 174.02   | 172.81     | 0.61    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-03DLX20       | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0443MSDDL       | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-11-10 16:47:16 | DataFile Name :   | 078SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 124.96   | 123.20   | 122.86   | 123.67     | 0.91    | ppb   |
| Molybdenum | 95-1  | 125.74   | 124.13   | 122.30   | 124.06     | 1.39    | ppb   |
| Molybdenum | 96-1  | 124.66   | 123.45   | 122.96   | 123.69     | 0.71    | ppb   |
| Molybdenum | 97-1  | 123.01   | 123.75   | 123.26   | 123.34     | 0.31    | ppb   |
| Molybdenum | 98-1  | 124.62   | 124.84   | 123.80   | 124.42     | 0.44    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 29.34    | 29.56    | 29.32    | 29.41      | 0.47    | ppb   |
| Phosphorus | 31-2  | -0.59    | -7.71    | -9.98    | -6.09      |         | ppb   |
| Potassium  | 39-2  | 1753.27  | 1736.03  | 1766.24  | 1751.85    | 0.87    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 27.56    | 19.57    | 33.74    | 26.96      | 26.36   | ppb   |
| Selenium   | 78-2  | 28.29    | 24.30    | 28.11    | 26.90      | 8.37    | ppb   |
| Selenium   | 82-1  | 27.90    | 27.80    | 28.14    | 27.95      | 0.62    | ppb   |
| Silicon    | 28-1  | 495.47   | 493.35   | 503.99   | 497.61     | 1.13    | ppb   |
| Silver     | 109-1 | 26.95    | 27.14    | 26.92    | 27.01      | 0.44    | ppb   |
| Silver     | 107-1 | 27.09    | 26.61    | 26.95    | 26.88      | 0.92    | ppb   |
| Sodium     | 23-2  | 31191.80 | 31220.34 | 31444.37 | 31285.50   | 0.44    | ppb   |
| Strontium  | 86-1  | 106.52   | 107.23   | 106.20   | 106.65     | 0.50    | ppb   |
| Strontium  | 88-1  | 106.35   | 105.93   | 105.27   | 105.85     | 0.51    | ppb   |
| Sulfur     | 34-1  | -475.70  | -565.67  | -575.06  | -538.81    |         | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 25.71    | 25.95    | 25.70    | 25.79      | 0.56    | ppb   |
| Thallium   | 205-1 | 26.01    | 25.99    | 25.87    | 25.96      | 0.29    | ppb   |
| Tin        | 118-1 | 24.90    | 24.89    | 24.38    | 24.72      | 1.20    | ppb   |
| Titanium   | 47-1  | 126.37   | 126.43   | 128.78   | 127.19     | 1.08    | ppb   |
| Uranium    | 238-1 | 23.84    | 23.73    | 23.98    | 23.85      | 0.53    | ppb   |
| Vanadium   | 51-2  | 27.41    | 27.40    | 27.63    | 27.48      | 0.48    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 56.71    | 57.29    | 59.28    | 57.76      | 2.33    | ppb   |
| Zirconium  | 90-1  | 24.40    | 24.59    | 24.53    | 24.51      | 0.40    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-03DLX20       | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0443MSDDL       | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-11-10 16:47:16 | DataFile Name :   | 078SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 24.65   | 25.09   | 24.40   | 24.71      | 1.40    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-01ADLX20      | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0443ADL         | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-11-10 16:50:48 | DataFile Name :   | 079SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 517.10   | 538.99   | 521.94   | 526.01     | 2.19    | ppb   |
| Antimony   | 121-1 | 25.84    | 25.86    | 25.95    | 25.88      | 0.21    | ppb   |
| Arsenic    | 75-2  | 29.53    | 30.08    | 31.22    | 30.28      | 2.86    | ppb   |
| Barium     | 135-1 | 127.23   | 130.36   | 126.97   | 128.19     | 1.47    | ppb   |
| Barium     | 137-1 | 129.72   | 131.19   | 131.68   | 130.86     | 0.78    | ppb   |
| Beryllium  | 9-1   | 27.51    | 28.11    | 27.31    | 27.65      | 1.51    | ppb   |
| Bismuth    | 209-1 |          |          |          |            |         | %     |
| Bismuth    | 209-2 |          |          |          |            |         | %     |
| Boron      | 10-1  | 32.79    | 31.91    | 30.98    | 31.89      | 2.83    | ppb   |
| Boron      | 11-1  | 32.06    | 33.39    | 31.92    | 32.46      | 2.50    | ppb   |
| Cadmium    | 111-1 | 25.87    | 26.04    | 26.40    | 26.10      | 1.04    | ppb   |
| Cadmium    | 106-1 | 22.89    | 23.92    | 22.76    | 23.19      | 2.74    | ppb   |
| Cadmium    | 108-1 | 27.43    | 27.47    | 24.89    | 26.60      | 5.56    | ppb   |
| Calcium    | 43-1  | 13979.20 | 13827.87 | 13971.67 | 13926.25   | 0.61    | ppb   |
| Calcium    | 44-1  | 14235.83 | 14250.67 | 14312.95 | 14266.48   | 0.29    | ppb   |
| Chromium   | 52-2  | 28.19    | 28.59    | 28.47    | 28.42      | 0.73    | ppb   |
| Cobalt     | 59-2  | 28.77    | 29.12    | 28.73    | 28.87      | 0.76    | ppb   |
| Copper     | 63-2  | 57.11    | 57.57    | 57.23    | 57.30      | 0.42    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          |            |         | %     |
| Holmium    | 165-2 |          |          |          |            |         | %     |
| Indium     | 115-1 |          |          |          |            |         | %     |
| Indium     | 115-2 |          |          |          |            |         | %     |
| Iron       | 56-2  | 1784.05  | 1813.69  | 1795.80  | 1797.85    | 0.83    | ppb   |
| Iron       | 57-2  | 1808.22  | 1843.60  | 1797.21  | 1816.34    | 1.33    | ppb   |
| Lead       | 206-1 | 25.97    | 25.65    | 26.00    | 25.87      | 0.76    | ppb   |
| Lead       | 207-1 | 25.82    | 25.70    | 25.46    | 25.66      | 0.71    | ppb   |
| Lead       | 208-1 | 25.79    | 25.53    | 25.54    | 25.62      | 0.57    | ppb   |
| Lithium    | 6-1   |          |          |          |            |         | %     |
| Magnesium  | 24-2  | 6242.32  | 6314.81  | 6228.78  | 6261.97    | 0.74    | ppb   |
| Manganese  | 55-2  | 173.27   | 176.81   | 172.85   | 174.31     | 1.25    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-01ADLX20      | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0443ADL         | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-11-10 16:50:48 | DataFile Name :   | 079SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 124.29   | 124.72   | 123.67   | 124.23     | 0.43    | ppb   |
| Molybdenum | 95-1  | 124.46   | 124.85   | 123.72   | 124.35     | 0.46    | ppb   |
| Molybdenum | 96-1  | 125.13   | 124.90   | 124.01   | 124.68     | 0.47    | ppb   |
| Molybdenum | 97-1  | 125.05   | 124.01   | 123.66   | 124.24     | 0.58    | ppb   |
| Molybdenum | 98-1  | 125.45   | 125.52   | 125.47   | 125.48     | 0.03    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 29.05    | 29.76    | 30.08    | 29.63      | 1.79    | ppb   |
| Phosphorus | 31-2  | -0.28    | -7.40    | -7.59    | -5.09      |         | ppb   |
| Potassium  | 39-2  | 1745.24  | 1761.55  | 1757.97  | 1754.92    | 0.49    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 28.05    | 28.04    | 25.97    | 27.35      | 4.37    | ppb   |
| Selenium   | 78-2  | 27.40    | 29.85    | 26.58    | 27.94      | 6.09    | ppb   |
| Selenium   | 82-1  | 27.15    | 28.37    | 28.23    | 27.92      | 2.40    | ppb   |
| Silicon    | 28-1  | 500.48   | 507.46   | 495.31   | 501.08     | 1.22    | ppb   |
| Silver     | 109-1 | 27.15    | 27.00    | 27.29    | 27.15      | 0.52    | ppb   |
| Silver     | 107-1 | 26.74    | 27.01    | 26.87    | 26.87      | 0.50    | ppb   |
| Sodium     | 23-2  | 31235.46 | 31823.46 | 31348.23 | 31469.05   | 0.99    | ppb   |
| Strontium  | 86-1  | 106.57   | 107.19   | 107.99   | 107.25     | 0.66    | ppb   |
| Strontium  | 88-1  | 106.67   | 107.20   | 106.55   | 106.81     | 0.32    | ppb   |
| Sulfur     | 34-1  | -497.13  | -538.43  | -512.24  | -515.93    |         | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 26.08    | 25.56    | 26.23    | 25.96      | 1.36    | ppb   |
| Thallium   | 205-1 | 26.47    | 26.06    | 26.10    | 26.21      | 0.86    | ppb   |
| Tin        | 118-1 | 24.51    | 24.05    | 24.66    | 24.41      | 1.30    | ppb   |
| Titanium   | 47-1  | 129.53   | 129.31   | 127.43   | 128.76     | 0.89    | ppb   |
| Uranium    | 238-1 | 24.27    | 24.06    | 23.91    | 24.08      | 0.76    | ppb   |
| Vanadium   | 51-2  | 27.51    | 28.24    | 27.85    | 27.87      | 1.31    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 59.53    | 59.12    | 57.85    | 58.83      | 1.49    | ppb   |
| Zirconium  | 90-1  | 24.56    | 24.66    | 24.38    | 24.54      | 0.58    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-01ADLX20      | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0443ADL         | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-11-10 16:50:48 | DataFile Name :   | 079SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 24.46   | 25.36   | 25.13   | 24.98      | 1.87    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-04DLX20       | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0438DL          | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-11-10 16:54:19 | DataFile Name :   | 080SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 86.28    | 93.28    | 83.42    | 87.66      | 5.79    | ppb   |
| Antimony   | 121-1 | 0.21     | 0.23     | 0.25     | 0.23       | 9.32    | ppb   |
| Arsenic    | 75-2  | 0.95     | 0.90     | 1.00     | 0.95       | 5.67    | ppb   |
| Barium     | 135-1 | 6.83     | 6.77     | 6.92     | 6.84       | 1.14    | ppb   |
| Barium     | 137-1 | 7.12     | 7.16     | 7.23     | 7.17       | 0.82    | ppb   |
| Beryllium  | 9-1   | 0.09     | 0.05     | 0.04     | 0.06       | 46.58   | ppb   |
| Bismuth    | 209-1 |          |          |          |            |         | %     |
| Bismuth    | 209-2 |          |          |          |            |         | %     |
| Boron      | 10-1  | 6.31     | 5.93     | 6.06     | 6.10       | 3.16    | ppb   |
| Boron      | 11-1  | 6.15     | 6.82     | 5.85     | 6.27       | 7.94    | ppb   |
| Cadmium    | 111-1 | 0.13     | 0.10     | 0.00     | 0.07       | 92.64   | ppb   |
| Cadmium    | 106-1 | -0.54    | -1.19    | -2.59    | -1.44      |         | ppb   |
| Cadmium    | 108-1 | 0.24     | 0.43     | 0.33     | 0.33       | 28.91   | ppb   |
| Calcium    | 43-1  | 14209.06 | 14318.18 | 14398.88 | 14308.71   | 0.67    | ppb   |
| Calcium    | 44-1  | 14623.17 | 14616.08 | 14756.97 | 14665.41   | 0.54    | ppb   |
| Chromium   | 52-2  | 2.43     | 2.38     | 2.36     | 2.39       | 1.63    | ppb   |
| Cobalt     | 59-2  | 0.40     | 0.40     | 0.37     | 0.39       | 4.44    | ppb   |
| Copper     | 63-2  | 3.38     | 3.42     | 3.23     | 3.35       | 3.02    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          |            |         | %     |
| Holmium    | 165-2 |          |          |          |            |         | %     |
| Indium     | 115-1 |          |          |          |            |         | %     |
| Indium     | 115-2 |          |          |          |            |         | %     |
| Iron       | 56-2  | 4091.86  | 4101.04  | 4054.71  | 4082.54    | 0.60    | ppb   |
| Iron       | 57-2  | 4055.59  | 4027.80  | 4013.87  | 4032.42    | 0.53    | ppb   |
| Lead       | 206-1 | 0.45     | 0.40     | 0.44     | 0.43       | 6.59    | ppb   |
| Lead       | 207-1 | 0.39     | 0.40     | 0.40     | 0.40       | 1.26    | ppb   |
| Lead       | 208-1 | 0.41     | 0.39     | 0.41     | 0.40       | 3.06    | ppb   |
| Lithium    | 6-1   |          |          |          |            |         | %     |
| Magnesium  | 24-2  | 2255.15  | 2271.25  | 2261.84  | 2262.75    | 0.36    | ppb   |
| Manganese  | 55-2  | 191.47   | 192.38   | 190.60   | 191.48     | 0.47    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-04DLX20       | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0438DL          | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-11-10 16:54:19 | DataFile Name :   | 080SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.38     | 0.32     | 0.33     | 0.34       | 8.77    | ppb   |
| Molybdenum | 95-1  | 0.25     | 0.28     | 0.28     | 0.27       | 5.46    | ppb   |
| Molybdenum | 96-1  | 0.30     | 0.29     | 0.29     | 0.29       | 1.21    | ppb   |
| Molybdenum | 97-1  | 0.32     | 0.23     | 0.29     | 0.28       | 16.45   | ppb   |
| Molybdenum | 98-1  | 0.26     | 0.27     | 0.24     | 0.26       | 7.73    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 2.40     | 2.18     | 2.20     | 2.26       | 5.34    | ppb   |
| Phosphorus | 31-2  | 30.19    | 12.73    | 27.27    | 23.40      | 39.98   | ppb   |
| Potassium  | 39-2  | 572.09   | 569.63   | 562.35   | 568.02     | 0.89    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | -0.18    | 0.45     | -0.18    | 0.03       | 1083.40 | ppb   |
| Selenium   | 78-2  | 0.03     | -0.08    | 0.24     | 0.07       | 248.53  | ppb   |
| Selenium   | 82-1  | 0.07     | -0.02    | 0.38     | 0.14       | 144.68  | ppb   |
| Silicon    | 28-1  | 978.60   | 986.00   | 985.49   | 983.36     | 0.42    | ppb   |
| Silver     | 109-1 | 0.11     | 0.12     | 0.11     | 0.11       | 5.32    | ppb   |
| Silver     | 107-1 | 0.10     | 0.11     | 0.11     | 0.11       | 9.38    | ppb   |
| Sodium     | 23-2  | 20207.82 | 20060.86 | 19988.96 | 20085.88   | 0.56    | ppb   |
| Strontium  | 86-1  | 69.08    | 69.44    | 69.28    | 69.27      | 0.26    | ppb   |
| Strontium  | 88-1  | 68.95    | 68.38    | 68.75    | 68.69      | 0.42    | ppb   |
| Sulfur     | 34-1  | -447.93  | -460.24  | -469.80  | -459.33    |         | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.02     | 0.02     | 0.02     | 0.02       | 14.59   | ppb   |
| Thallium   | 205-1 | 0.02     | 0.02     | 0.02     | 0.02       | 8.43    | ppb   |
| Tin        | 118-1 | 0.07     | 0.09     | 0.10     | 0.09       | 14.74   | ppb   |
| Titanium   | 47-1  | 2.76     | 2.98     | 2.94     | 2.89       | 3.91    | ppb   |
| Uranium    | 238-1 | 0.19     | 0.20     | 0.20     | 0.20       | 1.96    | ppb   |
| Vanadium   | 51-2  | 1.08     | 1.06     | 1.04     | 1.06       | 2.23    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 19.54    | 20.98    | 20.61    | 20.37      | 3.67    | ppb   |
| Zirconium  | 90-1  | 0.09     | 0.09     | 0.11     | 0.10       | 13.69   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-04DLX20       | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0438DL          | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-11-10 16:54:19 | DataFile Name :   | 080SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.11    | 0.11    | 0.07    | 0.09       | 24.24   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-05DLX20       | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0435DL          | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-11-10 16:57:51 | DataFile Name :   | 081SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 3.94    | 3.96    | 3.78    | 3.90       | 2.53    | ppb   |
| Antimony   | 121-1 | 0.18    | 0.16    | 0.15    | 0.16       | 7.73    | ppb   |
| Arsenic    | 75-2  | 2.95    | 2.84    | 2.55    | 2.78       | 7.31    | ppb   |
| Barium     | 135-1 | 2.97    | 2.90    | 2.97    | 2.95       | 1.41    | ppb   |
| Barium     | 137-1 | 2.96    | 2.86    | 2.90    | 2.91       | 1.79    | ppb   |
| Beryllium  | 9-1   | 0.04    | 0.02    | 0.06    | 0.04       | 50.40   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 6.26    | 4.53    | 4.96    | 5.25       | 17.21   | ppb   |
| Boron      | 11-1  | 5.40    | 4.95    | 5.55    | 5.30       | 5.89    | ppb   |
| Cadmium    | 111-1 | -0.13   | -0.18   | -0.15   | -0.15      |         | ppb   |
| Cadmium    | 106-1 | -1.76   | -2.60   | -2.18   | -2.18      |         | ppb   |
| Cadmium    | 108-1 | 0.07    | -0.01   | 0.04    | 0.03       | 111.24  | ppb   |
| Calcium    | 43-1  | 7062.45 | 7032.85 | 7061.12 | 7052.14    | 0.24    | ppb   |
| Calcium    | 44-1  | 7058.83 | 7036.29 | 7029.09 | 7041.40    | 0.22    | ppb   |
| Chromium   | 52-2  | 0.10    | 0.09    | 0.05    | 0.08       | 33.79   | ppb   |
| Cobalt     | 59-2  | 0.06    | 0.06    | 0.07    | 0.06       | 9.08    | ppb   |
| Copper     | 63-2  | 0.52    | 0.53    | 0.56    | 0.54       | 3.91    | 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 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 148.86  | 149.07  | 148.16  | 148.70     | 0.32    | ppb   |
| Iron       | 57-2  | 153.52  | 160.39  | 147.22  | 153.71     | 4.29    | ppb   |
| Lead       | 206-1 | 0.08    | 0.09    | 0.09    | 0.08       | 3.34    | ppb   |
| Lead       | 207-1 | 0.07    | 0.11    | 0.06    | 0.08       | 31.02   | ppb   |
| Lead       | 208-1 | 0.08    | 0.09    | 0.07    | 0.08       | 14.76   | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 2895.54 | 2906.67 | 2902.90 | 2901.70    | 0.19    | ppb   |
| Manganese  | 55-2  | 57.23   | 57.16   | 56.93   | 57.10      | 0.28    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-05DLX20       | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0435DL          | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-11-10 16:57:51 | DataFile Name :   | 081SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.16     | 0.12     | 0.17     | 0.15       | 18.04   | ppb   |
| Molybdenum | 95-1  | 0.16     | 0.14     | 0.12     | 0.14       | 14.33   | ppb   |
| Molybdenum | 96-1  | 0.15     | 0.14     | 0.12     | 0.14       | 11.20   | ppb   |
| Molybdenum | 97-1  | 0.13     | 0.17     | 0.19     | 0.16       | 20.55   | ppb   |
| Molybdenum | 98-1  | 0.15     | 0.17     | 0.18     | 0.17       | 9.79    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.13     | 0.09     | 0.12     | 0.11       | 18.62   | ppb   |
| Phosphorus | 31-2  | -14.54   | -6.93    | -9.61    | -10.36     |         | ppb   |
| Potassium  | 39-2  | 585.32   | 587.36   | 576.58   | 583.09     | 0.98    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | -0.18    | -0.18    | -0.18    | -0.18      |         | ppb   |
| Selenium   | 78-2  | -0.87    | 0.17     | -0.37    | -0.35      |         | ppb   |
| Selenium   | 82-1  | 0.47     | 0.52     | 0.61     | 0.53       | 13.51   | ppb   |
| Silicon    | 28-1  | 493.37   | 495.25   | 492.84   | 493.82     | 0.26    | ppb   |
| Silver     | 109-1 | 0.08     | 0.09     | 0.09     | 0.09       | 5.35    | ppb   |
| Silver     | 107-1 | 0.08     | 0.08     | 0.06     | 0.08       | 14.13   | ppb   |
| Sodium     | 23-2  | 19869.96 | 20032.46 | 19819.74 | 19907.39   | 0.56    | ppb   |
| Strontium  | 86-1  | 50.46    | 50.27    | 50.82    | 50.51      | 0.55    | ppb   |
| Strontium  | 88-1  | 50.53    | 50.43    | 50.27    | 50.41      | 0.25    | ppb   |
| Sulfur     | 34-1  | -718.26  | -736.55  | -659.47  | -704.76    |         | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.01     | 0.01     | 0.01     | 0.01       | 24.42   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.01     | 0.01       | 22.00   | ppb   |
| Tin        | 118-1 | 0.04     | 0.02     | 0.05     | 0.04       | 42.71   | ppb   |
| Titanium   | 47-1  | 0.11     | 0.05     | 0.28     | 0.15       | 80.37   | ppb   |
| Uranium    | 238-1 | 0.04     | 0.05     | 0.05     | 0.05       | 8.43    | ppb   |
| Vanadium   | 51-2  | 0.02     | 0.03     | 0.03     | 0.03       | 23.18   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 1.31     | 1.17     | 0.93     | 1.14       | 16.79   | ppb   |
| Zirconium  | 90-1  | 0.03     | 0.02     | 0.03     | 0.03       | 22.25   | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-05DLX20       | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0435DL          | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-11-10 16:57:51 | DataFile Name :   | 081SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.05    | 0.02    | 0.02    | 0.03       | 40.86   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-06DLX20       | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-EB-2017-3DL     | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-11-10 17:01:23 | DataFile Name :   | 082SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1.08    | 0.30    | 0.69    | 0.69       | 56.89   | ppb   |
| Antimony   | 121-1 | 0.10    | 0.11    | 0.10    | 0.10       | 9.15    | ppb   |
| Arsenic    | 75-2  | 0.00    | 0.03    | 0.01    | 0.01       | 97.31   | ppb   |
| Barium     | 135-1 | 0.02    | 0.03    | 0.00    | 0.02       | 83.53   | ppb   |
| Barium     | 137-1 | 0.03    | 0.03    | 0.00    | 0.02       | 83.91   | ppb   |
| Beryllium  | 9-1   | 0.06    | 0.03    | 0.01    | 0.03       | 70.40   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 2.99    | 2.91    | 2.81    | 2.90       | 3.17    | ppb   |
| Boron      | 11-1  | 3.30    | 3.72    | 2.98    | 3.33       | 11.00   | ppb   |
| Cadmium    | 111-1 | -0.21   | -0.15   | -0.17   | -0.18      |         | ppb   |
| Cadmium    | 106-1 | -2.85   | -2.09   | -2.24   | -2.39      |         | ppb   |
| Cadmium    | 108-1 | 0.02    | 0.04    | -0.01   | 0.02       | 138.78  | ppb   |
| Calcium    | 43-1  | 11.85   | 6.60    | 10.00   | 9.48       | 28.08   | ppb   |
| Calcium    | 44-1  | 0.64    | 1.04    | 0.01    | 0.56       | 92.94   | ppb   |
| Chromium   | 52-2  | -0.03   | 0.05    | 0.07    | 0.03       | 159.78  | ppb   |
| Cobalt     | 59-2  | 0.00    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Copper     | 63-2  | 0.59    | 0.47    | 0.59    | 0.55       | 12.39   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 1.80    | 2.15    | 1.77    | 1.91       | 10.96   | ppb   |
| Iron       | 57-2  | 1.51    | 2.55    | 2.73    | 2.26       | 29.30   | ppb   |
| Lead       | 206-1 | 0.05    | 0.04    | 0.07    | 0.05       | 25.35   | ppb   |
| Lead       | 207-1 | 0.04    | 0.04    | 0.02    | 0.04       | 28.33   | ppb   |
| Lead       | 208-1 | 0.05    | 0.05    | 0.05    | 0.05       | 8.71    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1.65    | 1.84    | 2.69    | 2.06       | 26.88   | ppb   |
| Manganese  | 55-2  | 0.25    | 0.23    | 0.27    | 0.25       | 7.52    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-06DLX20       | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-EB-2017-3DL     | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-11-10 17:01:23 | DataFile Name :   | 082SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.10     | 0.07     | 0.11     | 0.09       | 23.78   | ppb   |
| Molybdenum | 95-1  | 0.08     | 0.06     | 0.05     | 0.07       | 22.93   | ppb   |
| Molybdenum | 96-1  | 0.06     | 0.10     | 0.09     | 0.08       | 28.15   | ppb   |
| Molybdenum | 97-1  | 0.10     | 0.10     | 0.10     | 0.10       | 3.94    | ppb   |
| Molybdenum | 98-1  | 0.07     | 0.08     | 0.07     | 0.07       | 7.56    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.06     | 0.06     | 0.05     | 0.06       | 12.79   | ppb   |
| Phosphorus | 31-2  | 0.94     | -9.48    | 0.86     | -2.56      |         | ppb   |
| Potassium  | 39-2  | 12.57    | 13.16    | 11.58    | 12.43      | 6.42    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | -0.18    | -0.18    | -0.18    | -0.18      |         | ppb   |
| Selenium   | 78-2  | 0.52     | -0.55    | -0.76    | -0.26      |         | ppb   |
| Selenium   | 82-1  | 0.24     | 0.31     | -0.34    | 0.07       | 507.08  | ppb   |
| Silicon    | 28-1  | 32.53    | 32.46    | 31.99    | 32.32      | 0.91    | ppb   |
| Silver     | 109-1 | 0.09     | 0.08     | 0.07     | 0.08       | 13.06   | ppb   |
| Silver     | 107-1 | 0.09     | 0.09     | 0.08     | 0.08       | 9.40    | ppb   |
| Sodium     | 23-2  | 58.95    | 57.95    | 59.14    | 58.68      | 1.09    | ppb   |
| Strontium  | 86-1  | 0.05     | 0.00     | 0.02     | 0.03       | 88.28   | ppb   |
| Strontium  | 88-1  | 0.03     | 0.03     | 0.03     | 0.03       | 3.63    | ppb   |
| Sulfur     | 34-1  | -1010.19 | -1050.54 | -1077.14 | -1045.96   |         | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.00     | 0.00     | 0.01     | 0.00       | 90.36   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.00     | 0.00       | 84.44   | ppb   |
| Tin        | 118-1 | 0.10     | 0.07     | 0.07     | 0.08       | 25.40   | ppb   |
| Titanium   | 47-1  | 0.09     | 0.05     | 0.10     | 0.08       | 33.33   | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.00     | 0.02     | 0.00     | 0.01       | 90.32   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 1.91     | 1.42     | 1.43     | 1.59       | 17.42   | ppb   |
| Zirconium  | 90-1  | 0.02     | 0.02     | 0.01     | 0.02       | 25.41   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-06DLX20       | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-EB-2017-3DL     | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-11-10 17:01:23 | DataFile Name :   | 082SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | -0.01   | 0.02    | 0.01       | 134.53  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-07DLX20       | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0436DL          | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-11-10 17:04:55 | DataFile Name :   | 083SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1.72    | 1.06    | 1.71    | 1.50       | 25.12   | ppb   |
| Antimony   | 121-1 | 0.10    | 0.12    | 0.14    | 0.12       | 17.01   | ppb   |
| Arsenic    | 75-2  | 8.32    | 8.54    | 8.64    | 8.50       | 1.92    | ppb   |
| Barium     | 135-1 | 25.76   | 26.27   | 25.91   | 25.98      | 1.01    | ppb   |
| Barium     | 137-1 | 26.16   | 25.81   | 25.94   | 25.97      | 0.69    | ppb   |
| Beryllium  | 9-1   | 0.03    | 0.04    | 0.00    | 0.02       | 71.63   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 2.64    | 3.27    | 2.96    | 2.96       | 10.57   | ppb   |
| Boron      | 11-1  | 3.09    | 3.09    | 3.01    | 3.06       | 1.54    | ppb   |
| Cadmium    | 111-1 | -0.22   | -0.08   | -0.10   | -0.13      |         | ppb   |
| Cadmium    | 106-1 | -3.06   | -1.06   | -1.41   | -1.84      |         | ppb   |
| Cadmium    | 108-1 | -0.03   | 0.09    | -0.01   | 0.02       | 363.48  | ppb   |
| Calcium    | 43-1  | 4813.65 | 4715.48 | 4825.99 | 4785.04    | 1.27    | ppb   |
| Calcium    | 44-1  | 4816.52 | 4795.08 | 4829.08 | 4813.56    | 0.36    | ppb   |
| Chromium   | 52-2  | 0.15    | 0.10    | 0.11    | 0.12       | 23.50   | ppb   |
| Cobalt     | 59-2  | 0.79    | 0.84    | 0.93    | 0.85       | 8.33    | ppb   |
| Copper     | 63-2  | 0.46    | 0.49    | 0.54    | 0.49       | 8.07    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 2667.27 | 2648.46 | 2671.09 | 2662.28    | 0.45    | ppb   |
| Iron       | 57-2  | 2700.09 | 2648.47 | 2715.67 | 2688.08    | 1.31    | ppb   |
| Lead       | 206-1 | 0.04    | 0.03    | 0.03    | 0.03       | 14.10   | ppb   |
| Lead       | 207-1 | 0.02    | 0.02    | 0.03    | 0.03       | 20.25   | ppb   |
| Lead       | 208-1 | 0.03    | 0.03    | 0.03    | 0.03       | 12.23   | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 952.74  | 946.34  | 945.38  | 948.15     | 0.42    | ppb   |
| Manganese  | 55-2  | 689.07  | 688.06  | 689.35  | 688.83     | 0.10    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-07DLX20       | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0436DL          | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-11-10 17:04:55 | DataFile Name :   | 083SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.18     | 0.20     | 0.20     | 0.19       | 7.81    | ppb   |
| Molybdenum | 95-1  | 0.20     | 0.21     | 0.16     | 0.19       | 15.48   | ppb   |
| Molybdenum | 96-1  | 0.18     | 0.22     | 0.18     | 0.19       | 13.52   | ppb   |
| Molybdenum | 97-1  | 0.16     | 0.18     | 0.22     | 0.18       | 17.74   | ppb   |
| Molybdenum | 98-1  | 0.18     | 0.17     | 0.20     | 0.18       | 6.81    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.28     | 0.19     | 0.39     | 0.29       | 33.40   | ppb   |
| Phosphorus | 31-2  | -4.17    | 3.27     | -1.71    | -0.87      |         | ppb   |
| Potassium  | 39-2  | 306.46   | 305.53   | 309.92   | 307.30     | 0.75    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 0.47     | -0.18    | -0.18    | 0.04       | 933.90  | ppb   |
| Selenium   | 78-2  | 0.74     | 0.10     | -0.65    | 0.06       | 1090.69 | ppb   |
| Selenium   | 82-1  | 0.10     | 0.21     | 0.23     | 0.18       | 39.81   | ppb   |
| Silicon    | 28-1  | 399.76   | 400.20   | 404.93   | 401.63     | 0.71    | ppb   |
| Silver     | 109-1 | 0.09     | 0.09     | 0.09     | 0.09       | 1.85    | ppb   |
| Silver     | 107-1 | 0.09     | 0.08     | 0.08     | 0.08       | 6.55    | ppb   |
| Sodium     | 23-2  | 34046.24 | 33853.17 | 34237.81 | 34045.74   | 0.56    | ppb   |
| Strontium  | 86-1  | 33.55    | 33.51    | 34.09    | 33.72      | 0.97    | ppb   |
| Strontium  | 88-1  | 33.72    | 33.42    | 33.27    | 33.47      | 0.70    | ppb   |
| Sulfur     | 34-1  | -942.72  | -928.22  | -795.99  | -888.98    |         | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.00     | 0.01     | 0.00     | 0.00       | 247.53  | ppb   |
| Thallium   | 205-1 | 0.00     | 0.00     | 0.01     | 0.00       | 112.45  | ppb   |
| Tin        | 118-1 | 0.03     | 0.04     | 0.03     | 0.03       | 12.08   | ppb   |
| Titanium   | 47-1  | -0.01    | 0.11     | 0.18     | 0.09       | 102.96  | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.01     | 0.01       | 6.71    | ppb   |
| Vanadium   | 51-2  | 0.05     | 0.03     | 0.02     | 0.03       | 42.93   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 1.83     | 1.27     | 1.41     | 1.50       | 19.47   | ppb   |
| Zirconium  | 90-1  | 0.02     | 0.04     | 0.03     | 0.03       | 39.23   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-07DLX20       | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0436DL          | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-11-10 17:04:55 | DataFile Name :   | 083SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.02    | 0.01    | 0.01       | 37.75   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-08DLX20       | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0437DL          | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-11-10 17:08:28 | DataFile Name :   | 084SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.31    | 1.18    | 1.83    | 1.10       | 69.14   | ppb   |
| Antimony   | 121-1 | 0.10    | 0.11    | 0.10    | 0.10       | 6.93    | ppb   |
| Arsenic    | 75-2  | 9.05    | 8.44    | 8.64    | 8.71       | 3.53    | ppb   |
| Barium     | 135-1 | 27.14   | 27.07   | 26.83   | 27.01      | 0.60    | ppb   |
| Barium     | 137-1 | 26.52   | 26.95   | 27.12   | 26.86      | 1.16    | ppb   |
| Beryllium  | 9-1   | 0.02    | 0.04    | 0.02    | 0.03       | 34.88   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 2.83    | 3.07    | 2.21    | 2.71       | 16.35   | ppb   |
| Boron      | 11-1  | 2.63    | 3.02    | 2.84    | 2.83       | 6.93    | ppb   |
| Cadmium    | 111-1 | -0.07   | -0.17   | -0.09   | -0.11      |         | ppb   |
| Cadmium    | 106-1 | -0.95   | -2.36   | -1.34   | -1.55      |         | ppb   |
| Cadmium    | 108-1 | 0.04    | 0.07    | 0.07    | 0.06       | 24.60   | ppb   |
| Calcium    | 43-1  | 4930.63 | 4975.01 | 4869.31 | 4924.99    | 1.08    | ppb   |
| Calcium    | 44-1  | 4987.35 | 4929.45 | 4921.10 | 4945.97    | 0.73    | ppb   |
| Chromium   | 52-2  | 0.04    | 0.06    | 0.05    | 0.05       | 12.38   | ppb   |
| Cobalt     | 59-2  | 0.87    | 0.85    | 0.84    | 0.85       | 1.47    | ppb   |
| Copper     | 63-2  | 0.49    | 0.50    | 0.49    | 0.49       | 1.11    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 2667.54 | 2666.53 | 2694.77 | 2676.28    | 0.60    | ppb   |
| Iron       | 57-2  | 2694.57 | 2684.38 | 2741.74 | 2706.90    | 1.13    | ppb   |
| Lead       | 206-1 | 0.03    | 0.01    | 0.01    | 0.02       | 59.82   | ppb   |
| Lead       | 207-1 | 0.05    | -0.01   | 0.02    | 0.02       | 128.08  | ppb   |
| Lead       | 208-1 | 0.04    | 0.02    | 0.03    | 0.03       | 42.49   | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 965.29  | 967.96  | 981.53  | 971.59     | 0.90    | ppb   |
| Manganese  | 55-2  | 693.81  | 690.69  | 690.97  | 691.83     | 0.25    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-08DLX20       | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0437DL          | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-11-10 17:08:28 | DataFile Name :   | 084SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.15     | 0.15     | 0.19     | 0.16       | 14.52   | ppb   |
| Molybdenum | 95-1  | 0.18     | 0.14     | 0.18     | 0.17       | 15.29   | ppb   |
| Molybdenum | 96-1  | 0.21     | 0.16     | 0.20     | 0.19       | 14.54   | ppb   |
| Molybdenum | 97-1  | 0.18     | 0.17     | 0.18     | 0.18       | 1.60    | ppb   |
| Molybdenum | 98-1  | 0.19     | 0.19     | 0.19     | 0.19       | 1.88    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.21     | 0.24     | 0.24     | 0.23       | 8.12    | ppb   |
| Phosphorus | 31-2  | 0.85     | 15.78    | 0.76     | 5.80       | 149.05  | ppb   |
| Potassium  | 39-2  | 320.57   | 319.36   | 328.83   | 322.92     | 1.60    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | -0.18    | -0.18    | 0.47     | 0.04       | 951.96  | ppb   |
| Selenium   | 78-2  | -0.74    | 0.10     | 0.73     | 0.03       | 2376.97 | ppb   |
| Selenium   | 82-1  | 0.54     | 0.44     | -0.06    | 0.30       | 105.62  | ppb   |
| Silicon    | 28-1  | 414.32   | 411.51   | 409.66   | 411.83     | 0.57    | ppb   |
| Silver     | 109-1 | 0.07     | 0.08     | 0.09     | 0.08       | 14.12   | ppb   |
| Silver     | 107-1 | 0.08     | 0.09     | 0.09     | 0.08       | 5.60    | ppb   |
| Sodium     | 23-2  | 35038.05 | 34304.95 | 34794.69 | 34712.56   | 1.08    | ppb   |
| Strontium  | 86-1  | 34.23    | 34.63    | 34.71    | 34.52      | 0.74    | ppb   |
| Strontium  | 88-1  | 34.45    | 34.66    | 34.42    | 34.51      | 0.38    | ppb   |
| Sulfur     | 34-1  | -795.03  | -872.64  | -821.44  | -829.70    |         | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.00     | 0.00     | 0.00     | 0.00       | 153.83  | ppb   |
| Thallium   | 205-1 | 0.00     | 0.00     | 0.00     | 0.00       | 33.06   | ppb   |
| Tin        | 118-1 | 0.03     | 0.04     | 0.02     | 0.03       | 28.56   | ppb   |
| Titanium   | 47-1  | 0.11     | 0.13     | 0.09     | 0.11       | 17.70   | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.01     | 0.01       | 6.07    | ppb   |
| Vanadium   | 51-2  | 0.03     | 0.03     | 0.02     | 0.03       | 22.25   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 1.29     | 1.35     | 0.82     | 1.15       | 25.09   | ppb   |
| Zirconium  | 90-1  | 0.01     | 0.02     | 0.02     | 0.02       | 28.64   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-08DLX20       | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0437DL          | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-11-10 17:08:28 | DataFile Name :   | 084SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.03    | 0.04    | 0.03       | 38.68   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6367-04RE          | Instrumnet Name : | P7        |
| Client Sample ID :      | P002-5001-0001-02RE | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 17:12:00 | DataFile Name :   | 085SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 117039.90 | 116584.82 | 116073.05 | 116565.92  | 0.41    | ppb   |
| Antimony   | 121-1 | 0.99      | 1.02      | 1.03      | 1.01       | 2.11    | ppb   |
| Arsenic    | 75-2  | 34.58     | 33.88     | 33.15     | 33.87      | 2.11    | ppb   |
| Barium     | 135-1 | 1103.14   | 1095.88   | 1087.65   | 1095.56    | 0.71    | ppb   |
| Barium     | 137-1 | 1112.66   | 1105.01   | 1107.70   | 1108.46    | 0.35    | ppb   |
| Beryllium  | 9-1   | 3.30      | 3.19      | 3.30      | 3.26       | 2.01    | ppb   |
| Bismuth    | 209-1 |           |           |           |            |         | %     |
| Bismuth    | 209-2 |           |           |           |            |         | %     |
| Boron      | 10-1  | 64.57     | 65.74     | 67.84     | 66.05      | 2.50    | ppb   |
| Boron      | 11-1  | 68.38     | 70.74     | 70.50     | 69.87      | 1.86    | ppb   |
| Cadmium    | 111-1 | 7.61      | 7.64      | 7.57      | 7.61       | 0.49    | ppb   |
| Cadmium    | 106-1 | 20.11     | 22.52     | 19.65     | 20.76      | 7.44    | ppb   |
| Cadmium    | 108-1 | 14.42     | 15.08     | 14.68     | 14.73      | 2.23    | ppb   |
| Calcium    | 43-1  | 245224.78 | 245137.77 | 244995.52 | 245119.36  | 0.05    | ppb   |
| Calcium    | 44-1  | 246991.66 | 245998.14 | 245487.31 | 246159.03  | 0.31    | ppb   |
| Chromium   | 52-2  | 858.38    | 868.23    | 859.53    | 862.05     | 0.62    | ppb   |
| Cobalt     | 59-2  | 207.65    | 208.84    | 207.34    | 207.94     | 0.38    | ppb   |
| Copper     | 63-2  | 533.45    | 536.88    | 528.85    | 533.06     | 0.76    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           |            |         | %     |
| Holmium    | 165-2 |           |           |           |            |         | %     |
| Indium     | 115-1 |           |           |           |            |         | %     |
| Indium     | 115-2 |           |           |           |            |         | %     |
| Iron       | 56-2  | 263778.20 | 263926.59 | 261140.91 | 262948.57  | 0.60    | ppb   |
| Iron       | 57-2  | 264101.79 | 263689.12 | 261787.15 | 263192.69  | 0.47    | ppb   |
| Lead       | 206-1 | 372.30    | 371.99    | 372.32    | 372.20     | 0.05    | ppb   |
| Lead       | 207-1 | 342.48    | 341.91    | 340.38    | 341.59     | 0.32    | ppb   |
| Lead       | 208-1 | 356.35    | 356.12    | 354.65    | 355.70     | 0.26    | ppb   |
| Lithium    | 6-1   |           |           |           |            |         | %     |
| Magnesium  | 24-2  | 136163.51 | 136176.66 | 135312.40 | 135884.19  | 0.36    | ppb   |
| Manganese  | 55-2  | 8502.15   | 8494.20   | 8459.86   | 8485.40    | 0.26    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6367-04RE          | Instrumnet Name : | P7        |
| Client Sample ID :      | P002-5001-0001-02RE | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 17:12:00 | DataFile Name :   | 085SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 117.49   | 117.28   | 115.85   | 116.87     | 0.76    | ppb   |
| Molybdenum | 95-1  | 2.97     | 2.93     | 3.03     | 2.98       | 1.64    | ppb   |
| Molybdenum | 96-1  | 17.76    | 18.12    | 18.10    | 18.00      | 1.13    | ppb   |
| Molybdenum | 97-1  | 2.99     | 3.04     | 2.96     | 3.00       | 1.36    | ppb   |
| Molybdenum | 98-1  | 2.95     | 2.87     | 2.95     | 2.93       | 1.58    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 1049.37  | 1053.85  | 1043.12  | 1048.78    | 0.51    | ppb   |
| Phosphorus | 31-2  | 12382.87 | 12417.01 | 12101.46 | 12300.45   | 1.41    | ppb   |
| Potassium  | 39-2  | 12082.00 | 12102.10 | 12071.97 | 12085.35   | 0.13    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 63.53    | 51.98    | 46.08    | 53.87      | 16.48   | ppb   |
| Selenium   | 78-2  | 8.92     | 9.33     | 10.18    | 9.48       | 6.76    | ppb   |
| Selenium   | 82-1  | 2.67     | 2.80     | 2.28     | 2.58       | 10.58   | ppb   |
| Silicon    | 28-1  | 15399.34 | 15346.45 | 15427.66 | 15391.15   | 0.27    | ppb   |
| Silver     | 109-1 | 0.56     | 0.50     | 0.55     | 0.53       | 6.17    | ppb   |
| Silver     | 107-1 | 0.62     | 0.60     | 0.58     | 0.60       | 3.32    | ppb   |
| Sodium     | 23-2  | 3569.55  | 3553.91  | 3531.83  | 3551.76    | 0.53    | ppb   |
| Strontium  | 86-1  | 1157.32  | 1146.14  | 1150.47  | 1151.31    | 0.49    | ppb   |
| Strontium  | 88-1  | 1166.07  | 1169.41  | 1166.15  | 1167.21    | 0.16    | ppb   |
| Sulfur     | 34-1  | 3627.12  | 3517.10  | 3440.40  | 3528.21    | 2.66    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.29     | 0.33     | 0.28     | 0.30       | 8.58    | ppb   |
| Thallium   | 205-1 | 0.30     | 0.30     | 0.30     | 0.30       | 0.42    | ppb   |
| Tin        | 118-1 | 3.05     | 3.05     | 3.13     | 3.07       | 1.55    | ppb   |
| Titanium   | 47-1  | 3495.83  | 3480.12  | 3500.02  | 3491.99    | 0.30    | ppb   |
| Uranium    | 238-1 | 3.60     | 3.53     | 3.55     | 3.56       | 1.06    | ppb   |
| Vanadium   | 51-2  | 641.74   | 638.80   | 635.84   | 638.79     | 0.46    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 2306.06  | 2316.89  | 2289.82  | 2304.26    | 0.59    | ppb   |
| Zirconium  | 90-1  | 72.79    | 72.18    | 72.34    | 72.44      | 0.44    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6367-04RE          | Instrumnet Name : | P7        |
| Client Sample ID :      | P002-5001-0001-02RE | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 17:12:00 | DataFile Name :   | 085SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 73.99   | 73.25   | 73.12   | 73.45      | 0.64    | ppb   |

LB Number : LB91543 Operator : Jaswal  
 Lab Sample ID : I6367-04REDLX2 Instrumnet Name : P7  
 Client Sample ID : P002-5001-0001-02REDI Dilution Factor : 2  
 Date & Time Acquired :: 2017-11-10 17:15:35 DataFile Name : 086SMPL.d

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 62178.22  | 61808.16  | 62143.68  | 62043.36   | 0.33    | ppb   |
| Antimony   | 121-1 | 0.53      | 0.52      | 0.51      | 0.52       | 1.98    | ppb   |
| Arsenic    | 75-2  | 18.80     | 18.41     | 18.56     | 18.59      | 1.05    | ppb   |
| Barium     | 135-1 | 546.87    | 545.52    | 543.36    | 545.25     | 0.32    | ppb   |
| Barium     | 137-1 | 550.56    | 552.84    | 547.74    | 550.38     | 0.46    | ppb   |
| Beryllium  | 9-1   | 1.70      | 1.76      | 1.85      | 1.77       | 4.20    | ppb   |
| Bismuth    | 209-1 |           |           |           |            |         | %     |
| Bismuth    | 209-2 |           |           |           |            |         | %     |
| Boron      | 10-1  | 34.05     | 34.34     | 37.09     | 35.16      | 4.78    | ppb   |
| Boron      | 11-1  | 36.39     | 36.23     | 36.87     | 36.50      | 0.91    | ppb   |
| Cadmium    | 111-1 | 3.81      | 3.77      | 3.83      | 3.80       | 0.81    | ppb   |
| Cadmium    | 106-1 | 9.48      | 8.76      | 8.38      | 8.87       | 6.31    | ppb   |
| Cadmium    | 108-1 | 7.28      | 7.13      | 6.98      | 7.13       | 2.05    | ppb   |
| Calcium    | 43-1  | 129869.86 | 129805.36 | 129600.06 | 129758.43  | 0.11    | ppb   |
| Calcium    | 44-1  | 132193.81 | 131981.46 | 131649.29 | 131941.52  | 0.21    | ppb   |
| Chromium   | 52-2  | 457.65    | 460.71    | 461.68    | 460.01     | 0.46    | ppb   |
| Cobalt     | 59-2  | 112.04    | 112.21    | 112.95    | 112.40     | 0.43    | ppb   |
| Copper     | 63-2  | 289.99    | 291.92    | 290.03    | 290.65     | 0.38    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           |            |         | %     |
| Holmium    | 165-2 |           |           |           |            |         | %     |
| Indium     | 115-1 |           |           |           |            |         | %     |
| Indium     | 115-2 |           |           |           |            |         | %     |
| Iron       | 56-2  | 140583.09 | 141351.06 | 141038.04 | 140990.73  | 0.27    | ppb   |
| Iron       | 57-2  | 141548.60 | 141124.73 | 141439.32 | 141370.88  | 0.16    | ppb   |
| Lead       | 206-1 | 182.01    | 180.79    | 181.24    | 181.35     | 0.34    | ppb   |
| Lead       | 207-1 | 167.16    | 165.90    | 166.62    | 166.56     | 0.38    | ppb   |
| Lead       | 208-1 | 173.34    | 172.49    | 172.99    | 172.94     | 0.25    | ppb   |
| Lithium    | 6-1   |           |           |           |            |         | %     |
| Magnesium  | 24-2  | 72572.89  | 72363.05  | 72645.11  | 72527.02   | 0.20    | ppb   |
| Manganese  | 55-2  | 4534.68   | 4541.32   | 4540.60   | 4538.86    | 0.08    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB91543               | Operator :        | Jaswal    |
| Lab Sample ID :         | I6367-04REDLX2        | Instrumnet Name : | P7        |
| Client Sample ID :      | P002-5001-0001-02REDI | Dilution Factor : | 2         |
| Date & Time Acquired :: | 2017-11-10 17:15:35   | DataFile Name :   | 086SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 64.01   | 62.57   | 63.99   | 63.52      | 1.30    | ppb   |
| Molybdenum | 95-1  | 1.70    | 1.68    | 1.72    | 1.70       | 1.01    | ppb   |
| Molybdenum | 96-1  | 9.73    | 9.70    | 9.91    | 9.78       | 1.17    | ppb   |
| Molybdenum | 97-1  | 1.59    | 1.61    | 1.63    | 1.61       | 1.23    | ppb   |
| Molybdenum | 98-1  | 1.68    | 1.62    | 1.60    | 1.63       | 2.47    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 568.12  | 571.32  | 571.71  | 570.38     | 0.35    | ppb   |
| Phosphorus | 31-2  | 6653.41 | 6517.69 | 6589.47 | 6586.85    | 1.03    | ppb   |
| Potassium  | 39-2  | 6484.28 | 6450.38 | 6429.24 | 6454.64    | 0.43    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 28.02   | 17.61   | 29.62   | 25.09      | 26.00   | ppb   |
| Selenium   | 78-2  | 5.62    | 6.72    | 5.59    | 5.98       | 10.78   | ppb   |
| Selenium   | 82-1  | 1.47    | 1.85    | 1.83    | 1.72       | 12.64   | ppb   |
| Silicon    | 28-1  | 8300.67 | 8325.42 | 8364.11 | 8330.07    | 0.38    | ppb   |
| Silver     | 109-1 | 0.29    | 0.32    | 0.30    | 0.30       | 4.45    | ppb   |
| Silver     | 107-1 | 0.30    | 0.30    | 0.33    | 0.31       | 5.64    | ppb   |
| Sodium     | 23-2  | 1899.20 | 1900.00 | 1896.05 | 1898.42    | 0.11    | ppb   |
| Strontium  | 86-1  | 629.84  | 621.36  | 625.79  | 625.67     | 0.68    | ppb   |
| Strontium  | 88-1  | 640.29  | 637.02  | 640.68  | 639.33     | 0.31    | ppb   |
| Sulfur     | 34-1  | 1193.44 | 1055.80 | 1114.91 | 1121.38    | 6.16    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.16    | 0.14    | 0.15    | 0.15       | 5.95    | ppb   |
| Thallium   | 205-1 | 0.15    | 0.14    | 0.15    | 0.15       | 1.28    | ppb   |
| Tin        | 118-1 | 1.60    | 1.52    | 1.65    | 1.59       | 4.28    | ppb   |
| Titanium   | 47-1  | 1869.51 | 1859.88 | 1862.88 | 1864.09    | 0.26    | ppb   |
| Uranium    | 238-1 | 1.77    | 1.71    | 1.76    | 1.74       | 1.91    | ppb   |
| Vanadium   | 51-2  | 340.89  | 340.28  | 339.95  | 340.37     | 0.14    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 1255.32 | 1270.75 | 1266.35 | 1264.14    | 0.63    | ppb   |
| Zirconium  | 90-1  | 39.51   | 39.03   | 39.29   | 39.28      | 0.62    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB91543               | Operator :        | Jaswal    |
| Lab Sample ID :         | I6367-04REDLX2        | Instrumnet Name : | P7        |
| Client Sample ID :      | P002-5001-0001-02REDI | Dilution Factor : | 2         |
| Date & Time Acquired :: | 2017-11-10 17:15:35   | DataFile Name :   | 086SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 39.65   | 40.00   | 39.87   | 39.84      | 0.45    | ppb   |



LB Number : LB91543 Operator : Jaswal  
 Lab Sample ID : I6367-04REDL2X20 Instrumnet Name : P7  
 Client Sample ID : P002-5001-0001-02REDI Dilution Factor : 20  
 Date & Time Acquired :: 2017-11-10 17:19:08 DataFile Name : 087SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 6315.17  | 6347.72  | 6297.49  | 6320.13    | 0.40    | ppb   |
| Antimony   | 121-1 | 0.07     | 0.08     | 0.09     | 0.08       | 12.51   | ppb   |
| Arsenic    | 75-2  | 1.80     | 2.00     | 1.94     | 1.91       | 5.42    | ppb   |
| Barium     | 135-1 | 52.67    | 51.66    | 51.31    | 51.88      | 1.36    | ppb   |
| Barium     | 137-1 | 52.10    | 52.33    | 52.94    | 52.46      | 0.83    | ppb   |
| Beryllium  | 9-1   | 0.17     | 0.12     | 0.21     | 0.17       | 26.14   | ppb   |
| Bismuth    | 209-1 |          |          |          |            |         | %     |
| Bismuth    | 209-2 |          |          |          |            |         | %     |
| Boron      | 10-1  | 5.39     | 4.30     | 6.41     | 5.37       | 19.69   | ppb   |
| Boron      | 11-1  | 5.34     | 5.30     | 5.16     | 5.27       | 1.74    | ppb   |
| Cadmium    | 111-1 | 0.29     | 0.15     | 0.16     | 0.20       | 39.56   | ppb   |
| Cadmium    | 106-1 | -0.27    | -2.73    | -2.02    | -1.68      |         | ppb   |
| Cadmium    | 108-1 | 0.87     | 0.60     | 0.88     | 0.78       | 20.03   | ppb   |
| Calcium    | 43-1  | 13100.07 | 13064.39 | 13059.48 | 13074.65   | 0.17    | ppb   |
| Calcium    | 44-1  | 13406.33 | 13458.23 | 13419.50 | 13428.02   | 0.20    | ppb   |
| Chromium   | 52-2  | 46.58    | 47.09    | 46.66    | 46.78      | 0.58    | ppb   |
| Cobalt     | 59-2  | 11.46    | 11.63    | 11.66    | 11.58      | 0.90    | ppb   |
| Copper     | 63-2  | 30.45    | 30.53    | 30.81    | 30.59      | 0.62    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          |            |         | %     |
| Holmium    | 165-2 |          |          |          |            |         | %     |
| Indium     | 115-1 |          |          |          |            |         | %     |
| Indium     | 115-2 |          |          |          |            |         | %     |
| Iron       | 56-2  | 14527.20 | 14522.64 | 14460.74 | 14503.52   | 0.26    | ppb   |
| Iron       | 57-2  | 14192.55 | 14218.91 | 14247.39 | 14219.62   | 0.19    | ppb   |
| Lead       | 206-1 | 17.09    | 16.68    | 16.78    | 16.85      | 1.28    | ppb   |
| Lead       | 207-1 | 15.65    | 15.46    | 15.26    | 15.46      | 1.27    | ppb   |
| Lead       | 208-1 | 16.24    | 15.94    | 15.96    | 16.05      | 1.03    | ppb   |
| Lithium    | 6-1   |          |          |          |            |         | %     |
| Magnesium  | 24-2  | 7363.02  | 7330.17  | 7363.21  | 7352.13    | 0.26    | ppb   |
| Manganese  | 55-2  | 456.38   | 455.38   | 457.98   | 456.58     | 0.29    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB91543               | Operator :        | Jaswal    |
| Lab Sample ID :         | I6367-04REDL2X20      | Instrumnet Name : | P7        |
| Client Sample ID :      | P002-5001-0001-02REDI | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-11-10 17:19:08   | DataFile Name :   | 087SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 6.52     | 6.35     | 6.53     | 6.47       | 1.52    | ppb   |
| Molybdenum | 95-1  | 0.20     | 0.20     | 0.19     | 0.20       | 4.24    | ppb   |
| Molybdenum | 96-1  | 1.05     | 1.00     | 1.03     | 1.03       | 2.51    | ppb   |
| Molybdenum | 97-1  | 0.17     | 0.17     | 0.18     | 0.17       | 5.41    | ppb   |
| Molybdenum | 98-1  | 0.17     | 0.22     | 0.22     | 0.20       | 12.27   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 58.77    | 59.58    | 59.36    | 59.23      | 0.71    | ppb   |
| Phosphorus | 31-2  | 658.53   | 685.49   | 647.35   | 663.79     | 2.95    | ppb   |
| Potassium  | 39-2  | 663.90   | 673.11   | 662.86   | 666.62     | 0.85    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 4.14     | 2.91     | 4.14     | 3.73       | 19.01   | ppb   |
| Selenium   | 78-2  | 2.18     | 0.48     | 0.57     | 1.08       | 88.95   | ppb   |
| Selenium   | 82-1  | 0.34     | 0.41     | 0.77     | 0.51       | 44.60   | ppb   |
| Silicon    | 28-1  | 931.92   | 936.78   | 922.32   | 930.34     | 0.79    | ppb   |
| Silver     | 109-1 | 0.06     | 0.06     | 0.07     | 0.06       | 9.83    | ppb   |
| Silver     | 107-1 | 0.07     | 0.05     | 0.06     | 0.06       | 11.81   | ppb   |
| Sodium     | 23-2  | 222.13   | 224.17   | 223.99   | 223.43     | 0.51    | ppb   |
| Strontium  | 86-1  | 65.24    | 64.98    | 64.41    | 64.88      | 0.65    | ppb   |
| Strontium  | 88-1  | 64.61    | 64.60    | 64.27    | 64.49      | 0.30    | ppb   |
| Sulfur     | 34-1  | -1271.25 | -1160.26 | -1272.19 | -1234.57   |         | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.02     | 0.02     | 0.02     | 0.02       | 17.74   | ppb   |
| Thallium   | 205-1 | 0.02     | 0.02     | 0.02     | 0.02       | 4.02    | ppb   |
| Tin        | 118-1 | 0.14     | 0.15     | 0.12     | 0.14       | 11.24   | ppb   |
| Titanium   | 47-1  | 185.89   | 188.78   | 186.26   | 186.98     | 0.84    | ppb   |
| Uranium    | 238-1 | 0.14     | 0.16     | 0.16     | 0.15       | 6.61    | ppb   |
| Vanadium   | 51-2  | 34.93    | 34.17    | 34.57    | 34.55      | 1.10    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 136.91   | 135.47   | 134.42   | 135.60     | 0.92    | ppb   |
| Zirconium  | 90-1  | 3.97     | 4.01     | 3.95     | 3.98       | 0.81    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB91543               | Operator :        | Jaswal    |
| Lab Sample ID :         | I6367-04REDL2X20      | Instrumnet Name : | P7        |
| Client Sample ID :      | P002-5001-0001-02REDI | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-11-10 17:19:08   | DataFile Name :   | 087SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 4.08    | 4.14    | 4.02    | 4.08       | 1.53    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB91543             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV31               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV31               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-11-10 17:25:35 | DataFile Name :   | 088CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 48038.76  | 47852.21  | 48262.60  | 48051.19   | 0.43    | ppb   |
| Antimony   | 121-1 | 484.24    | 491.55    | 493.66    | 489.82     | 1.01    | ppb   |
| Arsenic    | 75-2  | 485.18    | 484.89    | 486.39    | 485.49     | 0.16    | ppb   |
| Barium     | 135-1 | 2382.11   | 2405.08   | 2405.99   | 2397.73    | 0.56    | ppb   |
| Barium     | 137-1 | 2443.71   | 2468.53   | 2482.25   | 2464.83    | 0.79    | ppb   |
| Beryllium  | 9-1   | 508.19    | 505.89    | 509.89    | 507.99     | 0.40    | ppb   |
| Bismuth    | 209-1 |           |           |           |            |         | %     |
| Bismuth    | 209-2 |           |           |           |            |         | %     |
| Boron      | 10-1  | 481.05    | 503.74    | 507.72    | 497.50     | 2.89    | ppb   |
| Boron      | 11-1  | 495.30    | 501.47    | 516.16    | 504.31     | 2.12    | ppb   |
| Cadmium    | 111-1 | 474.22    | 475.14    | 477.52    | 475.62     | 0.36    | ppb   |
| Cadmium    | 106-1 | 467.66    | 468.06    | 471.26    | 468.99     | 0.42    | ppb   |
| Cadmium    | 108-1 | 467.28    | 472.33    | 476.48    | 472.03     | 0.98    | ppb   |
| Calcium    | 43-1  | 240798.41 | 240829.96 | 244084.99 | 241904.45  | 0.78    | ppb   |
| Calcium    | 44-1  | 241963.97 | 242186.30 | 244017.37 | 242722.54  | 0.46    | ppb   |
| Chromium   | 52-2  | 496.37    | 491.79    | 494.81    | 494.32     | 0.47    | ppb   |
| Cobalt     | 59-2  | 493.60    | 489.96    | 491.41    | 491.66     | 0.37    | ppb   |
| Copper     | 63-2  | 970.45    | 963.40    | 966.68    | 966.84     | 0.36    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           |            |         | %     |
| Holmium    | 165-2 |           |           |           |            |         | %     |
| Indium     | 115-1 |           |           |           |            |         | %     |
| Indium     | 115-2 |           |           |           |            |         | %     |
| Iron       | 56-2  | 126586.50 | 125151.44 | 125731.86 | 125823.26  | 0.57    | ppb   |
| Iron       | 57-2  | 126475.87 | 125571.76 | 125519.06 | 125855.56  | 0.43    | ppb   |
| Lead       | 206-1 | 485.95    | 483.80    | 486.19    | 485.32     | 0.27    | ppb   |
| Lead       | 207-1 | 481.03    | 479.73    | 480.08    | 480.28     | 0.14    | ppb   |
| Lead       | 208-1 | 492.11    | 490.56    | 490.77    | 491.15     | 0.17    | ppb   |
| Lithium    | 6-1   |           |           |           |            |         | %     |
| Magnesium  | 24-2  | 246753.39 | 244809.91 | 246180.54 | 245914.61  | 0.41    | ppb   |
| Manganese  | 55-2  | 989.94    | 982.44    | 984.23    | 985.54     | 0.40    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB91543             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV31               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV31               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-11-10 17:25:35 | DataFile Name :   | 088CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 2476.03   | 2473.12   | 2480.97   | 2476.70    | 0.16    | ppb   |
| Molybdenum | 95-1  | 2483.45   | 2468.67   | 2472.99   | 2475.04    | 0.31    | ppb   |
| Molybdenum | 96-1  | 2469.01   | 2473.24   | 2463.66   | 2468.64    | 0.19    | ppb   |
| Molybdenum | 97-1  | 2472.15   | 2470.21   | 2477.31   | 2473.22    | 0.15    | ppb   |
| Molybdenum | 98-1  | 2478.88   | 2471.34   | 2482.09   | 2477.44    | 0.22    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 487.68    | 482.46    | 484.39    | 484.84     | 0.54    | ppb   |
| Phosphorus | 31-2  | 9670.26   | 10001.40  | 9623.70   | 9765.12    | 2.11    | ppb   |
| Potassium  | 39-2  | 122496.74 | 122228.66 | 122151.79 | 122292.40  | 0.15    | ppb   |
| Rhodium    | 103-1 |           |           |           |            |         | %     |
| Rhodium    | 103-2 |           |           |           |            |         | %     |
| Scandium   | 45-1  |           |           |           |            |         | %     |
| Scandium   | 45-2  |           |           |           |            |         | %     |
| Selenium   | 77-2  | 483.05    | 486.83    | 487.36    | 485.75     | 0.48    | ppb   |
| Selenium   | 78-2  | 471.12    | 475.09    | 477.36    | 474.52     | 0.67    | ppb   |
| Selenium   | 82-1  | 474.28    | 464.15    | 467.93    | 468.79     | 1.09    | ppb   |
| Silicon    | 28-1  | 563.28    | 575.02    | 589.88    | 576.06     | 2.31    | ppb   |
| Silver     | 109-1 | 467.80    | 467.38    | 473.86    | 469.68     | 0.77    | ppb   |
| Silver     | 107-1 | 465.52    | 466.03    | 469.36    | 466.97     | 0.45    | ppb   |
| Sodium     | 23-2  | 247885.50 | 244815.21 | 246099.37 | 246266.69  | 0.63    | ppb   |
| Strontium  | 86-1  | 498.27    | 498.06    | 497.49    | 497.94     | 0.08    | ppb   |
| Strontium  | 88-1  | 509.60    | 505.87    | 507.30    | 507.59     | 0.37    | ppb   |
| Sulfur     | 34-1  | 8686.19   | 8653.42   | 8938.97   | 8759.53    | 1.78    | ppb   |
| Terbium    | 159-1 |           |           |           |            |         | %     |
| Terbium    | 159-2 |           |           |           |            |         | %     |
| Thallium   | 203-1 | 483.18    | 480.52    | 486.26    | 483.32     | 0.59    | ppb   |
| Thallium   | 205-1 | 501.20    | 500.76    | 503.81    | 501.92     | 0.33    | ppb   |
| Tin        | 118-1 | 463.17    | 466.56    | 466.52    | 465.42     | 0.42    | ppb   |
| Titanium   | 47-1  | 2446.92   | 2453.68   | 2454.20   | 2451.60    | 0.17    | ppb   |
| Uranium    | 238-1 | 492.75    | 494.15    | 494.30    | 493.74     | 0.17    | ppb   |
| Vanadium   | 51-2  | 502.96    | 500.11    | 501.78    | 501.62     | 0.29    | ppb   |
| Yttrium    | 89-1  |           |           |           |            |         | %     |
| Yttrium    | 89-2  |           |           |           |            |         | %     |
| Zinc       | 66-2  | 973.56    | 967.25    | 970.98    | 970.60     | 0.33    | ppb   |
| Zirconium  | 90-1  | 496.70    | 494.67    | 496.48    | 495.95     | 0.22    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB91543             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV31               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV31               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-11-10 17:25:35 | DataFile Name :   | 088CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 486.27  | 490.29  | 487.85  | 488.14     | 0.41    | ppb   |

LB Number : LB91543 Operator : Jaswal  
 Lab Sample ID : CCB31 Instrumnet Name : P7  
 Client Sample ID : CCB31 Dilution Factor : 1  
 Date & Time Acquired :: 2017-11-10 17:35:38 DataFile Name : 089CCBE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.87    | 0.74    | 0.02    | 0.54       | 84.57   | ppb   |
| Antimony   | 121-1 | 0.24    | 0.23    | 0.23    | 0.24       | 3.33    | ppb   |
| Arsenic    | 75-2  | 0.03    | 0.01    | 0.01    | 0.02       | 38.40   | ppb   |
| Barium     | 135-1 | 0.01    | 0.00    | 0.01    | 0.01       | 56.25   | ppb   |
| Barium     | 137-1 | -0.01   | 0.01    | -0.01   | 0.00       |         | ppb   |
| Beryllium  | 9-1   | 0.06    | 0.05    | 0.08    | 0.06       | 25.35   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.35    | 3.52    | 2.30    | 3.39       | 30.44   | ppb   |
| Boron      | 11-1  | 3.66    | 3.47    | 3.37    | 3.50       | 4.29    | ppb   |
| Cadmium    | 111-1 | -0.21   | -0.23   | -0.24   | -0.22      |         | ppb   |
| Cadmium    | 106-1 | -2.88   | -3.13   | -3.16   | -3.06      |         | ppb   |
| Cadmium    | 108-1 | -0.01   | -0.01   | 0.07    | 0.02       | 228.81  | ppb   |
| Calcium    | 43-1  | 3.16    | 1.18    | 0.84    | 1.72       | 72.74   | ppb   |
| Calcium    | 44-1  | -4.34   | -5.80   | -4.88   | -5.01      |         | ppb   |
| Chromium   | 52-2  | -0.01   | -0.02   | -0.01   | -0.01      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 0.08    | 0.09    | 0.09    | 0.09       | 4.38    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 2.40    | 2.23    | 2.02    | 2.22       | 8.70    | ppb   |
| Iron       | 57-2  | 2.24    | 3.16    | 2.35    | 2.58       | 19.31   | ppb   |
| Lead       | 206-1 | 0.09    | 0.11    | 0.10    | 0.10       | 11.28   | ppb   |
| Lead       | 207-1 | 0.08    | 0.08    | 0.07    | 0.08       | 10.12   | ppb   |
| Lead       | 208-1 | 0.08    | 0.09    | 0.09    | 0.09       | 5.46    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 0.61    | 0.54    | -0.40   | 0.25       | 226.18  | ppb   |
| Manganese  | 55-2  | 0.08    | 0.05    | 0.09    | 0.07       | 27.70   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB31               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB31               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 17:35:38 | DataFile Name :   | 089CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD  | Units |
|------------|-------|---------|---------|---------|------------|----------|-------|
| Molybdenum | 94-1  | 0.19    | 0.21    | 0.22    | 0.21       | 7.37     | ppb   |
| Molybdenum | 95-1  | 0.17    | 0.17    | 0.13    | 0.16       | 13.35    | ppb   |
| Molybdenum | 96-1  | 0.15    | 0.15    | 0.13    | 0.14       | 9.69     | ppb   |
| Molybdenum | 97-1  | 0.17    | 0.20    | 0.18    | 0.19       | 9.80     | ppb   |
| Molybdenum | 98-1  | 0.16    | 0.17    | 0.15    | 0.16       | 4.49     | ppb   |
| Neodymium  | 150-1 |         |         |         |            |          | cps   |
| Neodymium  | 150-2 |         |         |         |            |          | cps   |
| Nickel     | 60-2  | -0.04   | -0.04   | 0.00    | -0.02      |          | ppb   |
| Phosphorus | 31-2  | -5.11   | 11.67   | -7.56   | -0.33      |          | ppb   |
| Potassium  | 39-2  | 9.86    | 10.57   | 9.76    | 10.06      | 4.36     | ppb   |
| Rhodium    | 103-1 |         |         |         |            |          | %     |
| Rhodium    | 103-2 |         |         |         |            |          | %     |
| Scandium   | 45-1  |         |         |         |            |          | %     |
| Scandium   | 45-2  |         |         |         |            |          | %     |
| Selenium   | 77-2  | -0.18   | -0.18   | -0.18   | -0.18      |          | ppb   |
| Selenium   | 78-2  | 0.98    | 0.79    | 1.50    | 1.09       | 33.63    | ppb   |
| Selenium   | 82-1  | 0.30    | -0.17   | 0.62    | 0.25       | 156.62   | ppb   |
| Silicon    | 28-1  | -2.18   | -2.07   | -1.61   | -1.95      |          | ppb   |
| Silver     | 109-1 | 0.03    | 0.02    | 0.03    | 0.03       | 28.60    | ppb   |
| Silver     | 107-1 | 0.02    | 0.01    | 0.01    | 0.01       | 53.56    | ppb   |
| Sodium     | 23-2  | 35.75   | 33.42   | 30.63   | 33.27      | 7.70     | ppb   |
| Strontium  | 86-1  | -0.04   | 0.00    | 0.04    | 0.00       | 25363.92 | ppb   |
| Strontium  | 88-1  | 0.01    | 0.01    | 0.02    | 0.01       | 22.62    | ppb   |
| Sulfur     | 34-1  | -968.36 | -947.32 | -993.61 | -969.76    |          | ppb   |
| Terbium    | 159-1 |         |         |         |            |          | %     |
| Terbium    | 159-2 |         |         |         |            |          | %     |
| Thallium   | 203-1 | 0.02    | 0.02    | 0.02    | 0.02       | 7.09     | ppb   |
| Thallium   | 205-1 | 0.03    | 0.02    | 0.02    | 0.02       | 23.00    | ppb   |
| Tin        | 118-1 | 0.04    | 0.02    | 0.04    | 0.04       | 29.65    | ppb   |
| Titanium   | 47-1  | 0.04    | 0.01    | 0.07    | 0.04       | 72.79    | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       |          | ppb   |
| Vanadium   | 51-2  | 0.01    | 0.01    | 0.01    | 0.01       | 55.27    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |          | %     |
| Yttrium    | 89-2  |         |         |         |            |          | %     |
| Zinc       | 66-2  | 0.17    | 0.25    | 0.07    | 0.16       | 57.07    | ppb   |
| Zirconium  | 90-1  | 0.03    | 0.05    | 0.05    | 0.04       | 19.33    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB31               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB31               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 17:35:38 | DataFile Name :   | 089CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.05    | 0.04    | 0.04    | 0.04       | 9.08    | ppb   |

LB Number : LB91543 Operator : Jaswal  
 Lab Sample ID : S0 Instrumnet Name : P7  
 Client Sample ID : S0 Dilution Factor : 1  
 Date & Time Acquired :: 2017-11-10 11:35:40 DataFile Name : 003CALB.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 33       | 33       | 83       | 50       | 57.75  | cps   |
| Antimony   | 121-1 | 100      | 142      | 150      | 131      | 20.52  | cps   |
| Arsenic    | 75-2  | 9        | 7        | 7        | 8        | 13.31  | cps   |
| Barium     | 135-1 | 75       | 58       | 142      | 92       | 48.11  | cps   |
| Barium     | 137-1 | 192      | 158      | 267      | 206      | 26.99  | cps   |
| Beryllium  | 9-1   | 100      | 22       | 72       | 65       | 60.81  | cps   |
| Bismuth    | 209-1 | 11889261 | 11916140 | 11942996 | 11916133 | 0.23   | cps   |
| Bismuth    | 209-2 | 7160500  | 7122720  | 7097914  | 7127045  | 0.44   | cps   |
| Boron      | 10-1  | 92       | 108      | 133      | 111      | 18.88  | cps   |
| Boron      | 11-1  | 433      | 392      | 383      | 403      | 6.65   | cps   |
| Cadmium    | 111-1 | 2413     | 2475     | 2556     | 2482     | 2.90   | cps   |
| Cadmium    | 106-1 | 3434     | 3501     | 3634     | 3523     | 2.89   | cps   |
| Cadmium    | 108-1 | 17       | 0        | 0        | 6        | 173.21 | cps   |
| Calcium    | 43-1  | 292      | 258      | 183      | 244      | 22.70  | cps   |
| Calcium    | 44-1  | 16059    | 16552    | 15959    | 16190    | 1.96   | cps   |
| Chromium   | 52-2  | 1523     | 1493     | 1513     | 1510     | 1.01   | cps   |
| Cobalt     | 59-2  | 130      | 187      | 130      | 149      | 21.97  | cps   |
| Copper     | 63-2  | 1593     | 1470     | 1520     | 1528     | 4.06   | cps   |
| Dysprosium | 156-1 | 17       | 25       | 17       | 19       | 24.73  | cps   |
| Dysprosium | 156-2 | 0        | 0        | 10       | 3        | 173.21 | cps   |
| Erbium     | 164-1 | 17       | 50       | 67       | 44       | 57.28  | cps   |
| Erbium     | 164-2 | 30       | 27       | 37       | 31       | 16.37  | cps   |
| Gadolinium | 160-1 | 58       | 83       | 92       | 78       | 22.30  | cps   |
| Gadolinium | 160-2 | 123      | 87       | 140      | 117      | 23.39  | cps   |
| Holmium    | 165-1 | 17687516 | 17843428 | 17677327 | 17736090 | 0.52   | cps   |
| Holmium    | 165-2 | 9350120  | 9261836  | 9202065  | 9271341  | 0.80   | cps   |
| Indium     | 115-1 | 14766817 | 14799358 | 14832057 | 14799411 | 0.22   | cps   |
| Indium     | 115-2 | 2858705  | 2849564  | 2866227  | 2858165  | 0.29   | cps   |
| Iron       | 56-2  | 3534     | 3373     | 3501     | 3469     | 2.45   | cps   |
| Iron       | 57-2  | 139      | 139      | 156      | 144      | 6.66   | cps   |
| Lead       | 206-1 | 978      | 950      | 911      | 946      | 3.54   | cps   |
| Lead       | 207-1 | 906      | 900      | 928      | 911      | 1.61   | cps   |
| Lead       | 208-1 | 3873     | 3895     | 4039     | 3936     | 2.30   | cps   |
| Lithium    | 6-1   | 2671204  | 2675706  | 2676740  | 2674550  | 0.11   | cps   |
| Magnesium  | 24-2  | 683      | 908      | 708      | 767      | 16.09  | cps   |
| Manganese  | 55-2  | 70       | 73       | 80       | 74       | 6.84   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | S0                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S0                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 11:35:40 | DataFile Name :   | 003CALB.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 358      | 342      | 283      | 328      | 12.01  | cps   |
| Molybdenum | 95-1  | 75       | 67       | 75       | 72       | 6.66   | cps   |
| Molybdenum | 96-1  | 125      | 92       | 133      | 117      | 18.90  | cps   |
| Molybdenum | 97-1  | 42       | 17       | 50       | 36       | 48.03  | cps   |
| Molybdenum | 98-1  | 83       | 33       | 92       | 69       | 45.44  | cps   |
| Neodymium  | 150-1 | 13       | 20       | 7        | 13       | 49.99  | cps   |
| Neodymium  | 150-2 | 0        | 7        | 7        | 4        | 86.60  | cps   |
| Nickel     | 60-2  | 147      | 163      | 173      | 161      | 8.36   | cps   |
| Phosphorus | 31-2  | 100      | 75       | 67       | 81       | 21.53  | cps   |
| Potassium  | 39-2  | 16118    | 16184    | 15484    | 15929    | 2.43   | cps   |
| Rhodium    | 103-1 | 13442170 | 13554653 | 13572088 | 13522970 | 0.52   | cps   |
| Rhodium    | 103-2 | 6748081  | 6759765  | 6745075  | 6750973  | 0.11   | cps   |
| Scandium   | 45-1  | 8610606  | 8650762  | 8667627  | 8642998  | 0.34   | cps   |
| Scandium   | 45-2  | 370586   | 367928   | 371970   | 370162   | 0.55   | cps   |
| Selenium   | 77-2  | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 52       | 46       | 59       | 52       | 12.39  | cps   |
| Selenium   | 82-1  | -48      | -38      | -48      | -45      | -13.64 | cps   |
| Silicon    | 28-1  | 178065   | 177930   | 175806   | 177267   | 0.71   | cps   |
| Silver     | 109-1 | 392      | 250      | 242      | 294      | 28.63  | cps   |
| Silver     | 107-1 | 533      | 300      | 242      | 358      | 43.07  | cps   |
| Sodium     | 23-2  | 10579    | 10137    | 11054    | 10590    | 4.33   | cps   |
| Strontium  | 86-1  | 642      | 567      | 608      | 606      | 6.20   | cps   |
| Strontium  | 88-1  | 158      | 208      | 225      | 197      | 17.59  | cps   |
| Sulfur     | 34-1  | 253428   | 257083   | 253191   | 254567   | 0.86   | cps   |
| Terbium    | 159-1 | 18730410 | 18755248 | 18762763 | 18749474 | 0.09   | cps   |
| Terbium    | 159-2 | 9465105  | 9392977  | 9400677  | 9419586  | 0.42   | cps   |
| Thallium   | 203-1 | 167      | 158      | 92       | 139      | 29.60  | cps   |
| Thallium   | 205-1 | 292      | 258      | 367      | 306      | 18.16  | cps   |
| Tin        | 118-1 | 817      | 775      | 792      | 795      | 2.64   | cps   |
| Titanium   | 47-1  | 125      | 92       | 67       | 94       | 30.99  | cps   |
| Uranium    | 238-1 | 242      | 283      | 217      | 247      | 13.62  | cps   |
| Vanadium   | 51-2  | 13       | 10       | 7        | 10       | 33.30  | cps   |
| Yttrium    | 89-1  | 14910061 | 14903863 | 14963804 | 14925909 | 0.22   | cps   |
| Yttrium    | 89-2  | 2150751  | 2127416  | 2130713  | 2136293  | 0.59   | cps   |
| Zinc       | 66-2  | 3404     | 3324     | 3687     | 3472     | 5.50   | cps   |
| Zirconium  | 90-1  | 942      | 900      | 1108     | 983      | 11.21  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | S0                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S0                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 11:35:40 | DataFile Name :   | 003CALB.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 175  | 217  | 300  | 231     | 27.61  | cps   |

LB Number : LB91543 Operator : Jaswal  
 Lab Sample ID : S2 Instrumnet Name : P7  
 Client Sample ID : S2 Dilution Factor : 1  
 Date & Time Acquired :: 2017-11-10 11:43:50 DataFile Name : 005CAL.S.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1642     | 1492     | 1792     | 1642     | 9.14   | cps   |
| Antimony   | 121-1 | 18563    | 18813    | 18529    | 18635    | 0.83   | cps   |
| Arsenic    | 75-2  | 313      | 285      | 341      | 313      | 8.88   | cps   |
| Barium     | 135-1 | 22745    | 21517    | 22010    | 22091    | 2.80   | cps   |
| Barium     | 137-1 | 39190    | 39048    | 38421    | 38886    | 1.05   | cps   |
| Beryllium  | 9-1   | 1261     | 1467     | 1522     | 1417     | 9.71   | cps   |
| Bismuth    | 209-1 | 11704929 | 11683263 | 11733645 | 11707279 | 0.22   | cps   |
| Bismuth    | 209-2 | 7067108  | 7049616  | 7070363  | 7062362  | 0.16   | cps   |
| Boron      | 10-1  | 4259     | 3659     | 4009     | 3976     | 7.58   | cps   |
| Boron      | 11-1  | 18971    | 20598    | 20064    | 19878    | 4.17   | cps   |
| Cadmium    | 111-1 | 4719     | 4692     | 4719     | 4710     | 0.34   | cps   |
| Cadmium    | 106-1 | 3851     | 3751     | 3726     | 3776     | 1.75   | cps   |
| Cadmium    | 108-1 | 163      | 233      | 121      | 172      | 33.02  | cps   |
| Calcium    | 43-1  | 12898    | 12814    | 12314    | 12675    | 2.49   | cps   |
| Calcium    | 44-1  | 217944   | 221551   | 220908   | 220134   | 0.87   | cps   |
| Chromium   | 52-2  | 7235     | 7462     | 7232     | 7310     | 1.80   | cps   |
| Cobalt     | 59-2  | 4527     | 4944     | 4728     | 4733     | 4.40   | cps   |
| Copper     | 63-2  | 8439     | 8419     | 8352     | 8404     | 0.54   | cps   |
| Dysprosium | 156-1 | 0        | 33       | 0        | 11       | 173.21 | cps   |
| Dysprosium | 156-2 | 7        | 7        | 7        | 7        | 0.00   | cps   |
| Erbium     | 164-1 | 42       | 58       | 92       | 64       | 39.85  | cps   |
| Erbium     | 164-2 | 40       | 40       | 33       | 38       | 10.19  | cps   |
| Gadolinium | 160-1 | 100      | 50       | 83       | 78       | 32.73  | cps   |
| Gadolinium | 160-2 | 117      | 97       | 67       | 93       | 26.96  | cps   |
| Holmium    | 165-1 | 17510355 | 17500024 | 17848325 | 17619568 | 1.12   | cps   |
| Holmium    | 165-2 | 9185342  | 9200399  | 9255159  | 9213633  | 0.40   | cps   |
| Indium     | 115-1 | 14675823 | 14713881 | 14906412 | 14765372 | 0.84   | cps   |
| Indium     | 115-2 | 2868708  | 2867233  | 2866222  | 2867388  | 0.04   | cps   |
| Iron       | 56-2  | 115551   | 118015   | 116050   | 116539   | 1.12   | cps   |
| Iron       | 57-2  | 2934     | 2861     | 2739     | 2845     | 3.46   | cps   |
| Lead       | 206-1 | 8053     | 7869     | 7791     | 7904     | 1.70   | cps   |
| Lead       | 207-1 | 7397     | 7108     | 7502     | 7336     | 2.79   | cps   |
| Lead       | 208-1 | 33351    | 32706    | 33646    | 33234    | 1.45   | cps   |
| Lithium    | 6-1   | 2661866  | 2655674  | 2671394  | 2662978  | 0.30   | cps   |
| Magnesium  | 24-2  | 89466    | 92845    | 91805    | 91372    | 1.89   | cps   |
| Manganese  | 55-2  | 1670     | 1770     | 1610     | 1683     | 4.80   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB91543             | Operator :        | Jaswal     |
| Lab Sample ID :         | S2                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S2                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-11-10 11:43:50 | DataFile Name :   | 005CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 19105    | 18287    | 18154    | 18515    | 2.78   | cps   |
| Molybdenum | 95-1  | 21625    | 21375    | 21709    | 21570    | 0.81   | cps   |
| Molybdenum | 96-1  | 24146    | 23862    | 25365    | 24458    | 3.26   | cps   |
| Molybdenum | 97-1  | 13907    | 14533    | 13415    | 13952    | 4.02   | cps   |
| Molybdenum | 98-1  | 35612    | 36289    | 34793    | 35565    | 2.11   | cps   |
| Neodymium  | 150-1 | 7        | 13       | 0        | 7        | 99.98  | cps   |
| Neodymium  | 150-2 | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 1440     | 1333     | 1413     | 1396     | 3.98   | cps   |
| Phosphorus | 31-2  | 133      | 108      | 83       | 108      | 23.08  | cps   |
| Potassium  | 39-2  | 101606   | 101260   | 102301   | 101722   | 0.52   | cps   |
| Rhodium    | 103-1 | 13433010 | 13518331 | 13709328 | 13553556 | 1.04   | cps   |
| Rhodium    | 103-2 | 6776196  | 6788168  | 6738479  | 6767614  | 0.38   | cps   |
| Scandium   | 45-1  | 8624426  | 8643739  | 8815081  | 8694415  | 1.21   | cps   |
| Scandium   | 45-2  | 375046   | 373458   | 373846   | 374117   | 0.22   | cps   |
| Selenium   | 77-2  | 30       | 27       | 57       | 38       | 43.52  | cps   |
| Selenium   | 78-2  | 150      | 152      | 187      | 163      | 12.81  | cps   |
| Selenium   | 82-1  | 681      | 722      | 726      | 710      | 3.51   | cps   |
| Silicon    | 28-1  | 250046   | 250573   | 247421   | 249346   | 0.68   | cps   |
| Silver     | 109-1 | 11672    | 10938    | 10621    | 11077    | 4.87   | cps   |
| Silver     | 107-1 | 12231    | 12197    | 11780    | 12069    | 2.08   | cps   |
| Sodium     | 23-2  | 177080   | 177987   | 179089   | 178052   | 0.56   | cps   |
| Strontium  | 86-1  | 3501     | 3542     | 3592     | 3545     | 1.29   | cps   |
| Strontium  | 88-1  | 26100    | 25257    | 25181    | 25512    | 2.00   | cps   |
| Sulfur     | 34-1  | 256030   | 252250   | 253438   | 253906   | 0.76   | cps   |
| Terbium    | 159-1 | 18538188 | 18455692 | 18725589 | 18573157 | 0.74   | cps   |
| Terbium    | 159-2 | 9367858  | 9311638  | 9317340  | 9332279  | 0.33   | cps   |
| Thallium   | 203-1 | 8853     | 9095     | 9120     | 9023     | 1.63   | cps   |
| Thallium   | 205-1 | 21168    | 21735    | 21051    | 21318    | 1.72   | cps   |
| Tin        | 118-1 | 39331    | 37626    | 38370    | 38442    | 2.22   | cps   |
| Titanium   | 47-1  | 5818     | 6485     | 5801     | 6035     | 6.46   | cps   |
| Uranium    | 238-1 | 30361    | 30704    | 29685    | 30250    | 1.71   | cps   |
| Vanadium   | 51-2  | 11074    | 11221    | 11078    | 11124    | 0.75   | cps   |
| Yttrium    | 89-1  | 14978002 | 14929193 | 15146786 | 15017994 | 0.76   | cps   |
| Yttrium    | 89-2  | 2158194  | 2143505  | 2161544  | 2154414  | 0.45   | cps   |
| Zinc       | 66-2  | 4631     | 4544     | 4687     | 4621     | 1.56   | cps   |
| Zirconium  | 90-1  | 16026    | 16018    | 15100    | 15715    | 3.39   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | S2                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S2                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 11:43:50 | DataFile Name :   | 005CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 3192 | 3617 | 3242 | 3351    | 6.93   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | S3                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S3                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 11:47:41 | DataFile Name :   | 006CALS.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 87497    | 87355    | 87598    | 87483    | 0.14   | cps   |
| Antimony   | 121-1 | 513829   | 518935   | 526399   | 519721   | 1.22   | cps   |
| Arsenic    | 75-2  | 17184    | 17340    | 17168    | 17231    | 0.55   | cps   |
| Barium     | 135-1 | 625764   | 616674   | 618722   | 620387   | 0.77   | cps   |
| Barium     | 137-1 | 1085457  | 1080810  | 1086983  | 1084416  | 0.30   | cps   |
| Beryllium  | 9-1   | 77268    | 78413    | 78620    | 78100    | 0.93   | cps   |
| Bismuth    | 209-1 | 11716159 | 11709231 | 11718458 | 11714616 | 0.04   | cps   |
| Bismuth    | 209-2 | 6976268  | 6956653  | 7005120  | 6979347  | 0.35   | cps   |
| Boron      | 10-1  | 9295     | 9428     | 8928     | 9217     | 2.81   | cps   |
| Boron      | 11-1  | 44491    | 45996    | 43856    | 44781    | 2.45   | cps   |
| Cadmium    | 111-1 | 127925   | 127818   | 127938   | 127894   | 0.05   | cps   |
| Cadmium    | 106-1 | 16368    | 16268    | 16051    | 16229    | 1.00   | cps   |
| Cadmium    | 108-1 | 9074     | 9007     | 9111     | 9064     | 0.58   | cps   |
| Calcium    | 43-1  | 147344   | 145072   | 144441   | 145619   | 1.05   | cps   |
| Calcium    | 44-1  | 2387804  | 2365487  | 2381282  | 2378191  | 0.48   | cps   |
| Chromium   | 52-2  | 159471   | 157241   | 157752   | 158155   | 0.74   | cps   |
| Cobalt     | 59-2  | 257452   | 255189   | 257019   | 256553   | 0.47   | cps   |
| Copper     | 63-2  | 381734   | 380604   | 380034   | 380791   | 0.23   | cps   |
| Dysprosium | 156-1 | 8        | 8        | 50       | 22       | 108.27 | cps   |
| Dysprosium | 156-2 | 10       | 10       | 17       | 12       | 31.50  | cps   |
| Erbium     | 164-1 | 75       | 92       | 25       | 64       | 54.31  | cps   |
| Erbium     | 164-2 | 20       | 30       | 27       | 26       | 19.92  | cps   |
| Gadolinium | 160-1 | 75       | 67       | 92       | 78       | 16.37  | cps   |
| Gadolinium | 160-2 | 50       | 63       | 83       | 66       | 25.60  | cps   |
| Holmium    | 165-1 | 17575808 | 17614273 | 17529214 | 17573098 | 0.24   | cps   |
| Holmium    | 165-2 | 9163804  | 9070922  | 9186162  | 9140296  | 0.67   | cps   |
| Indium     | 115-1 | 14686689 | 14641841 | 14581722 | 14636751 | 0.36   | cps   |
| Indium     | 115-2 | 2860353  | 2874382  | 2871958  | 2868897  | 0.26   | cps   |
| Iron       | 56-2  | 6333716  | 6341285  | 6367993  | 6347664  | 0.28   | cps   |
| Iron       | 57-2  | 155497   | 154997   | 155329   | 155275   | 0.16   | cps   |
| Lead       | 206-1 | 404629   | 400339   | 402112   | 402360   | 0.54   | cps   |
| Lead       | 207-1 | 370703   | 371992   | 371688   | 371461   | 0.18   | cps   |
| Lead       | 208-1 | 1657243  | 1648135  | 1654694  | 1653357  | 0.28   | cps   |
| Lithium    | 6-1   | 2660842  | 2652821  | 2648452  | 2654039  | 0.24   | cps   |
| Magnesium  | 24-2  | 1032674  | 1026974  | 1032278  | 1030642  | 0.31   | cps   |
| Manganese  | 55-2  | 169672   | 170809   | 170579   | 170353   | 0.35   | cps   |



|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB91543             | Operator :        | Jaswal     |
| Lab Sample ID :         | S3                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S3                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-11-10 11:47:41 | DataFile Name :   | 006CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1041343  | 1036372  | 1024328  | 1034014  | 0.85   | cps   |
| Molybdenum | 95-1  | 1247180  | 1240270  | 1235584  | 1241011  | 0.47   | cps   |
| Molybdenum | 96-1  | 1377319  | 1378658  | 1372748  | 1376242  | 0.23   | cps   |
| Molybdenum | 97-1  | 772368   | 765580   | 771267   | 769738   | 0.47   | cps   |
| Molybdenum | 98-1  | 2005943  | 1993163  | 2011965  | 2003691  | 0.48   | cps   |
| Neodymium  | 150-1 | 27       | 33       | 40       | 33       | 20.00  | cps   |
| Neodymium  | 150-2 | 3        | 3        | 7        | 4        | 43.40  | cps   |
| Nickel     | 60-2  | 70518    | 69222    | 70066    | 69936    | 0.94   | cps   |
| Phosphorus | 31-2  | 4468     | 4276     | 4734     | 4493     | 5.13   | cps   |
| Potassium  | 39-2  | 498680   | 502936   | 509324   | 503646   | 1.06   | cps   |
| Rhodium    | 103-1 | 13448170 | 13361019 | 13331651 | 13380280 | 0.45   | cps   |
| Rhodium    | 103-2 | 6658292  | 6685271  | 6708139  | 6683901  | 0.37   | cps   |
| Scandium   | 45-1  | 8634264  | 8628259  | 8588984  | 8617169  | 0.29   | cps   |
| Scandium   | 45-2  | 370840   | 370017   | 370084   | 370314   | 0.12   | cps   |
| Selenium   | 77-2  | 307      | 303      | 280      | 297      | 4.90   | cps   |
| Selenium   | 78-2  | 1217     | 1176     | 1174     | 1189     | 2.03   | cps   |
| Selenium   | 82-1  | 7648     | 7571     | 7548     | 7589     | 0.68   | cps   |
| Silicon    | 28-1  | 466523   | 468151   | 468276   | 467650   | 0.21   | cps   |
| Silver     | 109-1 | 613220   | 611594   | 608041   | 610952   | 0.43   | cps   |
| Silver     | 107-1 | 636973   | 628292   | 630179   | 631815   | 0.72   | cps   |
| Sodium     | 23-2  | 1891773  | 1876781  | 1881922  | 1883492  | 0.40   | cps   |
| Strontium  | 86-1  | 163570   | 162012   | 162526   | 162703   | 0.49   | cps   |
| Strontium  | 88-1  | 1407397  | 1399088  | 1404628  | 1403704  | 0.30   | cps   |
| Sulfur     | 34-1  | 291014   | 288986   | 287064   | 289021   | 0.68   | cps   |
| Terbium    | 159-1 | 18619403 | 18547157 | 18624016 | 18596858 | 0.23   | cps   |
| Terbium    | 159-2 | 9322977  | 9297003  | 9288603  | 9302861  | 0.19   | cps   |
| Thallium   | 203-1 | 486531   | 485342   | 483894   | 485256   | 0.27   | cps   |
| Thallium   | 205-1 | 1160409  | 1157908  | 1148622  | 1155646  | 0.54   | cps   |
| Tin        | 118-1 | 420574   | 420688   | 417972   | 419745   | 0.37   | cps   |
| Titanium   | 47-1  | 332955   | 338426   | 330496   | 333959   | 1.22   | cps   |
| Uranium    | 238-1 | 1706242  | 1697732  | 1700363  | 1701446  | 0.26   | cps   |
| Vanadium   | 51-2  | 122967   | 122745   | 122916   | 122876   | 0.09   | cps   |
| Yttrium    | 89-1  | 14979986 | 14898501 | 14923939 | 14934142 | 0.28   | cps   |
| Yttrium    | 89-2  | 2137037  | 2141622  | 2136531  | 2138396  | 0.13   | cps   |
| Zinc       | 66-2  | 56265    | 56191    | 56666    | 56374    | 0.45   | cps   |
| Zirconium  | 90-1  | 882154   | 878924   | 872362   | 877813   | 0.57   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | S3                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S3                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 11:47:41 | DataFile Name :   | 006CALS.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 91-1 | 195469 | 195821 | 194757 | 195349  | 0.28   | cps   |

LB Number : LB91543 Operator : Jaswal  
 Lab Sample ID : S4 Instrumnet Name : P7  
 Client Sample ID : S4 Dilution Factor : 1  
 Date & Time Acquired :: 2017-11-10 11:51:44 DataFile Name : 007CAL.S.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 213351   | 214955   | 217231   | 215179   | 0.91   | cps   |
| Antimony   | 121-1 | 1318452  | 1316675  | 1339167  | 1324765  | 0.94   | cps   |
| Arsenic    | 75-2  | 42400    | 42844    | 42573    | 42606    | 0.53   | cps   |
| Barium     | 135-1 | 1568040  | 1560647  | 1581368  | 1570019  | 0.67   | cps   |
| Barium     | 137-1 | 2744182  | 2749199  | 2770944  | 2754775  | 0.52   | cps   |
| Beryllium  | 9-1   | 192470   | 191042   | 190373   | 191295   | 0.56   | cps   |
| Bismuth    | 209-1 | 11700404 | 11782329 | 11728049 | 11736928 | 0.36   | cps   |
| Bismuth    | 209-2 | 7009371  | 7016663  | 6990176  | 7005403  | 0.20   | cps   |
| Boron      | 10-1  | 22142    | 22317    | 22626    | 22362    | 1.10   | cps   |
| Boron      | 11-1  | 107673   | 108731   | 110199   | 108868   | 1.17   | cps   |
| Cadmium    | 111-1 | 314468   | 317177   | 314736   | 315460   | 0.47   | cps   |
| Cadmium    | 106-1 | 36398    | 36005    | 36013    | 36139    | 0.62   | cps   |
| Cadmium    | 108-1 | 22773    | 22898    | 22698    | 22789    | 0.44   | cps   |
| Calcium    | 43-1  | 358921   | 359542   | 356555   | 358339   | 0.44   | cps   |
| Calcium    | 44-1  | 5862130  | 5848299  | 5809431  | 5839953  | 0.47   | cps   |
| Chromium   | 52-2  | 386591   | 390555   | 388064   | 388403   | 0.52   | cps   |
| Cobalt     | 59-2  | 626387   | 630966   | 632119   | 629824   | 0.48   | cps   |
| Copper     | 63-2  | 925527   | 925421   | 932492   | 927813   | 0.44   | cps   |
| Dysprosium | 156-1 | 33       | 58       | 33       | 42       | 34.65  | cps   |
| Dysprosium | 156-2 | 0        | 27       | 7        | 11       | 124.89 | cps   |
| Erbium     | 164-1 | 67       | 58       | 92       | 72       | 24.02  | cps   |
| Erbium     | 164-2 | 23       | 10       | 13       | 16       | 44.60  | cps   |
| Gadolinium | 160-1 | 67       | 92       | 125      | 94       | 30.99  | cps   |
| Gadolinium | 160-2 | 87       | 120      | 103      | 103      | 16.13  | cps   |
| Holmium    | 165-1 | 17883728 | 17858894 | 17875532 | 17872718 | 0.07   | cps   |
| Holmium    | 165-2 | 9279275  | 9236467  | 9239414  | 9251719  | 0.26   | cps   |
| Indium     | 115-1 | 14774953 | 14671962 | 14600591 | 14682502 | 0.60   | cps   |
| Indium     | 115-2 | 2833499  | 2849618  | 2850004  | 2844374  | 0.33   | cps   |
| Iron       | 56-2  | 15578973 | 15656341 | 15776573 | 15670629 | 0.64   | cps   |
| Iron       | 57-2  | 383654   | 382530   | 381052   | 382412   | 0.34   | cps   |
| Lead       | 206-1 | 998525   | 998182   | 988317   | 995008   | 0.58   | cps   |
| Lead       | 207-1 | 923757   | 930618   | 921633   | 925336   | 0.51   | cps   |
| Lead       | 208-1 | 4106740  | 4137926  | 4118058  | 4120908  | 0.38   | cps   |
| Lithium    | 6-1   | 2629309  | 2626989  | 2615638  | 2623979  | 0.28   | cps   |
| Magnesium  | 24-2  | 2531931  | 2550246  | 2542082  | 2541420  | 0.36   | cps   |
| Manganese  | 55-2  | 415618   | 417394   | 417376   | 416796   | 0.24   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB91543             | Operator :        | Jaswal     |
| Lab Sample ID :         | S4                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S4                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-11-10 11:51:44 | DataFile Name :   | 007CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 2599409  | 2611820  | 2601417  | 2604215  | 0.26   | cps   |
| Molybdenum | 95-1  | 3128918  | 3131171  | 3110559  | 3123549  | 0.36   | cps   |
| Molybdenum | 96-1  | 3451725  | 3455615  | 3462463  | 3456601  | 0.16   | cps   |
| Molybdenum | 97-1  | 1938137  | 1940146  | 1950069  | 1942784  | 0.33   | cps   |
| Molybdenum | 98-1  | 5068417  | 5092173  | 5122500  | 5094363  | 0.53   | cps   |
| Neodymium  | 150-1 | 60       | 107      | 47       | 71       | 44.30  | cps   |
| Neodymium  | 150-2 | 3        | 7        | 17       | 9        | 78.08  | cps   |
| Nickel     | 60-2  | 171745   | 172618   | 172933   | 172432   | 0.36   | cps   |
| Phosphorus | 31-2  | 11004    | 10621    | 11213    | 10946    | 2.74   | cps   |
| Potassium  | 39-2  | 1225373  | 1240162  | 1232332  | 1232622  | 0.60   | cps   |
| Rhodium    | 103-1 | 13434077 | 13412646 | 13389004 | 13411909 | 0.17   | cps   |
| Rhodium    | 103-2 | 6619472  | 6655259  | 6633836  | 6636189  | 0.27   | cps   |
| Scandium   | 45-1  | 8682724  | 8626445  | 8604890  | 8638020  | 0.47   | cps   |
| Scandium   | 45-2  | 367991   | 369081   | 368838   | 368637   | 0.16   | cps   |
| Selenium   | 77-2  | 770      | 837      | 863      | 823      | 5.84   | cps   |
| Selenium   | 78-2  | 2791     | 2824     | 2771     | 2795     | 0.97   | cps   |
| Selenium   | 82-1  | 18652    | 18888    | 18677    | 18739    | 0.69   | cps   |
| Silicon    | 28-1  | 892256   | 896375   | 897977   | 895536   | 0.33   | cps   |
| Silver     | 109-1 | 1519799  | 1528442  | 1520340  | 1522860  | 0.32   | cps   |
| Silver     | 107-1 | 1577330  | 1581737  | 1577159  | 1578742  | 0.16   | cps   |
| Sodium     | 23-2  | 4677313  | 4672339  | 4665493  | 4671715  | 0.13   | cps   |
| Strontium  | 86-1  | 401181   | 397836   | 404875   | 401297   | 0.88   | cps   |
| Strontium  | 88-1  | 3525472  | 3495949  | 3523466  | 3514962  | 0.47   | cps   |
| Sulfur     | 34-1  | 333295   | 330739   | 330577   | 331537   | 0.46   | cps   |
| Terbium    | 159-1 | 18778042 | 18897475 | 18763965 | 18813160 | 0.39   | cps   |
| Terbium    | 159-2 | 9356921  | 9315700  | 9357072  | 9343231  | 0.26   | cps   |
| Thallium   | 203-1 | 1221781  | 1241079  | 1231083  | 1231314  | 0.78   | cps   |
| Thallium   | 205-1 | 2922456  | 2929251  | 2937948  | 2929885  | 0.27   | cps   |
| Tin        | 118-1 | 1059954  | 1046613  | 1050550  | 1052373  | 0.65   | cps   |
| Titanium   | 47-1  | 827207   | 834842   | 835913   | 832654   | 0.57   | cps   |
| Uranium    | 238-1 | 4310561  | 4370429  | 4374757  | 4351916  | 0.82   | cps   |
| Vanadium   | 51-2  | 304692   | 303165   | 305753   | 304537   | 0.43   | cps   |
| Yttrium    | 89-1  | 15063357 | 15102585 | 15008996 | 15058313 | 0.31   | cps   |
| Yttrium    | 89-2  | 2128853  | 2135075  | 2132771  | 2132233  | 0.15   | cps   |
| Zinc       | 66-2  | 128526   | 128371   | 130238   | 129045   | 0.80   | cps   |
| Zirconium  | 90-1  | 2229550  | 2240013  | 2220677  | 2230080  | 0.43   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | S4                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S4                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 11:51:44 | DataFile Name :   | 007CALS.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 91-1 | 491927 | 494162 | 491568 | 492553  | 0.29   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB91543             | Operator :        | Jaswal     |
| Lab Sample ID :         | S5                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S5                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-11-10 11:55:30 | DataFile Name :   | 008CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 428342   | 426117   | 423772   | 426077   | 0.54   | cps   |
| Antimony   | 121-1 | 2661410  | 2668883  | 2655179  | 2661824  | 0.26   | cps   |
| Arsenic    | 75-2  | 85687    | 85162    | 84378    | 85076    | 0.77   | cps   |
| Barium     | 135-1 | 3135894  | 3147168  | 3136586  | 3139883  | 0.20   | cps   |
| Barium     | 137-1 | 5553262  | 5587886  | 5520538  | 5553895  | 0.61   | cps   |
| Beryllium  | 9-1   | 379122   | 378090   | 376359   | 377857   | 0.37   | cps   |
| Bismuth    | 209-1 | 11702098 | 11881949 | 11682717 | 11755588 | 0.93   | cps   |
| Bismuth    | 209-2 | 7033247  | 6950984  | 6933995  | 6972742  | 0.76   | cps   |
| Boron      | 10-1  | 43957    | 44993    | 45887    | 44945    | 2.15   | cps   |
| Boron      | 11-1  | 216847   | 221633   | 218870   | 219116   | 1.10   | cps   |
| Cadmium    | 111-1 | 623903   | 621116   | 621768   | 622262   | 0.23   | cps   |
| Cadmium    | 106-1 | 68557    | 68558    | 69506    | 68874    | 0.79   | cps   |
| Cadmium    | 108-1 | 46021    | 46451    | 45519    | 45997    | 1.01   | cps   |
| Calcium    | 43-1  | 717961   | 723740   | 716407   | 719369   | 0.54   | cps   |
| Calcium    | 44-1  | 11625005 | 11655947 | 11667192 | 11649381 | 0.19   | cps   |
| Chromium   | 52-2  | 771717   | 773017   | 774528   | 773087   | 0.18   | cps   |
| Cobalt     | 59-2  | 1250797  | 1254364  | 1257334  | 1254165  | 0.26   | cps   |
| Copper     | 63-2  | 1833729  | 1841113  | 1844053  | 1839632  | 0.29   | cps   |
| Dysprosium | 156-1 | 58       | 67       | 67       | 64       | 7.53   | cps   |
| Dysprosium | 156-2 | 27       | 43       | 50       | 40       | 30.04  | cps   |
| Erbium     | 164-1 | 67       | 83       | 92       | 81       | 15.80  | cps   |
| Erbium     | 164-2 | 27       | 43       | 33       | 34       | 24.35  | cps   |
| Gadolinium | 160-1 | 67       | 133      | 125      | 108      | 33.53  | cps   |
| Gadolinium | 160-2 | 93       | 97       | 77       | 89       | 12.05  | cps   |
| Holmium    | 165-1 | 17881534 | 17925104 | 17889767 | 17898802 | 0.13   | cps   |
| Holmium    | 165-2 | 9366846  | 9315509  | 9290993  | 9324450  | 0.42   | cps   |
| Indium     | 115-1 | 14674821 | 14606217 | 14598523 | 14626521 | 0.29   | cps   |
| Indium     | 115-2 | 2846942  | 2837654  | 2860361  | 2848319  | 0.40   | cps   |
| Iron       | 56-2  | 31433259 | 31169460 | 31323163 | 31308627 | 0.42   | cps   |
| Iron       | 57-2  | 763920   | 763368   | 764899   | 764062   | 0.10   | cps   |
| Lead       | 206-1 | 1997711  | 2014675  | 1998294  | 2003560  | 0.48   | cps   |
| Lead       | 207-1 | 1849123  | 1848158  | 1851470  | 1849584  | 0.09   | cps   |
| Lead       | 208-1 | 8256349  | 8308737  | 8290689  | 8285258  | 0.32   | cps   |
| Lithium    | 6-1   | 2606573  | 2606103  | 2612096  | 2608258  | 0.13   | cps   |
| Magnesium  | 24-2  | 5080742  | 5031470  | 5068211  | 5060141  | 0.51   | cps   |
| Manganese  | 55-2  | 836558   | 831228   | 833563   | 833783   | 0.32   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB91543             | Operator :        | Jaswal     |
| Lab Sample ID :         | S5                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S5                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-11-10 11:55:30 | DataFile Name :   | 008CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 5254865  | 5269621  | 5292807  | 5272431  | 0.36   | cps   |
| Molybdenum | 95-1  | 6259040  | 6258985  | 6264336  | 6260787  | 0.05   | cps   |
| Molybdenum | 96-1  | 6920901  | 6944074  | 6952995  | 6939323  | 0.24   | cps   |
| Molybdenum | 97-1  | 3886495  | 3895116  | 3895341  | 3892317  | 0.13   | cps   |
| Molybdenum | 98-1  | 10113452 | 10088404 | 10135949 | 10112602 | 0.24   | cps   |
| Neodymium  | 150-1 | 180      | 133      | 147      | 153      | 15.68  | cps   |
| Neodymium  | 150-2 | 20       | 13       | 17       | 17       | 20.01  | cps   |
| Nickel     | 60-2  | 341248   | 340883   | 343533   | 341888   | 0.42   | cps   |
| Phosphorus | 31-2  | 22075    | 21216    | 21349    | 21547    | 2.15   | cps   |
| Potassium  | 39-2  | 2456758  | 2447953  | 2436049  | 2446920  | 0.42   | cps   |
| Rhodium    | 103-1 | 13263546 | 13305323 | 13305203 | 13291357 | 0.18   | cps   |
| Rhodium    | 103-2 | 6580308  | 6575501  | 6604664  | 6586825  | 0.24   | cps   |
| Scandium   | 45-1  | 8609380  | 8596242  | 8625718  | 8610447  | 0.17   | cps   |
| Scandium   | 45-2  | 370717   | 368673   | 370198   | 369863   | 0.29   | cps   |
| Selenium   | 77-2  | 1713     | 1590     | 1703     | 1669     | 4.11   | cps   |
| Selenium   | 78-2  | 5559     | 5720     | 5488     | 5589     | 2.12   | cps   |
| Selenium   | 82-1  | 37503    | 37375    | 37752    | 37543    | 0.51   | cps   |
| Silicon    | 28-1  | 1601705  | 1594921  | 1598995  | 1598540  | 0.21   | cps   |
| Silver     | 109-1 | 3030695  | 3022862  | 3035420  | 3029659  | 0.21   | cps   |
| Silver     | 107-1 | 3140341  | 3134184  | 3134856  | 3136460  | 0.11   | cps   |
| Sodium     | 23-2  | 9294531  | 9279976  | 9304237  | 9292914  | 0.13   | cps   |
| Strontium  | 86-1  | 805770   | 811161   | 806615   | 807849   | 0.36   | cps   |
| Strontium  | 88-1  | 7029196  | 7055586  | 7012744  | 7032509  | 0.31   | cps   |
| Sulfur     | 34-1  | 427310   | 424947   | 426405   | 426221   | 0.28   | cps   |
| Terbium    | 159-1 | 18816636 | 18895377 | 18827998 | 18846670 | 0.23   | cps   |
| Terbium    | 159-2 | 9425313  | 9393242  | 9378633  | 9399063  | 0.25   | cps   |
| Thallium   | 203-1 | 2467661  | 2480047  | 2435520  | 2461076  | 0.93   | cps   |
| Thallium   | 205-1 | 5949730  | 5966795  | 5880161  | 5932229  | 0.77   | cps   |
| Tin        | 118-1 | 2127181  | 2129762  | 2125303  | 2127415  | 0.11   | cps   |
| Titanium   | 47-1  | 1659093  | 1676957  | 1672529  | 1669526  | 0.56   | cps   |
| Uranium    | 238-1 | 8713492  | 8790503  | 8699779  | 8734591  | 0.56   | cps   |
| Vanadium   | 51-2  | 607258   | 610541   | 610430   | 609409   | 0.31   | cps   |
| Yttrium    | 89-1  | 15029266 | 15024223 | 14924291 | 14992593 | 0.39   | cps   |
| Yttrium    | 89-2  | 2132558  | 2141182  | 2146725  | 2140155  | 0.33   | cps   |
| Zinc       | 66-2  | 251929   | 254064   | 254531   | 253508   | 0.55   | cps   |
| Zirconium  | 90-1  | 4466695  | 4512499  | 4470944  | 4483379  | 0.56   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | S5                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S5                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 11:55:30 | DataFile Name :   | 008CALS.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 91-1 | 995277 | 990196 | 993983 | 993152  | 0.27   | cps   |



|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB91543             | Operator :        | Jaswal     |
| Lab Sample ID :         | S6                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S6                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-11-10 11:59:14 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 847140   | 847748   | 854870   | 849919   | 0.51   | cps   |
| Antimony   | 121-1 | 5365465  | 5359243  | 5374995  | 5366568  | 0.15   | cps   |
| Arsenic    | 75-2  | 171783   | 172392   | 173488   | 172554   | 0.50   | cps   |
| Barium     | 135-1 | 6341268  | 6397491  | 6408583  | 6382447  | 0.57   | cps   |
| Barium     | 137-1 | 10994865 | 11041687 | 11098577 | 11045043 | 0.47   | cps   |
| Beryllium  | 9-1   | 730627   | 737109   | 735680   | 734472   | 0.46   | cps   |
| Bismuth    | 209-1 | 11554853 | 11567209 | 11598075 | 11573379 | 0.19   | cps   |
| Bismuth    | 209-2 | 6850292  | 6880271  | 6922436  | 6884333  | 0.53   | cps   |
| Boron      | 10-1  | 86161    | 90151    | 90495    | 88936    | 2.71   | cps   |
| Boron      | 11-1  | 426128   | 438089   | 437976   | 434064   | 1.58   | cps   |
| Cadmium    | 111-1 | 1226575  | 1238149  | 1229050  | 1231258  | 0.50   | cps   |
| Cadmium    | 106-1 | 132784   | 131691   | 133912   | 132796   | 0.84   | cps   |
| Cadmium    | 108-1 | 90709    | 91396    | 90839    | 90981    | 0.40   | cps   |
| Calcium    | 43-1  | 1437976  | 1426680  | 1444344  | 1436333  | 0.62   | cps   |
| Calcium    | 44-1  | 23295576 | 23151402 | 23352918 | 23266632 | 0.45   | cps   |
| Chromium   | 52-2  | 1542861  | 1543337  | 1559247  | 1548482  | 0.60   | cps   |
| Cobalt     | 59-2  | 2509350  | 2510769  | 2519025  | 2513048  | 0.21   | cps   |
| Copper     | 63-2  | 3651567  | 3657971  | 3681911  | 3663816  | 0.44   | cps   |
| Dysprosium | 156-1 | 75       | 92       | 92       | 86       | 11.18  | cps   |
| Dysprosium | 156-2 | 67       | 63       | 30       | 53       | 38.02  | cps   |
| Erbium     | 164-1 | 92       | 58       | 67       | 72       | 24.02  | cps   |
| Erbium     | 164-2 | 70       | 17       | 20       | 36       | 84.02  | cps   |
| Gadolinium | 160-1 | 117      | 67       | 175      | 119      | 45.39  | cps   |
| Gadolinium | 160-2 | 103      | 87       | 113      | 101      | 13.32  | cps   |
| Holmium    | 165-1 | 17937367 | 18057957 | 17991709 | 17995677 | 0.34   | cps   |
| Holmium    | 165-2 | 9313230  | 9344038  | 9401966  | 9353078  | 0.48   | cps   |
| Indium     | 115-1 | 14460540 | 14537792 | 14470035 | 14489456 | 0.29   | cps   |
| Indium     | 115-2 | 2820589  | 2838179  | 2857104  | 2838624  | 0.64   | cps   |
| Iron       | 56-2  | 62681050 | 62735543 | 62876821 | 62764471 | 0.16   | cps   |
| Iron       | 57-2  | 1535085  | 1529911  | 1542784  | 1535926  | 0.42   | cps   |
| Lead       | 206-1 | 3941112  | 3981463  | 3979483  | 3967353  | 0.57   | cps   |
| Lead       | 207-1 | 3673850  | 3683525  | 3674372  | 3677249  | 0.15   | cps   |
| Lead       | 208-1 | 16388226 | 16479978 | 16463514 | 16443906 | 0.30   | cps   |
| Lithium    | 6-1   | 2559107  | 2552430  | 2546199  | 2552578  | 0.25   | cps   |
| Magnesium  | 24-2  | 10049584 | 10033808 | 10082702 | 10055365 | 0.25   | cps   |
| Manganese  | 55-2  | 1667174  | 1669450  | 1676100  | 1670908  | 0.28   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB91543             | Operator :        | Jaswal     |
| Lab Sample ID :         | S6                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S6                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-11-10 11:59:14 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 10457769 | 10488542 | 10486677 | 10477663 | 0.16   | cps   |
| Molybdenum | 95-1  | 12533688 | 12636186 | 12573047 | 12580974 | 0.41   | cps   |
| Molybdenum | 96-1  | 13927859 | 14034241 | 13934519 | 13965540 | 0.43   | cps   |
| Molybdenum | 97-1  | 7879431  | 7868742  | 7857465  | 7868546  | 0.14   | cps   |
| Molybdenum | 98-1  | 20464278 | 20359255 | 20440754 | 20421429 | 0.27   | cps   |
| Neodymium  | 150-1 | 273      | 320      | 253      | 282      | 12.12  | cps   |
| Neodymium  | 150-2 | 27       | 37       | 37       | 33       | 17.32  | cps   |
| Nickel     | 60-2  | 674443   | 676860   | 678444   | 676582   | 0.30   | cps   |
| Phosphorus | 31-2  | 41835    | 43172    | 42729    | 42579    | 1.60   | cps   |
| Potassium  | 39-2  | 4892846  | 4916809  | 4922871  | 4910842  | 0.32   | cps   |
| Rhodium    | 103-1 | 13117542 | 13120278 | 13067246 | 13101689 | 0.23   | cps   |
| Rhodium    | 103-2 | 6528366  | 6519320  | 6543138  | 6530275  | 0.18   | cps   |
| Scandium   | 45-1  | 8629417  | 8578155  | 8617762  | 8608445  | 0.31   | cps   |
| Scandium   | 45-2  | 369202   | 373446   | 373066   | 371905   | 0.63   | cps   |
| Selenium   | 77-2  | 3044     | 3420     | 3324     | 3263     | 6.00   | cps   |
| Selenium   | 78-2  | 11073    | 10826    | 11254    | 11051    | 1.94   | cps   |
| Selenium   | 82-1  | 74484    | 73842    | 73871    | 74066    | 0.49   | cps   |
| Silicon    | 28-1  | 2988663  | 2976701  | 2993303  | 2986223  | 0.29   | cps   |
| Silver     | 109-1 | 6036845  | 6015313  | 6041725  | 6031294  | 0.23   | cps   |
| Silver     | 107-1 | 6322780  | 6221725  | 6291505  | 6278670  | 0.82   | cps   |
| Sodium     | 23-2  | 18488332 | 18664507 | 18538332 | 18563724 | 0.49   | cps   |
| Strontium  | 86-1  | 1603394  | 1614456  | 1630222  | 1616024  | 0.83   | cps   |
| Strontium  | 88-1  | 14121463 | 14220968 | 14197959 | 14180130 | 0.37   | cps   |
| Sulfur     | 34-1  | 624105   | 622451   | 625632   | 624063   | 0.25   | cps   |
| Terbium    | 159-1 | 18827274 | 18755453 | 18765393 | 18782707 | 0.21   | cps   |
| Terbium    | 159-2 | 9417403  | 9417735  | 9433337  | 9422825  | 0.10   | cps   |
| Thallium   | 203-1 | 4915621  | 4929966  | 4965165  | 4936917  | 0.52   | cps   |
| Thallium   | 205-1 | 11644169 | 11707755 | 11691384 | 11681103 | 0.28   | cps   |
| Tin        | 118-1 | 4244823  | 4243944  | 4249713  | 4246160  | 0.07   | cps   |
| Titanium   | 47-1  | 3341603  | 3346851  | 3346328  | 3344927  | 0.09   | cps   |
| Uranium    | 238-1 | 17419190 | 17424670 | 17500045 | 17447968 | 0.26   | cps   |
| Vanadium   | 51-2  | 1226876  | 1229318  | 1240995  | 1232396  | 0.61   | cps   |
| Yttrium    | 89-1  | 14939918 | 15080271 | 15083616 | 15034602 | 0.55   | cps   |
| Yttrium    | 89-2  | 2158810  | 2150942  | 2166832  | 2158861  | 0.37   | cps   |
| Zinc       | 66-2  | 493454   | 493684   | 496892   | 494676   | 0.39   | cps   |
| Zirconium  | 90-1  | 9021947  | 9075858  | 9038442  | 9045416  | 0.31   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | S6                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S6                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 11:59:14 | DataFile Name :   | 009CALS.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 1970099 | 1985104 | 1983982 | 1979728 | 0.42   | cps   |

LB Number : LB91543 Operator : Jaswal  
 Lab Sample ID : S7 Instrumnet Name : P7  
 Client Sample ID : S7 Dilution Factor : 1  
 Date & Time Acquired :: 2017-11-10 12:02:55 DataFile Name : 010CAL.S.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 1689292   | 1723553   | 1725336   | 1712727   | 1.19   | cps   |
| Antimony   | 121-1 | 10775430  | 10837001  | 10798351  | 10803594  | 0.29   | cps   |
| Arsenic    | 75-2  | 343264    | 346382    | 347579    | 345741    | 0.64   | cps   |
| Barium     | 135-1 | 12708542  | 12771444  | 12700857  | 12726947  | 0.30   | cps   |
| Barium     | 137-1 | 22131240  | 22152223  | 22010018  | 22097827  | 0.35   | cps   |
| Beryllium  | 9-1   | 1433065   | 1431399   | 1438698   | 1434387   | 0.27   | cps   |
| Bismuth    | 209-1 | 11466673  | 11347205  | 11370519  | 11394799  | 0.56   | cps   |
| Bismuth    | 209-2 | 6793577   | 6840234   | 6841394   | 6825069   | 0.40   | cps   |
| Boron      | 10-1  | 174510    | 175675    | 181567    | 177251    | 2.13   | cps   |
| Boron      | 11-1  | 848062    | 861380    | 880969    | 863470    | 1.92   | cps   |
| Cadmium    | 111-1 | 2399434   | 2406450   | 2412781   | 2406221   | 0.28   | cps   |
| Cadmium    | 106-1 | 254157    | 254474    | 259976    | 256202    | 1.28   | cps   |
| Cadmium    | 108-1 | 176284    | 177001    | 180241    | 177842    | 1.19   | cps   |
| Calcium    | 43-1  | 2883336   | 2879537   | 2884445   | 2882439   | 0.09   | cps   |
| Calcium    | 44-1  | 46589968  | 46459825  | 46585693  | 46545162  | 0.16   | cps   |
| Chromium   | 52-2  | 2969365   | 3006603   | 3017337   | 2997768   | 0.84   | cps   |
| Cobalt     | 59-2  | 4981004   | 5007300   | 5052997   | 5013767   | 0.73   | cps   |
| Copper     | 63-2  | 7206127   | 7268881   | 7290894   | 7255300   | 0.61   | cps   |
| Dysprosium | 156-1 | 242       | 192       | 117       | 183       | 34.32  | cps   |
| Dysprosium | 156-2 | 97        | 127       | 100       | 108       | 15.26  | cps   |
| Erbium     | 164-1 | 58        | 100       | 67        | 75        | 29.40  | cps   |
| Erbium     | 164-2 | 40        | 27        | 30        | 32        | 21.53  | cps   |
| Gadolinium | 160-1 | 208       | 142       | 142       | 164       | 23.49  | cps   |
| Gadolinium | 160-2 | 143       | 120       | 127       | 130       | 9.25   | cps   |
| Holmium    | 165-1 | 17947008  | 17988994  | 17985411  | 17973804  | 0.13   | cps   |
| Holmium    | 165-2 | 9398225   | 9409486   | 9523806   | 9443839   | 0.74   | cps   |
| Indium     | 115-1 | 14373218  | 14357552  | 14397222  | 14375997  | 0.14   | cps   |
| Indium     | 115-2 | 2807800   | 2840291   | 2839798   | 2829296   | 0.66   | cps   |
| Iron       | 56-2  | 124989258 | 125623908 | 126023800 | 125545656 | 0.42   | cps   |
| Iron       | 57-2  | 3044961   | 3089012   | 3083207   | 3072393   | 0.78   | cps   |
| Lead       | 206-1 | 7781443   | 7823432   | 7843279   | 7816051   | 0.40   | cps   |
| Lead       | 207-1 | 7310418   | 7321040   | 7264962   | 7298807   | 0.41   | cps   |
| Lead       | 208-1 | 32538027  | 32458126  | 32256605  | 32417586  | 0.45   | cps   |
| Lithium    | 6-1   | 2521010   | 2523865   | 2517453   | 2520776   | 0.13   | cps   |
| Magnesium  | 24-2  | 20074648  | 20155591  | 20156744  | 20128994  | 0.23   | cps   |
| Manganese  | 55-2  | 3334702   | 3395306   | 3388102   | 3372703   | 0.98   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB91543             | Operator :        | Jaswal     |
| Lab Sample ID :         | S7                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S7                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-11-10 12:02:55 | DataFile Name :   | 010CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 20962418 | 21042498 | 21142686 | 21049201 | 0.43   | cps   |
| Molybdenum | 95-1  | 25200846 | 25206564 | 25303596 | 25237002 | 0.23   | cps   |
| Molybdenum | 96-1  | 27899432 | 27909883 | 28227691 | 28012335 | 0.67   | cps   |
| Molybdenum | 97-1  | 15670378 | 15707797 | 15812462 | 15730212 | 0.47   | cps   |
| Molybdenum | 98-1  | 40690340 | 40780432 | 41003120 | 40824631 | 0.39   | cps   |
| Neodymium  | 150-1 | 407      | 593      | 547      | 516      | 18.84  | cps   |
| Neodymium  | 150-2 | 47       | 60       | 33       | 47       | 28.58  | cps   |
| Nickel     | 60-2  | 1303457  | 1310403  | 1318765  | 1310875  | 0.58   | cps   |
| Phosphorus | 31-2  | 87565    | 86417    | 87464    | 87149    | 0.73   | cps   |
| Potassium  | 39-2  | 9793393  | 9952324  | 9977820  | 9907846  | 1.01   | cps   |
| Rhodium    | 103-1 | 12967706 | 12989713 | 12973089 | 12976836 | 0.09   | cps   |
| Rhodium    | 103-2 | 6487125  | 6509579  | 6549421  | 6515375  | 0.48   | cps   |
| Scandium   | 45-1  | 8710304  | 8692344  | 8716238  | 8706295  | 0.14   | cps   |
| Scandium   | 45-2  | 374420   | 382097   | 380360   | 378959   | 1.06   | cps   |
| Selenium   | 77-2  | 6392     | 6548     | 6228     | 6389     | 2.51   | cps   |
| Selenium   | 78-2  | 21659    | 22165    | 21983    | 21936    | 1.17   | cps   |
| Selenium   | 82-1  | 145165   | 145209   | 144862   | 145079   | 0.13   | cps   |
| Silicon    | 28-1  | 5162105  | 5167669  | 5232707  | 5187494  | 0.76   | cps   |
| Silver     | 109-1 | 11841842 | 11938042 | 11942469 | 11907451 | 0.48   | cps   |
| Silver     | 107-1 | 12410948 | 12338957 | 12458889 | 12402931 | 0.49   | cps   |
| Sodium     | 23-2  | 37205258 | 37408847 | 37345064 | 37319723 | 0.28   | cps   |
| Strontium  | 86-1  | 3235736  | 3234283  | 3225053  | 3231691  | 0.18   | cps   |
| Strontium  | 88-1  | 28352143 | 28172506 | 28319644 | 28281431 | 0.34   | cps   |
| Sulfur     | 34-1  | 1023852  | 1020430  | 1023862  | 1022715  | 0.19   | cps   |
| Terbium    | 159-1 | 18879809 | 19007977 | 18893185 | 18926990 | 0.37   | cps   |
| Terbium    | 159-2 | 9443120  | 9500231  | 9556108  | 9499820  | 0.59   | cps   |
| Thallium   | 203-1 | 9799054  | 9729071  | 9773716  | 9767281  | 0.36   | cps   |
| Thallium   | 205-1 | 23072077 | 22913937 | 23068127 | 23018047 | 0.39   | cps   |
| Tin        | 118-1 | 8474145  | 8473223  | 8506018  | 8484462  | 0.22   | cps   |
| Titanium   | 47-1  | 6741143  | 6729235  | 6728615  | 6732998  | 0.10   | cps   |
| Uranium    | 238-1 | 34905532 | 34610001 | 34728010 | 34747848 | 0.43   | cps   |
| Vanadium   | 51-2  | 2475396  | 2499948  | 2504818  | 2493387  | 0.63   | cps   |
| Yttrium    | 89-1  | 15070086 | 15131743 | 15086377 | 15096069 | 0.21   | cps   |
| Yttrium    | 89-2  | 2171302  | 2190412  | 2203033  | 2188249  | 0.73   | cps   |
| Zinc       | 66-2  | 965398   | 976921   | 980500   | 974273   | 0.81   | cps   |
| Zirconium  | 90-1  | 18097031 | 18017401 | 18163925 | 18092786 | 0.41   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | S7                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S7                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 12:02:55 | DataFile Name :   | 010CALS.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 3978351 | 3965814 | 3980429 | 3974864 | 0.20   | cps   |

LB Number : LB91543 Operator : Jaswal  
 Lab Sample ID : S8 Instrumnet Name : P7  
 Client Sample ID : S8 Dilution Factor : 1  
 Date & Time Acquired :: 2017-11-10 12:06:36 DataFile Name : 011CAL.S.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 8912954   | 9054977   | 9141965   | 9036632   | 1.28   | cps   |
| Antimony   | 121-1 | 28972     | 27352     | 26726     | 27684     | 4.19   | cps   |
| Arsenic    | 75-2  | 213       | 163       | 163       | 180       | 16.07  | cps   |
| Barium     | 135-1 | 3776      | 3884      | 3359      | 3673      | 7.55   | cps   |
| Barium     | 137-1 | 6377      | 6719      | 7085      | 6727      | 5.27   | cps   |
| Beryllium  | 9-1   | 522       | 467       | 511       | 500       | 5.88   | cps   |
| Bismuth    | 209-1 | 10187952  | 10064358  | 10075530  | 10109280  | 0.68   | cps   |
| Bismuth    | 209-2 | 6145832   | 6161270   | 6209023   | 6172042   | 0.53   | cps   |
| Boron      | 10-1  | 6627      | 6210      | 5410      | 6082      | 10.17  | cps   |
| Boron      | 11-1  | 32010     | 29271     | 27058     | 29446     | 8.42   | cps   |
| Cadmium    | 111-1 | 2709      | 2666      | 2714      | 2696      | 0.99   | cps   |
| Cadmium    | 106-1 | 3484      | 3342      | 3326      | 3384      | 2.57   | cps   |
| Cadmium    | 108-1 | 54        | 46        | 38        | 46        | 18.19  | cps   |
| Calcium    | 43-1  | 14589153  | 14499112  | 14713546  | 14600604  | 0.74   | cps   |
| Calcium    | 44-1  | 234605997 | 234888089 | 236406172 | 235300086 | 0.41   | cps   |
| Chromium   | 52-2  | 37962     | 39543     | 39276     | 38927     | 2.17   | cps   |
| Cobalt     | 59-2  | 5898      | 6321      | 6472      | 6230      | 4.77   | cps   |
| Copper     | 63-2  | 13570     | 13413     | 13703     | 13562     | 1.07   | cps   |
| Dysprosium | 156-1 | 58        | 58        | 117       | 78        | 43.30  | cps   |
| Dysprosium | 156-2 | 43        | 27        | 50        | 40        | 30.04  | cps   |
| Erbium     | 164-1 | 50        | 83        | 100       | 78        | 32.74  | cps   |
| Erbium     | 164-2 | 53        | 37        | 50        | 47        | 18.89  | cps   |
| Gadolinium | 160-1 | 158       | 117       | 83        | 119       | 31.46  | cps   |
| Gadolinium | 160-2 | 137       | 120       | 100       | 119       | 15.44  | cps   |
| Holmium    | 165-1 | 17148447  | 17027885  | 17132114  | 17102815  | 0.38   | cps   |
| Holmium    | 165-2 | 9219997   | 9333140   | 9317927   | 9290355   | 0.66   | cps   |
| Indium     | 115-1 | 13656152  | 13593638  | 13730112  | 13659967  | 0.50   | cps   |
| Indium     | 115-2 | 2784911   | 2819283   | 2812293   | 2805496   | 0.65   | cps   |
| Iron       | 56-2  | 622155014 | 628805970 | 638667614 | 629876199 | 1.32   | cps   |
| Iron       | 57-2  | 15223556  | 15469411  | 15595774  | 15429580  | 1.23   | cps   |
| Lead       | 206-1 | 11033     | 10810     | 10749     | 10864     | 1.37   | cps   |
| Lead       | 207-1 | 9526      | 9893      | 9804      | 9741      | 1.96   | cps   |
| Lead       | 208-1 | 43874     | 44308     | 42961     | 43714     | 1.57   | cps   |
| Lithium    | 6-1   | 2484729   | 2480355   | 2493234   | 2486106   | 0.26   | cps   |
| Magnesium  | 24-2  | 102061304 | 103340663 | 104062854 | 103154941 | 0.98   | cps   |
| Manganese  | 55-2  | 16102     | 16780     | 16529     | 16471     | 2.08   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB91543             | Operator :        | Jaswal     |
| Lab Sample ID :         | S8                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S8                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-11-10 12:06:36 | DataFile Name :   | 011CAL.S.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Molybdenum | 94-1  | 12790     | 11997     | 12056     | 12281     | 3.60   | cps   |
| Molybdenum | 95-1  | 18304     | 17353     | 17945     | 17867     | 2.69   | cps   |
| Molybdenum | 96-1  | 24455     | 23737     | 23829     | 24007     | 1.63   | cps   |
| Molybdenum | 97-1  | 11697     | 11071     | 10871     | 11213     | 3.84   | cps   |
| Molybdenum | 98-1  | 30667     | 28579     | 28830     | 29359     | 3.88   | cps   |
| Neodymium  | 150-1 | 187       | 80        | 80        | 116       | 53.30  | cps   |
| Neodymium  | 150-2 | 30        | 37        | 27        | 31        | 16.37  | cps   |
| Nickel     | 60-2  | 13520     | 13633     | 13496     | 13550     | 0.54   | cps   |
| Phosphorus | 31-2  | 167       | 133       | 183       | 161       | 15.80  | cps   |
| Potassium  | 39-2  | 50944764  | 51697070  | 52556942  | 51732925  | 1.56   | cps   |
| Rhodium    | 103-1 | 12065200  | 12051648  | 12062686  | 12059845  | 0.06   | cps   |
| Rhodium    | 103-2 | 6200383   | 6198106   | 6242853   | 6213781   | 0.41   | cps   |
| Scandium   | 45-1  | 8524922   | 8626887   | 8595217   | 8582342   | 0.61   | cps   |
| Scandium   | 45-2  | 390139    | 394103    | 396604    | 393615    | 0.83   | cps   |
| Selenium   | 77-2  | 10        | 7         | 7         | 8         | 24.71  | cps   |
| Selenium   | 78-2  | 61        | 81        | 63        | 69        | 16.44  | cps   |
| Selenium   | 82-1  | 229       | 70        | 124       | 141       | 57.54  | cps   |
| Silicon    | 28-1  | 1163527   | 1206000   | 1222215   | 1197247   | 2.53   | cps   |
| Silver     | 109-1 | 1750      | 1608      | 1467      | 1608      | 8.81   | cps   |
| Silver     | 107-1 | 1692      | 1575      | 2092      | 1786      | 15.17  | cps   |
| Sodium     | 23-2  | 189343279 | 190859033 | 193168763 | 191123692 | 1.01   | cps   |
| Strontium  | 86-1  | 111976    | 111649    | 111438    | 111688    | 0.24   | cps   |
| Strontium  | 88-1  | 952554    | 958790    | 960794    | 957379    | 0.45   | cps   |
| Sulfur     | 34-1  | 234448    | 236277    | 240789    | 237171    | 1.38   | cps   |
| Terbium    | 159-1 | 18113083  | 17922026  | 17974261  | 18003124  | 0.55   | cps   |
| Terbium    | 159-2 | 9358711   | 9398715   | 9435182   | 9397536   | 0.41   | cps   |
| Thallium   | 203-1 | 4651      | 3992      | 4426      | 4356      | 7.68   | cps   |
| Thallium   | 205-1 | 10788     | 10121     | 9996      | 10302     | 4.14   | cps   |
| Tin        | 118-1 | 11155     | 11230     | 10996     | 11127     | 1.07   | cps   |
| Titanium   | 47-1  | 2075      | 2017      | 2084      | 2059      | 1.77   | cps   |
| Uranium    | 238-1 | 3184      | 3176      | 3376      | 3245      | 3.49   | cps   |
| Vanadium   | 51-2  | 687       | 807       | 717       | 737       | 8.48   | cps   |
| Yttrium    | 89-1  | 14704501  | 14666351  | 14734119  | 14701657  | 0.23   | cps   |
| Yttrium    | 89-2  | 2219964   | 2234469   | 2245110   | 2233181   | 0.57   | cps   |
| Zinc       | 66-2  | 6812      | 7129      | 6855      | 6932      | 2.48   | cps   |
| Zirconium  | 90-1  | 4076      | 4076      | 4559      | 4237      | 6.59   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | S8                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S8                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 12:06:36 | DataFile Name :   | 011CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 992  | 1142 | 1092 | 1075    | 7.11   | cps   |

LB Number : LB91543 Operator : Jaswal  
 Lab Sample ID : ICV01 Instrumnet Name : P7  
 Client Sample ID : ICV01 Dilution Factor : 1  
 Date & Time Acquired :: 2017-11-10 12:39:10 DataFile Name : 012ICV01.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 46273    | 47409    | 46039    | 46574    | 1.57   | cps   |
| Antimony   | 121-1 | 2025292  | 2040642  | 2016923  | 2027619  | 0.59   | cps   |
| Arsenic    | 75-2  | 67392    | 67972    | 67788    | 67718    | 0.44   | cps   |
| Barium     | 135-1 | 242687   | 245189   | 244128   | 244001   | 0.51   | cps   |
| Barium     | 137-1 | 425006   | 426709   | 427015   | 426243   | 0.25   | cps   |
| Beryllium  | 9-1   | 148889   | 149474   | 148222   | 148862   | 0.42   | cps   |
| Bismuth    | 209-1 | 11915601 | 11907817 | 11971511 | 11931643 | 0.29   | cps   |
| Bismuth    | 209-2 | 7181146  | 7212095  | 7224467  | 7205903  | 0.31   | cps   |
| Boron      | 10-1  | 90998    | 89640    | 92079    | 90905    | 1.34   | cps   |
| Boron      | 11-1  | 436471   | 450619   | 457682   | 448258   | 2.41   | cps   |
| Cadmium    | 111-1 | 252258   | 254884   | 250317   | 252486   | 0.91   | cps   |
| Cadmium    | 106-1 | 46276    | 44956    | 45557    | 45596    | 1.45   | cps   |
| Cadmium    | 108-1 | 24409    | 24067    | 23570    | 24015    | 1.76   | cps   |
| Calcium    | 43-1  | 62801    | 63587    | 64793    | 63727    | 1.57   | cps   |
| Calcium    | 44-1  | 991083   | 996030   | 992657   | 993257   | 0.25   | cps   |
| Chromium   | 52-2  | 289198   | 288869   | 290664   | 289577   | 0.33   | cps   |
| Cobalt     | 59-2  | 499801   | 506232   | 504130   | 503388   | 0.65   | cps   |
| Copper     | 63-2  | 369759   | 371854   | 369801   | 370471   | 0.32   | cps   |
| Dysprosium | 156-1 | 0        | 25       | 50       | 25       | 100.00 | cps   |
| Dysprosium | 156-2 | 33       | 37       | 17       | 29       | 37.08  | cps   |
| Erbium     | 164-1 | 42       | 117      | 125      | 94       | 48.60  | cps   |
| Erbium     | 164-2 | 43       | 53       | 50       | 49       | 10.42  | cps   |
| Gadolinium | 160-1 | 83       | 100      | 100      | 94       | 10.19  | cps   |
| Gadolinium | 160-2 | 103      | 123      | 110      | 112      | 9.07   | cps   |
| Holmium    | 165-1 | 17858836 | 17994844 | 18123164 | 17992282 | 0.73   | cps   |
| Holmium    | 165-2 | 9468283  | 9463015  | 9452846  | 9461381  | 0.08   | cps   |
| Indium     | 115-1 | 14859792 | 14981380 | 14958555 | 14933242 | 0.43   | cps   |
| Indium     | 115-2 | 2937817  | 2928815  | 2944318  | 2936983  | 0.27   | cps   |
| Iron       | 56-2  | 2473210  | 2480399  | 2478420  | 2477343  | 0.15   | cps   |
| Iron       | 57-2  | 60994    | 62153    | 61992    | 61713    | 1.02   | cps   |
| Lead       | 206-1 | 1573699  | 1571036  | 1564887  | 1569874  | 0.29   | cps   |
| Lead       | 207-1 | 1390173  | 1399269  | 1390540  | 1393327  | 0.37   | cps   |
| Lead       | 208-1 | 6350245  | 6332084  | 6368940  | 6350423  | 0.29   | cps   |
| Lithium    | 6-1   | 2741983  | 2736597  | 2756503  | 2745027  | 0.38   | cps   |
| Magnesium  | 24-2  | 246120   | 245646   | 243423   | 245063   | 0.59   | cps   |
| Manganese  | 55-2  | 164423   | 164471   | 166179   | 165024   | 0.61   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB91543             | Operator :        | Jaswal     |
| Lab Sample ID :         | ICV01               | Instrumnet Name : | P7         |
| Client Sample ID :      | ICV01               | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-11-10 12:39:10 | DataFile Name :   | 012ICV01.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 4794211  | 4829993  | 4781872  | 4802025  | 0.52   | cps   |
| Molybdenum | 95-1  | 2550444  | 2564190  | 2531825  | 2548820  | 0.64   | cps   |
| Molybdenum | 96-1  | 3260973  | 3260521  | 3248606  | 3256700  | 0.22   | cps   |
| Molybdenum | 97-1  | 1565940  | 1580225  | 1578032  | 1574732  | 0.49   | cps   |
| Molybdenum | 98-1  | 4112145  | 4111136  | 4121707  | 4114996  | 0.14   | cps   |
| Neodymium  | 150-1 | 27       | 13       | 47       | 29       | 58.08  | cps   |
| Neodymium  | 150-2 | 3        | 7        | 3        | 4        | 43.40  | cps   |
| Nickel     | 60-2  | 134122   | 135310   | 134503   | 134645   | 0.45   | cps   |
| Phosphorus | 31-2  | 142      | 100      | 133      | 125      | 17.64  | cps   |
| Potassium  | 39-2  | 404418   | 409231   | 403560   | 405736   | 0.75   | cps   |
| Rhodium    | 103-1 | 13664775 | 13713581 | 13801920 | 13726759 | 0.51   | cps   |
| Rhodium    | 103-2 | 6887016  | 6935647  | 6911049  | 6911237  | 0.35   | cps   |
| Scandium   | 45-1  | 8918218  | 8963564  | 8909199  | 8930327  | 0.33   | cps   |
| Scandium   | 45-2  | 389375   | 387927   | 389558   | 388953   | 0.23   | cps   |
| Selenium   | 77-2  | 1373     | 1230     | 1313     | 1306     | 5.51   | cps   |
| Selenium   | 78-2  | 4499     | 4512     | 4543     | 4518     | 0.51   | cps   |
| Selenium   | 82-1  | 29438    | 29690    | 29730    | 29619    | 0.53   | cps   |
| Silicon    | 28-1  | 3097149  | 3106125  | 3078697  | 3093990  | 0.45   | cps   |
| Silver     | 109-1 | 1173728  | 1178365  | 1182591  | 1178228  | 0.38   | cps   |
| Silver     | 107-1 | 1227275  | 1226580  | 1232822  | 1228892  | 0.28   | cps   |
| Sodium     | 23-2  | 758376   | 758482   | 761680   | 759512   | 0.25   | cps   |
| Strontium  | 86-1  | 1638992  | 1646858  | 1635937  | 1640595  | 0.34   | cps   |
| Strontium  | 88-1  | 14295692 | 14349543 | 14257441 | 14300892 | 0.32   | cps   |
| Sulfur     | 34-1  | 247582   | 253030   | 250531   | 250381   | 1.09   | cps   |
| Terbium    | 159-1 | 18726079 | 18942059 | 18865151 | 18844430 | 0.58   | cps   |
| Terbium    | 159-2 | 9583918  | 9578916  | 9584622  | 9582485  | 0.03   | cps   |
| Thallium   | 203-1 | 1951302  | 1968173  | 1958811  | 1959428  | 0.43   | cps   |
| Thallium   | 205-1 | 4659201  | 4706161  | 4657464  | 4674275  | 0.59   | cps   |
| Tin        | 118-1 | 4323775  | 4324414  | 4348682  | 4332290  | 0.33   | cps   |
| Titanium   | 47-1  | 708138   | 704487   | 698406   | 703677   | 0.70   | cps   |
| Uranium    | 238-1 | 18689122 | 18586804 | 18715841 | 18663922 | 0.36   | cps   |
| Vanadium   | 51-2  | 240556   | 239046   | 240606   | 240069   | 0.37   | cps   |
| Yttrium    | 89-1  | 15292403 | 15321483 | 15380717 | 15331534 | 0.29   | cps   |
| Yttrium    | 89-2  | 2211735  | 2222067  | 2230342  | 2221381  | 0.42   | cps   |
| Zinc       | 66-2  | 103772   | 103741   | 104168   | 103894   | 0.23   | cps   |
| Zirconium  | 90-1  | 9070818  | 9048772  | 9131784  | 9083791  | 0.47   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB91543             | Operator :        | Jaswal     |
| Lab Sample ID :         | ICV01               | Instrumnet Name : | P7         |
| Client Sample ID :      | ICV01               | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-11-10 12:39:10 | DataFile Name :   | 012ICV01.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 2000059 | 1991959 | 1998872 | 1996964 | 0.22   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB01               | Instrumnet Name : | P7        |
| Client Sample ID :      | ICB01               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 12:46:14 | DataFile Name :   | 013CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 75       | 108      | 108      | 97       | 19.80  | cps   |
| Antimony   | 121-1 | 3159     | 2900     | 3017     | 3025     | 4.28   | cps   |
| Arsenic    | 75-2  | 11       | 7        | 20       | 13       | 51.50  | cps   |
| Barium     | 135-1 | 275      | 150      | 208      | 211      | 29.63  | cps   |
| Barium     | 137-1 | 342      | 242      | 308      | 297      | 17.13  | cps   |
| Beryllium  | 9-1   | 89       | 89       | 106      | 94       | 10.19  | cps   |
| Bismuth    | 209-1 | 12039865 | 12016043 | 12061656 | 12039188 | 0.19   | cps   |
| Bismuth    | 209-2 | 7187337  | 7265239  | 7218944  | 7223840  | 0.54   | cps   |
| Boron      | 10-1  | 1575     | 1583     | 1425     | 1528     | 5.83   | cps   |
| Boron      | 11-1  | 7219     | 6393     | 6718     | 6777     | 6.14   | cps   |
| Cadmium    | 111-1 | 2415     | 2169     | 2281     | 2288     | 5.40   | cps   |
| Cadmium    | 106-1 | 3417     | 3059     | 3226     | 3234     | 5.55   | cps   |
| Cadmium    | 108-1 | 8        | 8        | 8        | 8        | 0.00   | cps   |
| Calcium    | 43-1  | 250      | 275      | 392      | 306      | 24.75  | cps   |
| Calcium    | 44-1  | 18946    | 18162    | 19155    | 18754    | 2.79   | cps   |
| Chromium   | 52-2  | 1380     | 1667     | 1527     | 1525     | 9.40   | cps   |
| Cobalt     | 59-2  | 147      | 183      | 200      | 177      | 15.45  | cps   |
| Copper     | 63-2  | 1690     | 1567     | 1553     | 1603     | 4.70   | cps   |
| Dysprosium | 156-1 | 17       | 0        | 0        | 6        | 173.21 | cps   |
| Dysprosium | 156-2 | 7        | 7        | 0        | 4        | 86.60  | cps   |
| Erbium     | 164-1 | 100      | 17       | 50       | 56       | 75.50  | cps   |
| Erbium     | 164-2 | 23       | 17       | 20       | 20       | 16.65  | cps   |
| Gadolinium | 160-1 | 42       | 92       | 125      | 86       | 48.71  | cps   |
| Gadolinium | 160-2 | 83       | 90       | 100      | 91       | 9.21   | cps   |
| Holmium    | 165-1 | 18014042 | 18087791 | 17907248 | 18003027 | 0.50   | cps   |
| Holmium    | 165-2 | 9441146  | 9406964  | 9341978  | 9396696  | 0.54   | cps   |
| Indium     | 115-1 | 15146453 | 15143401 | 15119175 | 15136343 | 0.10   | cps   |
| Indium     | 115-2 | 2951786  | 2952786  | 2951754  | 2952109  | 0.02   | cps   |
| Iron       | 56-2  | 5412     | 5368     | 5901     | 5560     | 5.32   | cps   |
| Iron       | 57-2  | 200      | 211      | 211      | 207      | 3.09   | cps   |
| Lead       | 206-1 | 1250     | 1106     | 1183     | 1180     | 6.13   | cps   |
| Lead       | 207-1 | 1072     | 1295     | 1161     | 1176     | 9.51   | cps   |
| Lead       | 208-1 | 5078     | 5317     | 5028     | 5141     | 3.00   | cps   |
| Lithium    | 6-1   | 2777184  | 2788694  | 2770575  | 2778818  | 0.33   | cps   |
| Magnesium  | 24-2  | 817      | 892      | 1000     | 903      | 10.21  | cps   |
| Manganese  | 55-2  | 57       | 73       | 100      | 77       | 28.51  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB01               | Instrumnet Name : | P7        |
| Client Sample ID :      | ICB01               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 12:46:14 | DataFile Name :   | 013CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD   | Units |
|------------|-------|----------|----------|----------|----------|----------|-------|
| Molybdenum | 94-1  | 1150     | 1125     | 900      | 1058     | 13.01    | cps   |
| Molybdenum | 95-1  | 892      | 650      | 725      | 756      | 16.37    | cps   |
| Molybdenum | 96-1  | 742      | 958      | 1017     | 906      | 16.00    | cps   |
| Molybdenum | 97-1  | 492      | 458      | 400      | 450      | 10.31    | cps   |
| Molybdenum | 98-1  | 1342     | 1192     | 1217     | 1250     | 6.43     | cps   |
| Neodymium  | 150-1 | 13       | 0        | 0        | 4        | 173.21   | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00     | cps   |
| Nickel     | 60-2  | 147      | 183      | 163      | 164      | 11.16    | cps   |
| Phosphorus | 31-2  | 167      | 58       | 50       | 92       | 71.00    | cps   |
| Potassium  | 39-2  | 18203    | 18654    | 19413    | 18757    | 3.26     | cps   |
| Rhodium    | 103-1 | 13857800 | 13989716 | 13874344 | 13907287 | 0.52     | cps   |
| Rhodium    | 103-2 | 6939490  | 6945009  | 6927029  | 6937176  | 0.13     | cps   |
| Scandium   | 45-1  | 9010981  | 9035574  | 8949259  | 8998605  | 0.49     | cps   |
| Scandium   | 45-2  | 389529   | 391654   | 391138   | 390774   | 0.28     | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00     | cps   |
| Selenium   | 78-2  | 57       | 72       | 70       | 67       | 12.10    | cps   |
| Selenium   | 82-1  | 76       | -92      | 18       | 1        | 14979.26 | cps   |
| Silicon    | 28-1  | 185190   | 185223   | 184542   | 184985   | 0.21     | cps   |
| Silver     | 109-1 | 317      | 308      | 208      | 278      | 21.70    | cps   |
| Silver     | 107-1 | 258      | 342      | 258      | 286      | 16.82    | cps   |
| Sodium     | 23-2  | 13582    | 14099    | 13081    | 13587    | 3.75     | cps   |
| Strontium  | 86-1  | 792      | 775      | 592      | 719      | 15.43    | cps   |
| Strontium  | 88-1  | 675      | 750      | 392      | 606      | 31.21    | cps   |
| Sulfur     | 34-1  | 259982   | 256731   | 257056   | 257923   | 0.69     | cps   |
| Terbium    | 159-1 | 19025948 | 19116692 | 18880435 | 19007692 | 0.63     | cps   |
| Terbium    | 159-2 | 9577810  | 9551760  | 9528508  | 9552693  | 0.26     | cps   |
| Thallium   | 203-1 | 458      | 542      | 508      | 503      | 8.34     | cps   |
| Thallium   | 205-1 | 1158     | 975      | 875      | 1003     | 14.33    | cps   |
| Tin        | 118-1 | 2134     | 2192     | 1875     | 2067     | 8.16     | cps   |
| Titanium   | 47-1  | 192      | 175      | 133      | 167      | 18.03    | cps   |
| Uranium    | 238-1 | 975      | 783      | 742      | 833      | 14.93    | cps   |
| Vanadium   | 51-2  | 20       | 27       | 33       | 27       | 24.99    | cps   |
| Yttrium    | 89-1  | 15363459 | 15527899 | 15389514 | 15426957 | 0.57     | cps   |
| Yttrium    | 89-2  | 2222598  | 2221232  | 2214447  | 2219426  | 0.20     | cps   |
| Zinc       | 66-2  | 3861     | 3747     | 3581     | 3729     | 3.78     | cps   |
| Zirconium  | 90-1  | 2092     | 1692     | 1667     | 1817     | 13.13    | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB01               | Instrumnet Name : | P7        |
| Client Sample ID :      | ICB01               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 12:46:14 | DataFile Name :   | 013CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 342  | 392  | 267  | 333     | 18.88  | cps   |

LB Number : LB91543 Operator : Jaswal  
 Lab Sample ID : ICSA01 Instrumnet Name : P7  
 Client Sample ID : ICSA01 Dilution Factor : 1  
 Date & Time Acquired :: 2017-11-10 12:49:47 DataFile Name : 014ICSA01.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 8072035   | 8065115   | 8192740   | 8109963   | 0.88   | cps   |
| Antimony   | 121-1 | 14767     | 14967     | 14892     | 14875     | 0.68   | cps   |
| Arsenic    | 75-2  | 143       | 106       | 126       | 125       | 14.87  | cps   |
| Barium     | 135-1 | 3659      | 3509      | 4226      | 3798      | 9.96   | cps   |
| Barium     | 137-1 | 6694      | 6677      | 6844      | 6738      | 1.36   | cps   |
| Beryllium  | 9-1   | 456       | 417       | 517       | 463       | 10.89  | cps   |
| Bismuth    | 209-1 | 11322767  | 11415191  | 11232891  | 11323617  | 0.80   | cps   |
| Bismuth    | 209-2 | 6779772   | 6805694   | 6904879   | 6830115   | 0.97   | cps   |
| Boron      | 10-1  | 1258      | 1250      | 1075      | 1195      | 8.67   | cps   |
| Boron      | 11-1  | 6443      | 6068      | 6210      | 6240      | 3.04   | cps   |
| Cadmium    | 111-1 | 3426      | 3429      | 3229      | 3361      | 3.40   | cps   |
| Cadmium    | 106-1 | 3434      | 3459      | 3251      | 3381      | 3.37   | cps   |
| Cadmium    | 108-1 | 1642      | 1775      | 1721      | 1713      | 3.92   | cps   |
| Calcium    | 43-1  | 2870259   | 2850790   | 2859788   | 2860279   | 0.34   | cps   |
| Calcium    | 44-1  | 46033246  | 46067894  | 46421489  | 46174209  | 0.47   | cps   |
| Chromium   | 52-2  | 60484     | 61023     | 60216     | 60574     | 0.68   | cps   |
| Cobalt     | 59-2  | 5758      | 6125      | 5861      | 5915      | 3.20   | cps   |
| Copper     | 63-2  | 30889     | 30656     | 31290     | 30945     | 1.04   | cps   |
| Dysprosium | 156-1 | 33        | 67        | 67        | 56        | 34.65  | cps   |
| Dysprosium | 156-2 | 23        | 30        | 30        | 28        | 13.86  | cps   |
| Erbium     | 164-1 | 83        | 83        | 117       | 94        | 20.37  | cps   |
| Erbium     | 164-2 | 50        | 37        | 37        | 41        | 18.72  | cps   |
| Gadolinium | 160-1 | 117       | 108       | 100       | 108       | 7.69   | cps   |
| Gadolinium | 160-2 | 123       | 107       | 93        | 108       | 13.95  | cps   |
| Holmium    | 165-1 | 18083785  | 18190887  | 18169905  | 18148192  | 0.31   | cps   |
| Holmium    | 165-2 | 9588190   | 9582314   | 9587176   | 9585893   | 0.03   | cps   |
| Indium     | 115-1 | 14864805  | 14901406  | 14913086  | 14893099  | 0.17   | cps   |
| Indium     | 115-2 | 2919653   | 2930603   | 2933357   | 2927871   | 0.25   | cps   |
| Iron       | 56-2  | 248103133 | 248332556 | 249220111 | 248551933 | 0.24   | cps   |
| Iron       | 57-2  | 6082274   | 6109918   | 6136607   | 6109600   | 0.44   | cps   |
| Lead       | 206-1 | 37587     | 36868     | 35894     | 36783     | 2.31   | cps   |
| Lead       | 207-1 | 30547     | 30101     | 30090     | 30246     | 0.86   | cps   |
| Lead       | 208-1 | 142603    | 140618    | 139906    | 141042    | 0.99   | cps   |
| Lithium    | 6-1   | 2639083   | 2622686   | 2609674   | 2623814   | 0.56   | cps   |
| Magnesium  | 24-2  | 19904712  | 19906668  | 20111038  | 19974139  | 0.59   | cps   |
| Manganese  | 55-2  | 13473     | 12846     | 13256     | 13192     | 2.41   | cps   |



|                         |                     |                   |             |
|-------------------------|---------------------|-------------------|-------------|
| LB Number :             | LB91543             | Operator :        | Jaswal      |
| Lab Sample ID :         | ICSA01              | Instrumnet Name : | P7          |
| Client Sample ID :      | ICSA01              | Dilution Factor : | 1           |
| Date & Time Acquired :: | 2017-11-10 12:49:47 | DataFile Name :   | 014ICSA01.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 5507050  | 5564467  | 5556670  | 5542729  | 0.56   | cps   |
| Molybdenum | 95-1  | 9618929  | 9685157  | 9754861  | 9686316  | 0.70   | cps   |
| Molybdenum | 96-1  | 10292375 | 10322823 | 10366931 | 10327376 | 0.36   | cps   |
| Molybdenum | 97-1  | 6031750  | 6076636  | 6085936  | 6064774  | 0.48   | cps   |
| Molybdenum | 98-1  | 15652556 | 15765953 | 15853459 | 15757323 | 0.64   | cps   |
| Neodymium  | 150-1 | 20       | 60       | 80       | 53       | 57.28  | cps   |
| Neodymium  | 150-2 | 10       | 17       | 20       | 16       | 32.73  | cps   |
| Nickel     | 60-2  | 6938     | 7255     | 7299     | 7164     | 2.74   | cps   |
| Phosphorus | 31-2  | 428866   | 426343   | 435314   | 430174   | 1.08   | cps   |
| Potassium  | 39-2  | 19812739 | 19725697 | 19907230 | 19815222 | 0.46   | cps   |
| Rhodium    | 103-1 | 13201612 | 13331447 | 13317272 | 13283443 | 0.54   | cps   |
| Rhodium    | 103-2 | 6707982  | 6707874  | 6747385  | 6721081  | 0.34   | cps   |
| Scandium   | 45-1  | 9081247  | 9038876  | 9062148  | 9060757  | 0.23   | cps   |
| Scandium   | 45-2  | 392814   | 396195   | 398779   | 395930   | 0.76   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 50       | 69       | 63       | 60       | 15.71  | cps   |
| Selenium   | 82-1  | 48       | 61       | -61      | 16       | 426.71 | cps   |
| Silicon    | 28-1  | 312399   | 311165   | 313406   | 312324   | 0.36   | cps   |
| Silver     | 109-1 | 1075     | 1058     | 1275     | 1136     | 10.61  | cps   |
| Silver     | 107-1 | 933      | 1100     | 1242     | 1092     | 14.14  | cps   |
| Sodium     | 23-2  | 37330428 | 37327914 | 37387581 | 37348641 | 0.09   | cps   |
| Strontium  | 86-1  | 107190   | 110280   | 109474   | 108981   | 1.47   | cps   |
| Strontium  | 88-1  | 938309   | 950732   | 949315   | 946119   | 0.72   | cps   |
| Sulfur     | 34-1  | 4265126  | 4239590  | 4241673  | 4248796  | 0.33   | cps   |
| Terbium    | 159-1 | 19084523 | 19209514 | 19130445 | 19141494 | 0.33   | cps   |
| Terbium    | 159-2 | 9692057  | 9701332  | 9730081  | 9707823  | 0.20   | cps   |
| Thallium   | 203-1 | 1734     | 1834     | 1650     | 1739     | 5.28   | cps   |
| Thallium   | 205-1 | 3551     | 3342     | 3376     | 3423     | 3.27   | cps   |
| Tin        | 118-1 | 2742     | 2592     | 2759     | 2698     | 3.40   | cps   |
| Titanium   | 47-1  | 2695618  | 2676530  | 2700191  | 2690780  | 0.47   | cps   |
| Uranium    | 238-1 | 908      | 908      | 942      | 920      | 2.09   | cps   |
| Vanadium   | 51-2  | 393      | 393      | 360      | 382      | 5.04   | cps   |
| Yttrium    | 89-1  | 15415466 | 15568856 | 15651611 | 15545311 | 0.77   | cps   |
| Yttrium    | 89-2  | 2256054  | 2260242  | 2286227  | 2267508  | 0.72   | cps   |
| Zinc       | 66-2  | 9003     | 8853     | 9276     | 9044     | 2.37   | cps   |
| Zirconium  | 90-1  | 5076     | 4826     | 3934     | 4612     | 13.02  | cps   |

|                         |                     |                   |             |
|-------------------------|---------------------|-------------------|-------------|
| LB Number :             | LB91543             | Operator :        | Jaswal      |
| Lab Sample ID :         | ICSA01              | Instrumnet Name : | P7          |
| Client Sample ID :      | ICSA01              | Dilution Factor : | 1           |
| Date & Time Acquired :: | 2017-11-10 12:49:47 | DataFile Name :   | 014ICSA01.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 1050 | 1058 | 1033 | 1047    | 1.22   | cps   |

LB Number : LB91543 Operator : Jaswal  
 Lab Sample ID : ICSAB01 Instrumnet Name : P7  
 Client Sample ID : ICSAB01 Dilution Factor : 1  
 Date & Time Acquired :: 2017-11-10 12:53:20 DataFile Name : 015ICSB.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 8403613   | 8405996   | 8419660   | 8409756   | 0.10   | cps   |
| Antimony   | 121-1 | 227256    | 227864    | 226570    | 227230    | 0.29   | cps   |
| Arsenic    | 75-2  | 6996      | 7257      | 7161      | 7138      | 1.85   | cps   |
| Barium     | 135-1 | 55428     | 56416     | 54751     | 55532     | 1.51   | cps   |
| Barium     | 137-1 | 96367     | 96274     | 96031     | 96224     | 0.18   | cps   |
| Beryllium  | 9-1   | 31277     | 30921     | 30431     | 30876     | 1.38   | cps   |
| Bismuth    | 209-1 | 11367455  | 11155954  | 11308341  | 11277250  | 0.97   | cps   |
| Bismuth    | 209-2 | 6772864   | 6827271   | 6802317   | 6800817   | 0.40   | cps   |
| Boron      | 10-1  | 10979     | 10229     | 10262     | 10490     | 4.04   | cps   |
| Boron      | 11-1  | 50059     | 50761     | 51723     | 50847     | 1.64   | cps   |
| Cadmium    | 111-1 | 53196     | 52024     | 51908     | 52376     | 1.36   | cps   |
| Cadmium    | 106-1 | 9345      | 9520      | 10171     | 9679      | 4.49   | cps   |
| Cadmium    | 108-1 | 5564      | 6026      | 5660      | 5750      | 4.25   | cps   |
| Calcium    | 43-1  | 2967018   | 2966583   | 2979366   | 2970989   | 0.24   | cps   |
| Calcium    | 44-1  | 47868791  | 47880615  | 48025476  | 47924960  | 0.18   | cps   |
| Chromium   | 52-2  | 122940    | 123619    | 123085    | 123215    | 0.29   | cps   |
| Cobalt     | 59-2  | 109595    | 110569    | 109686    | 109950    | 0.49   | cps   |
| Copper     | 63-2  | 106346    | 108689    | 106584    | 107207    | 1.20   | cps   |
| Dysprosium | 156-1 | 50        | 67        | 67        | 61        | 15.75  | cps   |
| Dysprosium | 156-2 | 47        | 17        | 47        | 37        | 47.23  | cps   |
| Erbium     | 164-1 | 108       | 108       | 67        | 94        | 25.47  | cps   |
| Erbium     | 164-2 | 47        | 23        | 47        | 39        | 34.65  | cps   |
| Gadolinium | 160-1 | 142       | 125       | 150       | 139       | 9.16   | cps   |
| Gadolinium | 160-2 | 107       | 113       | 117       | 112       | 4.54   | cps   |
| Holmium    | 165-1 | 18228368  | 18267124  | 18202417  | 18232636  | 0.18   | cps   |
| Holmium    | 165-2 | 9736970   | 9658515   | 9602864   | 9666116   | 0.70   | cps   |
| Indium     | 115-1 | 15031736  | 15119411  | 15136938  | 15096028  | 0.37   | cps   |
| Indium     | 115-2 | 2956689   | 2965761   | 2947558   | 2956669   | 0.31   | cps   |
| Iron       | 56-2  | 257209995 | 258356950 | 258131456 | 257899467 | 0.24   | cps   |
| Iron       | 57-2  | 6297678   | 6345207   | 6304274   | 6315720   | 0.41   | cps   |
| Lead       | 206-1 | 195462    | 192930    | 193075    | 193822    | 0.73   | cps   |
| Lead       | 207-1 | 168306    | 164095    | 164342    | 165581    | 1.43   | cps   |
| Lead       | 208-1 | 770592    | 754835    | 754635    | 760021    | 1.20   | cps   |
| Lithium    | 6-1   | 2624863   | 2600643   | 2603745   | 2609750   | 0.51   | cps   |
| Magnesium  | 24-2  | 20604813  | 20688928  | 20723058  | 20672266  | 0.29   | cps   |
| Manganese  | 55-2  | 48517     | 48624     | 48379     | 48507     | 0.25   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB01             | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSAB01             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 12:53:20 | DataFile Name :   | 015ICSB.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 6249136  | 6234550  | 6218054  | 6233913  | 0.25   | cps   |
| Molybdenum | 95-1  | 10276430 | 10275309 | 10318626 | 10290121 | 0.24   | cps   |
| Molybdenum | 96-1  | 11076603 | 10975971 | 11081715 | 11044763 | 0.54   | cps   |
| Molybdenum | 97-1  | 6479631  | 6437254  | 6486374  | 6467753  | 0.41   | cps   |
| Molybdenum | 98-1  | 16800649 | 16782205 | 16819071 | 16800642 | 0.11   | cps   |
| Neodymium  | 150-1 | 87       | 60       | 53       | 67       | 26.46  | cps   |
| Neodymium  | 150-2 | 13       | 47       | 17       | 26       | 71.84  | cps   |
| Nickel     | 60-2  | 34855    | 34802    | 34340    | 34666    | 0.82   | cps   |
| Phosphorus | 31-2  | 443203   | 447094   | 442981   | 444426   | 0.52   | cps   |
| Potassium  | 39-2  | 20505306 | 20659204 | 20663959 | 20609490 | 0.44   | cps   |
| Rhodium    | 103-1 | 13458612 | 13497483 | 13518345 | 13491480 | 0.22   | cps   |
| Rhodium    | 103-2 | 6796066  | 6787501  | 6794739  | 6792769  | 0.07   | cps   |
| Scandium   | 45-1  | 9193797  | 9153955  | 9254703  | 9200818  | 0.55   | cps   |
| Scandium   | 45-2  | 400199   | 401468   | 401264   | 400977   | 0.17   | cps   |
| Selenium   | 77-2  | 183      | 143      | 150      | 159      | 13.49  | cps   |
| Selenium   | 78-2  | 550      | 554      | 493      | 532      | 6.44   | cps   |
| Selenium   | 82-1  | 2992     | 3146     | 3065     | 3068     | 2.50   | cps   |
| Silicon    | 28-1  | 623673   | 625419   | 622022   | 623705   | 0.27   | cps   |
| Silver     | 109-1 | 234411   | 230247   | 232013   | 232224   | 0.90   | cps   |
| Silver     | 107-1 | 239242   | 239892   | 239680   | 239604   | 0.14   | cps   |
| Sodium     | 23-2  | 38526387 | 38849908 | 38787170 | 38721155 | 0.44   | cps   |
| Strontium  | 86-1  | 284560   | 281168   | 283395   | 283041   | 0.61   | cps   |
| Strontium  | 88-1  | 2468763  | 2442986  | 2470227  | 2460659  | 0.62   | cps   |
| Sulfur     | 34-1  | 3986795  | 4402979  | 4439058  | 4276277  | 5.88   | cps   |
| Terbium    | 159-1 | 19312238 | 19243447 | 19276317 | 19277334 | 0.18   | cps   |
| Terbium    | 159-2 | 9802874  | 9790560  | 9737152  | 9776862  | 0.36   | cps   |
| Thallium   | 203-1 | 195629   | 192950   | 192273   | 193617   | 0.92   | cps   |
| Thallium   | 205-1 | 466583   | 456755   | 461390   | 461576   | 1.07   | cps   |
| Tin        | 118-1 | 445134   | 443184   | 441763   | 443360   | 0.38   | cps   |
| Titanium   | 47-1  | 2865282  | 2880388  | 2861718  | 2869129  | 0.35   | cps   |
| Uranium    | 238-1 | 1743149  | 1731875  | 1722123  | 1732382  | 0.61   | cps   |
| Vanadium   | 51-2  | 51022    | 51741    | 51727    | 51496    | 0.80   | cps   |
| Yttrium    | 89-1  | 15764644 | 15776432 | 15832650 | 15791242 | 0.23   | cps   |
| Yttrium    | 89-2  | 2295881  | 2286104  | 2293835  | 2291940  | 0.22   | cps   |
| Zinc       | 66-2  | 19620    | 19446    | 20104    | 19724    | 1.73   | cps   |
| Zirconium  | 90-1  | 940393   | 947699   | 938731   | 942274   | 0.51   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB01             | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSAB01             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 12:53:20 | DataFile Name :   | 015ICSB.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 91-1 | 209367 | 207372 | 210832 | 209190  | 0.83   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB91543             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV25               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV25               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-11-10 12:56:53 | DataFile Name :   | 016CCV.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 4635220   | 4685622   | 4656897   | 4659246   | 0.54   | cps   |
| Antimony   | 121-1 | 5247448   | 5273720   | 5299305   | 5273491   | 0.49   | cps   |
| Arsenic    | 75-2  | 179914    | 180773    | 181966    | 180884    | 0.57   | cps   |
| Barium     | 135-1 | 6343557   | 6375076   | 6378021   | 6365551   | 0.30   | cps   |
| Barium     | 137-1 | 11068401  | 11059875  | 11095561  | 11074612  | 0.17   | cps   |
| Beryllium  | 9-1   | 763232    | 764526    | 765520    | 764426    | 0.15   | cps   |
| Bismuth    | 209-1 | 10804206  | 10882574  | 10825490  | 10837423  | 0.37   | cps   |
| Bismuth    | 209-2 | 6653722   | 6815233   | 6634303   | 6701086   | 1.48   | cps   |
| Boron      | 10-1  | 92944     | 94166     | 94335     | 93815     | 0.81   | cps   |
| Boron      | 11-1  | 446686    | 458281    | 460659    | 455209    | 1.64   | cps   |
| Cadmium    | 111-1 | 1176381   | 1191677   | 1189258   | 1185772   | 0.69   | cps   |
| Cadmium    | 106-1 | 129832    | 128276    | 128429    | 128845    | 0.67   | cps   |
| Cadmium    | 108-1 | 87774     | 88617     | 88185     | 88192     | 0.48   | cps   |
| Calcium    | 43-1  | 7636073   | 7609883   | 7658381   | 7634779   | 0.32   | cps   |
| Calcium    | 44-1  | 122906544 | 122522649 | 123177661 | 122868951 | 0.27   | cps   |
| Chromium   | 52-2  | 1597820   | 1601637   | 1602725   | 1600727   | 0.16   | cps   |
| Cobalt     | 59-2  | 2589103   | 2603740   | 2624637   | 2605827   | 0.69   | cps   |
| Copper     | 63-2  | 3672134   | 3695165   | 3721436   | 3696245   | 0.67   | cps   |
| Dysprosium | 156-1 | 125       | 75        | 117       | 106       | 25.38  | cps   |
| Dysprosium | 156-2 | 60        | 50        | 93        | 68        | 33.48  | cps   |
| Erbium     | 164-1 | 100       | 125       | 67        | 97        | 30.10  | cps   |
| Erbium     | 164-2 | 23        | 30        | 43        | 32        | 31.61  | cps   |
| Gadolinium | 160-1 | 58        | 142       | 92        | 97        | 43.14  | cps   |
| Gadolinium | 160-2 | 130       | 167       | 103       | 133       | 23.85  | cps   |
| Holmium    | 165-1 | 17991036  | 17908770  | 17845010  | 17914939  | 0.41   | cps   |
| Holmium    | 165-2 | 9684708   | 9779964   | 9625442   | 9696705   | 0.80   | cps   |
| Indium     | 115-1 | 14607952  | 14667601  | 14654885  | 14643480  | 0.21   | cps   |
| Indium     | 115-2 | 2942188   | 2996838   | 2961950   | 2966992   | 0.93   | cps   |
| Iron       | 56-2  | 321257207 | 325499063 | 324728829 | 323828366 | 0.70   | cps   |
| Iron       | 57-2  | 7865344   | 7921277   | 7941694   | 7909438   | 0.50   | cps   |
| Lead       | 206-1 | 3726923   | 3712977   | 3724018   | 3721306   | 0.20   | cps   |
| Lead       | 207-1 | 3457745   | 3438033   | 3443988   | 3446589   | 0.29   | cps   |
| Lead       | 208-1 | 15474354  | 15464189  | 15427963  | 15455502  | 0.16   | cps   |
| Lithium    | 6-1   | 2586895   | 2612899   | 2616572   | 2605455   | 0.62   | cps   |
| Magnesium  | 24-2  | 53712585  | 54337447  | 54010380  | 54020137  | 0.58   | cps   |
| Manganese  | 55-2  | 1791050   | 1803149   | 1798098   | 1797432   | 0.34   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB91543             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV25               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV25               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-11-10 12:56:53 | DataFile Name :   | 016CCV.d |

| Parameter  | Mass  | CPS1     | CPS2      | CPS3     | CPSMean   | CPSRSD | Units |
|------------|-------|----------|-----------|----------|-----------|--------|-------|
| Molybdenum | 94-1  | 10907603 | 10936845  | 10916727 | 10920392  | 0.14   | cps   |
| Molybdenum | 95-1  | 13032442 | 13109784  | 13028388 | 13056871  | 0.35   | cps   |
| Molybdenum | 96-1  | 14399460 | 14470509  | 14366349 | 14412106  | 0.37   | cps   |
| Molybdenum | 97-1  | 8140359  | 8165520   | 8088240  | 8131373   | 0.48   | cps   |
| Molybdenum | 98-1  | 21129193 | 21055751  | 21160237 | 21115060  | 0.25   | cps   |
| Neodymium  | 150-1 | 267      | 360       | 247      | 291       | 20.78  | cps   |
| Neodymium  | 150-2 | 57       | 50        | 47       | 51        | 9.96   | cps   |
| Nickel     | 60-2  | 671724   | 676424    | 682649   | 676933    | 0.81   | cps   |
| Phosphorus | 31-2  | 46398    | 46557     | 46440    | 46465     | 0.18   | cps   |
| Potassium  | 39-2  | 26790910 | 26969625  | 27066831 | 26942455  | 0.52   | cps   |
| Rhodium    | 103-1 | 13015621 | 13015429  | 13074097 | 13035049  | 0.26   | cps   |
| Rhodium    | 103-2 | 6619006  | 6733914   | 6672493  | 6675138   | 0.86   | cps   |
| Scandium   | 45-1  | 9244709  | 9247474   | 9333194  | 9275126   | 0.54   | cps   |
| Scandium   | 45-2  | 409294   | 417881    | 415853   | 414343    | 1.08   | cps   |
| Selenium   | 77-2  | 3571     | 3317      | 3400     | 3429      | 3.77   | cps   |
| Selenium   | 78-2  | 11436    | 11388     | 11584    | 11469     | 0.89   | cps   |
| Selenium   | 82-1  | 72914    | 73440     | 73683    | 73346     | 0.54   | cps   |
| Silicon    | 28-1  | 3682792  | 3766425   | 3814918  | 3754712   | 1.78   | cps   |
| Silver     | 109-1 | 5788228  | 5832918   | 5854909  | 5825351   | 0.58   | cps   |
| Silver     | 107-1 | 6042957  | 6065525   | 6056276  | 6054919   | 0.19   | cps   |
| Sodium     | 23-2  | 99608248 | 100522081 | 99957658 | 100029329 | 0.46   | cps   |
| Strontium  | 86-1  | 1714573  | 1717053   | 1708999  | 1713542   | 0.24   | cps   |
| Strontium  | 88-1  | 14905124 | 15036805  | 15017051 | 14986327  | 0.47   | cps   |
| Sulfur     | 34-1  | 655874   | 658815    | 657923   | 657537    | 0.23   | cps   |
| Terbium    | 159-1 | 18783003 | 18826270  | 18866025 | 18825099  | 0.22   | cps   |
| Terbium    | 159-2 | 9744067  | 9873242   | 9708777  | 9775362   | 0.89   | cps   |
| Thallium   | 203-1 | 4679084  | 4615196   | 4648747  | 4647675   | 0.69   | cps   |
| Thallium   | 205-1 | 11047011 | 11089382  | 11064339 | 11066910  | 0.19   | cps   |
| Tin        | 118-1 | 4236931  | 4194531   | 4236646  | 4222703   | 0.58   | cps   |
| Titanium   | 47-1  | 3555054  | 3561201   | 3578576  | 3564944   | 0.34   | cps   |
| Uranium    | 238-1 | 16881036 | 16760992  | 16945829 | 16862619  | 0.56   | cps   |
| Vanadium   | 51-2  | 1340396  | 1341525   | 1341649  | 1341190   | 0.05   | cps   |
| Yttrium    | 89-1  | 15574991 | 15689410  | 15700001 | 15654800  | 0.44   | cps   |
| Yttrium    | 89-2  | 2328748  | 2380930   | 2336279  | 2348652   | 1.20   | cps   |
| Zinc       | 66-2  | 497356   | 500051    | 504798   | 500735    | 0.75   | cps   |
| Zirconium  | 90-1  | 9373919  | 9398556   | 9381233  | 9384569   | 0.13   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB91543             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV25               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV25               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-11-10 12:56:53 | DataFile Name :   | 016CCV.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 2067694 | 2073529 | 2048725 | 2063316 | 0.63   | cps   |



LB Number : LB91543 Operator : Jaswal  
 Lab Sample ID : CCB25 Instrumnet Name : P7  
 Client Sample ID : CCB25 Dilution Factor : 1  
 Date & Time Acquired :: 2017-11-10 13:06:43 DataFile Name : 017CCBE.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 125      | 117      | 167      | 136      | 19.68  | cps   |
| Antimony   | 121-1 | 2892     | 3501     | 3376     | 3256     | 9.87   | cps   |
| Arsenic    | 75-2  | 11       | 20       | 31       | 21       | 48.60  | cps   |
| Barium     | 135-1 | 275      | 225      | 250      | 250      | 10.00  | cps   |
| Barium     | 137-1 | 283      | 283      | 367      | 311      | 15.47  | cps   |
| Beryllium  | 9-1   | 139      | 128      | 156      | 141      | 9.93   | cps   |
| Bismuth    | 209-1 | 12070696 | 12084556 | 12150753 | 12102002 | 0.35   | cps   |
| Bismuth    | 209-2 | 7365214  | 7349676  | 7359349  | 7358080  | 0.11   | cps   |
| Boron      | 10-1  | 800      | 825      | 725      | 783      | 6.64   | cps   |
| Boron      | 11-1  | 4117     | 4092     | 3909     | 4040     | 2.82   | cps   |
| Cadmium    | 111-1 | 2283     | 2540     | 2270     | 2365     | 6.44   | cps   |
| Cadmium    | 106-1 | 3217     | 3601     | 3209     | 3342     | 6.70   | cps   |
| Cadmium    | 108-1 | 21       | 25       | 25       | 24       | 10.20  | cps   |
| Calcium    | 43-1  | 408      | 383      | 358      | 383      | 6.52   | cps   |
| Calcium    | 44-1  | 22309    | 21900    | 21591    | 21934    | 1.64   | cps   |
| Chromium   | 52-2  | 1603     | 1637     | 1603     | 1615     | 1.19   | cps   |
| Cobalt     | 59-2  | 217      | 140      | 157      | 171      | 23.57  | cps   |
| Copper     | 63-2  | 2087     | 1927     | 1880     | 1965     | 5.52   | cps   |
| Dysprosium | 156-1 | 0        | 8        | 25       | 11       | 114.58 | cps   |
| Dysprosium | 156-2 | 10       | 3        | 0        | 4        | 114.60 | cps   |
| Erbium     | 164-1 | 50       | 50       | 67       | 56       | 17.32  | cps   |
| Erbium     | 164-2 | 10       | 13       | 13       | 12       | 15.73  | cps   |
| Gadolinium | 160-1 | 50       | 58       | 100      | 69       | 38.58  | cps   |
| Gadolinium | 160-2 | 63       | 103      | 100      | 89       | 24.97  | cps   |
| Holmium    | 165-1 | 18193120 | 18301345 | 18447723 | 18314063 | 0.70   | cps   |
| Holmium    | 165-2 | 9792781  | 9729965  | 9785373  | 9769373  | 0.35   | cps   |
| Indium     | 115-1 | 15438501 | 15668792 | 15563733 | 15557009 | 0.74   | cps   |
| Indium     | 115-2 | 3065083  | 3059802  | 3067173  | 3064019  | 0.12   | cps   |
| Iron       | 56-2  | 8825     | 9131     | 8725     | 8894     | 2.38   | cps   |
| Iron       | 57-2  | 311      | 344      | 383      | 346      | 10.44  | cps   |
| Lead       | 206-1 | 1622     | 1550     | 1533     | 1569     | 3.01   | cps   |
| Lead       | 207-1 | 1289     | 1422     | 1439     | 1383     | 5.94   | cps   |
| Lead       | 208-1 | 6579     | 6373     | 6390     | 6447     | 1.77   | cps   |
| Lithium    | 6-1   | 2747191  | 2755310  | 2733860  | 2745454  | 0.39   | cps   |
| Magnesium  | 24-2  | 1050     | 1292     | 1083     | 1142     | 11.47  | cps   |
| Manganese  | 55-2  | 130      | 77       | 67       | 91       | 37.37  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB25               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB25               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 13:06:43 | DataFile Name :   | 017CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1200     | 1408     | 1242     | 1283     | 8.59   | cps   |
| Molybdenum | 95-1  | 1400     | 1367     | 1275     | 1347     | 4.80   | cps   |
| Molybdenum | 96-1  | 1433     | 1500     | 1458     | 1464     | 2.30   | cps   |
| Molybdenum | 97-1  | 708      | 658      | 767      | 711      | 7.62   | cps   |
| Molybdenum | 98-1  | 1867     | 2100     | 2125     | 2031     | 7.02   | cps   |
| Neodymium  | 150-1 | 0        | 13       | 0        | 4        | 173.21 | cps   |
| Neodymium  | 150-2 | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 167      | 187      | 207      | 187      | 10.71  | cps   |
| Phosphorus | 31-2  | 108      | 83       | 100      | 97       | 13.09  | cps   |
| Potassium  | 39-2  | 22184    | 22276    | 21917    | 22126    | 0.84   | cps   |
| Rhodium    | 103-1 | 14297257 | 14235839 | 14180749 | 14237948 | 0.41   | cps   |
| Rhodium    | 103-2 | 7260588  | 7219340  | 7236412  | 7238780  | 0.29   | cps   |
| Scandium   | 45-1  | 9227397  | 9289419  | 9295577  | 9270798  | 0.41   | cps   |
| Scandium   | 45-2  | 403609   | 401619   | 405890   | 403706   | 0.53   | cps   |
| Selenium   | 77-2  | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 72       | 61       | 87       | 73       | 17.71  | cps   |
| Selenium   | 82-1  | 41       | -18      | 5        | 9        | 315.51 | cps   |
| Silicon    | 28-1  | 194339   | 192801   | 192025   | 193055   | 0.61   | cps   |
| Silver     | 109-1 | 625      | 867      | 650      | 714      | 18.62  | cps   |
| Silver     | 107-1 | 733      | 775      | 667      | 725      | 7.54   | cps   |
| Sodium     | 23-2  | 20423    | 20356    | 20431    | 20404    | 0.20   | cps   |
| Strontium  | 86-1  | 667      | 633      | 708      | 669      | 5.61   | cps   |
| Strontium  | 88-1  | 367      | 450      | 567      | 461      | 21.79  | cps   |
| Sulfur     | 34-1  | 246557   | 246006   | 244345   | 245636   | 0.47   | cps   |
| Terbium    | 159-1 | 19214099 | 19328833 | 19321458 | 19288130 | 0.33   | cps   |
| Terbium    | 159-2 | 9927904  | 9803094  | 9911151  | 9880716  | 0.69   | cps   |
| Thallium   | 203-1 | 633      | 500      | 592      | 575      | 11.86  | cps   |
| Thallium   | 205-1 | 1267     | 1333     | 1250     | 1283     | 3.44   | cps   |
| Tin        | 118-1 | 1375     | 1442     | 1233     | 1350     | 7.88   | cps   |
| Titanium   | 47-1  | 308      | 233      | 217      | 253      | 19.32  | cps   |
| Uranium    | 238-1 | 308      | 242      | 467      | 339      | 34.10  | cps   |
| Vanadium   | 51-2  | 13       | 37       | 30       | 27       | 45.08  | cps   |
| Yttrium    | 89-1  | 15886267 | 15813705 | 15935454 | 15878476 | 0.39   | cps   |
| Yttrium    | 89-2  | 2309515  | 2302126  | 2324840  | 2312160  | 0.50   | cps   |
| Zinc       | 66-2  | 3731     | 3927     | 3727     | 3795     | 3.02   | cps   |
| Zirconium  | 90-1  | 1767     | 1458     | 1792     | 1672     | 11.10  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB25               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB25               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 13:06:43 | DataFile Name :   | 017CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 350  | 300  | 367  | 339     | 10.24  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P7        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 13:10:14 | DataFile Name :   | 018SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1709     | 1809     | 1734     | 1750     | 2.97   | cps   |
| Antimony   | 121-1 | 22026    | 21509    | 22277    | 21937    | 1.78   | cps   |
| Arsenic    | 75-2  | 324      | 335      | 328      | 329      | 1.72   | cps   |
| Barium     | 135-1 | 23454    | 23471    | 23779    | 23568    | 0.78   | cps   |
| Barium     | 137-1 | 41664    | 40469    | 40853    | 40995    | 1.49   | cps   |
| Beryllium  | 9-1   | 1706     | 1500     | 1739     | 1648     | 7.85   | cps   |
| Bismuth    | 209-1 | 12217864 | 12150275 | 12154800 | 12174313 | 0.31   | cps   |
| Bismuth    | 209-2 | 7391711  | 7346354  | 7345774  | 7361280  | 0.36   | cps   |
| Boron      | 10-1  | 4901     | 5134     | 4559     | 4865     | 5.95   | cps   |
| Boron      | 11-1  | 22150    | 23169    | 24103    | 23141    | 4.22   | cps   |
| Cadmium    | 111-1 | 4635     | 4823     | 4844     | 4767     | 2.41   | cps   |
| Cadmium    | 106-1 | 3676     | 3884     | 3842     | 3801     | 2.90   | cps   |
| Cadmium    | 108-1 | 221      | 138      | 208      | 189      | 23.79  | cps   |
| Calcium    | 43-1  | 13941    | 14057    | 14282    | 14093    | 1.23   | cps   |
| Calcium    | 44-1  | 239992   | 237850   | 236307   | 238049   | 0.78   | cps   |
| Chromium   | 52-2  | 8172     | 7635     | 7816     | 7874     | 3.47   | cps   |
| Cobalt     | 59-2  | 5004     | 5111     | 5181     | 5099     | 1.75   | cps   |
| Copper     | 63-2  | 9013     | 9296     | 9100     | 9136     | 1.59   | cps   |
| Dysprosium | 156-1 | 8        | 8        | 0        | 6        | 86.60  | cps   |
| Dysprosium | 156-2 | 10       | 0        | 3        | 4        | 114.60 | cps   |
| Erbium     | 164-1 | 50       | 83       | 17       | 50       | 66.67  | cps   |
| Erbium     | 164-2 | 50       | 30       | 37       | 39       | 26.18  | cps   |
| Gadolinium | 160-1 | 58       | 75       | 42       | 58       | 28.57  | cps   |
| Gadolinium | 160-2 | 67       | 67       | 97       | 77       | 22.59  | cps   |
| Holmium    | 165-1 | 18454362 | 18428930 | 18492234 | 18458509 | 0.17   | cps   |
| Holmium    | 165-2 | 9808017  | 9660085  | 9698070  | 9722058  | 0.79   | cps   |
| Indium     | 115-1 | 15631401 | 15607581 | 15631729 | 15623570 | 0.09   | cps   |
| Indium     | 115-2 | 3066083  | 3048987  | 3063900  | 3059657  | 0.30   | cps   |
| Iron       | 56-2  | 129151   | 130389   | 130075   | 129872   | 0.50   | cps   |
| Iron       | 57-2  | 3084     | 3534     | 3262     | 3293     | 6.88   | cps   |
| Lead       | 206-1 | 8909     | 8798     | 8742     | 8816     | 0.96   | cps   |
| Lead       | 207-1 | 8275     | 8142     | 8464     | 8294     | 1.95   | cps   |
| Lead       | 208-1 | 36704    | 36882    | 35875    | 36487    | 1.47   | cps   |
| Lithium    | 6-1   | 2750164  | 2764688  | 2748355  | 2754402  | 0.33   | cps   |
| Magnesium  | 24-2  | 98690    | 98262    | 101249   | 99401    | 1.62   | cps   |
| Manganese  | 55-2  | 1910     | 1890     | 1770     | 1857     | 4.08   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P7        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 13:10:14 | DataFile Name :   | 018SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 20716    | 20849    | 21075    | 20880    | 0.87   | cps   |
| Molybdenum | 95-1  | 23904    | 24355    | 24455    | 24238    | 1.21   | cps   |
| Molybdenum | 96-1  | 26834    | 26384    | 27235    | 26818    | 1.59   | cps   |
| Molybdenum | 97-1  | 15392    | 15417    | 14933    | 15248    | 1.79   | cps   |
| Molybdenum | 98-1  | 39890    | 38110    | 39088    | 39029    | 2.28   | cps   |
| Neodymium  | 150-1 | 0        | 0        | 13       | 4        | 173.21 | cps   |
| Neodymium  | 150-2 | 0        | 3        | 7        | 3        | 100.05 | cps   |
| Nickel     | 60-2  | 1550     | 1537     | 1497     | 1528     | 1.82   | cps   |
| Phosphorus | 31-2  | 117      | 100      | 183      | 133      | 33.07  | cps   |
| Potassium  | 39-2  | 117479   | 118159   | 118512   | 118050   | 0.45   | cps   |
| Rhodium    | 103-1 | 14361269 | 14385515 | 14457327 | 14401370 | 0.35   | cps   |
| Rhodium    | 103-2 | 7231670  | 7154706  | 7186219  | 7190865  | 0.54   | cps   |
| Scandium   | 45-1  | 9328492  | 9368479  | 9396527  | 9364499  | 0.37   | cps   |
| Scandium   | 45-2  | 403325   | 404865   | 406408   | 404866   | 0.38   | cps   |
| Selenium   | 77-2  | 30       | 23       | 50       | 34       | 40.30  | cps   |
| Selenium   | 78-2  | 181      | 178      | 165      | 175      | 5.01   | cps   |
| Selenium   | 82-1  | 818      | 793      | 872      | 827      | 4.88   | cps   |
| Silicon    | 28-1  | 270859   | 271317   | 269179   | 270452   | 0.42   | cps   |
| Silver     | 109-1 | 12590    | 12406    | 11889    | 12295    | 2.95   | cps   |
| Silver     | 107-1 | 12948    | 11981    | 12489    | 12473    | 3.88   | cps   |
| Sodium     | 23-2  | 199077   | 201602   | 201618   | 200766   | 0.73   | cps   |
| Strontium  | 86-1  | 3909     | 3676     | 3592     | 3726     | 4.41   | cps   |
| Strontium  | 88-1  | 26976    | 28003    | 27368    | 27449    | 1.89   | cps   |
| Sulfur     | 34-1  | 249676   | 247973   | 249387   | 249012   | 0.37   | cps   |
| Terbium    | 159-1 | 19468195 | 19481949 | 19399388 | 19449844 | 0.23   | cps   |
| Terbium    | 159-2 | 9921819  | 9846331  | 9807283  | 9858477  | 0.59   | cps   |
| Thallium   | 203-1 | 9295     | 9479     | 9170     | 9315     | 1.67   | cps   |
| Thallium   | 205-1 | 22311    | 22520    | 22086    | 22306    | 0.97   | cps   |
| Tin        | 118-1 | 40927    | 40376    | 40484    | 40596    | 0.72   | cps   |
| Titanium   | 47-1  | 6827     | 6718     | 7094     | 6880     | 2.81   | cps   |
| Uranium    | 238-1 | 30529    | 31756    | 30930    | 31071    | 2.01   | cps   |
| Vanadium   | 51-2  | 11638    | 11601    | 11711    | 11650    | 0.48   | cps   |
| Yttrium    | 89-1  | 15922724 | 16070576 | 15994886 | 15996062 | 0.46   | cps   |
| Yttrium    | 89-2  | 2303291  | 2297401  | 2302514  | 2301068  | 0.14   | cps   |
| Zinc       | 66-2  | 4721     | 4834     | 4771     | 4775     | 1.19   | cps   |
| Zirconium  | 90-1  | 19005    | 18596    | 18296    | 18632    | 1.91   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P7        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 13:10:14 | DataFile Name :   | 018SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 4326 | 4393 | 4192 | 4304    | 2.37   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB104030BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB104030BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 13:13:45 | DataFile Name :   | 019SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 142      | 75       | 158      | 125      | 35.28  | cps   |
| Antimony   | 121-1 | 1292     | 1433     | 1492     | 1406     | 7.32   | cps   |
| Arsenic    | 75-2  | 24       | 7        | 19       | 17       | 50.90  | cps   |
| Barium     | 135-1 | 133      | 108      | 142      | 128      | 13.57  | cps   |
| Barium     | 137-1 | 242      | 217      | 233      | 231      | 5.52   | cps   |
| Beryllium  | 9-1   | 100      | 89       | 111      | 100      | 11.11  | cps   |
| Bismuth    | 209-1 | 12105644 | 12110599 | 12069623 | 12095288 | 0.18   | cps   |
| Bismuth    | 209-2 | 7319716  | 7353781  | 7377668  | 7350388  | 0.40   | cps   |
| Boron      | 10-1  | 908      | 742      | 633      | 761      | 18.20  | cps   |
| Boron      | 11-1  | 3459     | 3267     | 3017     | 3248     | 6.82   | cps   |
| Cadmium    | 111-1 | 2563     | 2475     | 2514     | 2517     | 1.75   | cps   |
| Cadmium    | 106-1 | 3634     | 3492     | 3551     | 3559     | 2.00   | cps   |
| Cadmium    | 108-1 | 8        | 4        | 13       | 8        | 49.98  | cps   |
| Calcium    | 43-1  | 333      | 333      | 392      | 353      | 9.55   | cps   |
| Calcium    | 44-1  | 20156    | 20598    | 19756    | 20170    | 2.09   | cps   |
| Chromium   | 52-2  | 1563     | 1707     | 1477     | 1582     | 7.34   | cps   |
| Cobalt     | 59-2  | 150      | 153      | 180      | 161      | 10.20  | cps   |
| Copper     | 63-2  | 1743     | 1730     | 1773     | 1749     | 1.27   | cps   |
| Dysprosium | 156-1 | 25       | 8        | 8        | 14       | 69.31  | cps   |
| Dysprosium | 156-2 | 0        | 7        | 0        | 2        | 173.21 | cps   |
| Erbium     | 164-1 | 75       | 25       | 58       | 53       | 48.24  | cps   |
| Erbium     | 164-2 | 40       | 47       | 27       | 38       | 26.95  | cps   |
| Gadolinium | 160-1 | 117      | 58       | 100      | 92       | 32.77  | cps   |
| Gadolinium | 160-2 | 143      | 73       | 97       | 104      | 34.13  | cps   |
| Holmium    | 165-1 | 18405774 | 18396530 | 18312350 | 18371551 | 0.28   | cps   |
| Holmium    | 165-2 | 9710903  | 9687129  | 9714735  | 9704255  | 0.15   | cps   |
| Indium     | 115-1 | 15584937 | 15552005 | 15543602 | 15560181 | 0.14   | cps   |
| Indium     | 115-2 | 3046959  | 3050719  | 3047039  | 3048239  | 0.07   | cps   |
| Iron       | 56-2  | 8047     | 7530     | 7986     | 7854     | 3.60   | cps   |
| Iron       | 57-2  | 256      | 222      | 250      | 243      | 7.36   | cps   |
| Lead       | 206-1 | 1345     | 1445     | 1367     | 1385     | 3.79   | cps   |
| Lead       | 207-1 | 1222     | 1261     | 1161     | 1215     | 4.15   | cps   |
| Lead       | 208-1 | 5606     | 5628     | 5612     | 5615     | 0.21   | cps   |
| Lithium    | 6-1   | 2763504  | 2744297  | 2731792  | 2746531  | 0.58   | cps   |
| Magnesium  | 24-2  | 950      | 1100     | 1175     | 1075     | 10.66  | cps   |
| Manganese  | 55-2  | 87       | 63       | 57       | 69       | 22.87  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB104030BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB104030BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 13:13:45 | DataFile Name :   | 019SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 917      | 850      | 758      | 842      | 9.45   | cps   |
| Molybdenum | 95-1  | 533      | 592      | 792      | 639      | 21.21  | cps   |
| Molybdenum | 96-1  | 892      | 875      | 758      | 842      | 8.63   | cps   |
| Molybdenum | 97-1  | 383      | 350      | 425      | 386      | 9.73   | cps   |
| Molybdenum | 98-1  | 1008     | 1025     | 933      | 989      | 4.94   | cps   |
| Neodymium  | 150-1 | 0        | 7        | 0        | 2        | 173.21 | cps   |
| Neodymium  | 150-2 | 3        | 7        | 0        | 3        | 100.05 | cps   |
| Nickel     | 60-2  | 153      | 163      | 137      | 151      | 8.92   | cps   |
| Phosphorus | 31-2  | 50       | 75       | 100      | 75       | 33.34  | cps   |
| Potassium  | 39-2  | 21325    | 20573    | 20448    | 20782    | 2.28   | cps   |
| Rhodium    | 103-1 | 14234411 | 14224129 | 14280865 | 14246468 | 0.21   | cps   |
| Rhodium    | 103-2 | 7193083  | 7208906  | 7138098  | 7180029  | 0.52   | cps   |
| Scandium   | 45-1  | 9241648  | 9264998  | 9208775  | 9238474  | 0.31   | cps   |
| Scandium   | 45-2  | 399471   | 401749   | 401550   | 400923   | 0.31   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 81       | 78       | 65       | 75       | 11.71  | cps   |
| Selenium   | 82-1  | -6       | 68       | 23       | 28       | 132.48 | cps   |
| Silicon    | 28-1  | 190810   | 189140   | 188726   | 189559   | 0.58   | cps   |
| Silver     | 109-1 | 225      | 233      | 200      | 219      | 7.91   | cps   |
| Silver     | 107-1 | 283      | 425      | 275      | 328      | 25.72  | cps   |
| Sodium     | 23-2  | 18254    | 18445    | 17661    | 18120    | 2.26   | cps   |
| Strontium  | 86-1  | 608      | 708      | 600      | 639      | 9.44   | cps   |
| Strontium  | 88-1  | 342      | 325      | 375      | 347      | 7.33   | cps   |
| Sulfur     | 34-1  | 250124   | 248258   | 249555   | 249312   | 0.38   | cps   |
| Terbium    | 159-1 | 19250151 | 19392415 | 19226095 | 19289554 | 0.47   | cps   |
| Terbium    | 159-2 | 9825624  | 9871279  | 9739782  | 9812228  | 0.68   | cps   |
| Thallium   | 203-1 | 433      | 367      | 408      | 403      | 8.36   | cps   |
| Thallium   | 205-1 | 892      | 983      | 975      | 950      | 5.34   | cps   |
| Tin        | 118-1 | 1117     | 967      | 1183     | 1089     | 10.19  | cps   |
| Titanium   | 47-1  | 200      | 158      | 167      | 175      | 12.60  | cps   |
| Uranium    | 238-1 | 267      | 242      | 192      | 233      | 16.37  | cps   |
| Vanadium   | 51-2  | 20       | 30       | 23       | 24       | 20.83  | cps   |
| Yttrium    | 89-1  | 15880783 | 15900513 | 15858990 | 15880095 | 0.13   | cps   |
| Yttrium    | 89-2  | 2298175  | 2304496  | 2294497  | 2299056  | 0.22   | cps   |
| Zinc       | 66-2  | 3687     | 3727     | 3724     | 3713     | 0.60   | cps   |
| Zirconium  | 90-1  | 1475     | 1458     | 1325     | 1420     | 5.79   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB104030BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB104030BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 13:13:45 | DataFile Name :   | 019SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 283  | 317  | 233  | 278     | 15.10  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB104030BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB104030BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 13:17:17 | DataFile Name :   | 020SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 100      | 183      | 183      | 156      | 30.93  | cps   |
| Antimony   | 121-1 | 1017     | 842      | 1192     | 1017     | 17.21  | cps   |
| Arsenic    | 75-2  | 13       | 13       | 26       | 17       | 43.33  | cps   |
| Barium     | 135-1 | 292      | 225      | 192      | 236      | 21.57  | cps   |
| Barium     | 137-1 | 375      | 317      | 383      | 358      | 10.14  | cps   |
| Beryllium  | 9-1   | 111      | 144      | 94       | 117      | 21.82  | cps   |
| Bismuth    | 209-1 | 12295029 | 12217214 | 12239020 | 12250421 | 0.33   | cps   |
| Bismuth    | 209-2 | 7401415  | 7434229  | 7401747  | 7412464  | 0.25   | cps   |
| Boron      | 10-1  | 475      | 367      | 467      | 436      | 13.82  | cps   |
| Boron      | 11-1  | 2859     | 2875     | 2642     | 2792     | 4.66   | cps   |
| Cadmium    | 111-1 | 2623     | 2664     | 2600     | 2629     | 1.23   | cps   |
| Cadmium    | 106-1 | 3701     | 3742     | 3626     | 3690     | 1.60   | cps   |
| Cadmium    | 108-1 | 13       | 8        | 13       | 11       | 21.67  | cps   |
| Calcium    | 43-1  | 475      | 450      | 508      | 478      | 6.13   | cps   |
| Calcium    | 44-1  | 23862    | 23136    | 22835    | 23278    | 2.27   | cps   |
| Chromium   | 52-2  | 587      | 677      | 720      | 661      | 10.29  | cps   |
| Cobalt     | 59-2  | 187      | 207      | 220      | 204      | 8.21   | cps   |
| Copper     | 63-2  | 1707     | 1733     | 1697     | 1712     | 1.11   | cps   |
| Dysprosium | 156-1 | 8        | 8        | 0        | 6        | 86.60  | cps   |
| Dysprosium | 156-2 | 0        | 3        | 3        | 2        | 86.60  | cps   |
| Erbium     | 164-1 | 58       | 25       | 58       | 47       | 40.76  | cps   |
| Erbium     | 164-2 | 17       | 23       | 27       | 22       | 22.91  | cps   |
| Gadolinium | 160-1 | 75       | 75       | 92       | 81       | 11.95  | cps   |
| Gadolinium | 160-2 | 100      | 90       | 70       | 87       | 17.63  | cps   |
| Holmium    | 165-1 | 18533387 | 18347927 | 18516594 | 18465969 | 0.56   | cps   |
| Holmium    | 165-2 | 9713773  | 9792814  | 9741209  | 9749265  | 0.41   | cps   |
| Indium     | 115-1 | 15692055 | 15694938 | 15592906 | 15659966 | 0.37   | cps   |
| Indium     | 115-2 | 3055597  | 3048602  | 3049381  | 3051193  | 0.13   | cps   |
| Iron       | 56-2  | 10115    | 9809     | 9959     | 9961     | 1.53   | cps   |
| Iron       | 57-2  | 272      | 233      | 306      | 270      | 13.37  | cps   |
| Lead       | 206-1 | 4044958  | 3964469  | 3987728  | 3999052  | 1.04   | cps   |
| Lead       | 207-1 | 3744085  | 3651849  | 3679454  | 3691796  | 1.28   | cps   |
| Lead       | 208-1 | 16761698 | 16501259 | 16616832 | 16626596 | 0.78   | cps   |
| Lithium    | 6-1   | 2778244  | 2772729  | 2781321  | 2777431  | 0.16   | cps   |
| Magnesium  | 24-2  | 1508     | 1517     | 1684     | 1570     | 6.29   | cps   |
| Manganese  | 55-2  | 123      | 140      | 150      | 138      | 9.77   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB104030BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB104030BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 13:17:17 | DataFile Name :   | 020SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Molybdenum | 94-1  | 917      | 875      | 783      | 858      | 7.95    | cps   |
| Molybdenum | 95-1  | 617      | 558      | 592      | 589      | 4.97    | cps   |
| Molybdenum | 96-1  | 642      | 842      | 708      | 731      | 13.94   | cps   |
| Molybdenum | 97-1  | 383      | 417      | 358      | 386      | 7.58    | cps   |
| Molybdenum | 98-1  | 1025     | 967      | 925      | 972      | 5.17    | cps   |
| Neodymium  | 150-1 | 0        | 0        | 0        | 0        | 0.00    | cps   |
| Neodymium  | 150-2 | 7        | 0        | 0        | 2        | 173.21  | cps   |
| Nickel     | 60-2  | 227      | 253      | 137      | 206      | 29.74   | cps   |
| Phosphorus | 31-2  | 92       | 58       | 67       | 72       | 24.02   | cps   |
| Potassium  | 39-2  | 21141    | 20673    | 21040    | 20952    | 1.17    | cps   |
| Rhodium    | 103-1 | 14369335 | 14492579 | 14361071 | 14407662 | 0.51    | cps   |
| Rhodium    | 103-2 | 7246744  | 7236376  | 7232247  | 7238456  | 0.10    | cps   |
| Scandium   | 45-1  | 9322307  | 9356451  | 9342998  | 9340585  | 0.18    | cps   |
| Scandium   | 45-2  | 403017   | 404407   | 402393   | 403272   | 0.26    | cps   |
| Selenium   | 77-2  | 0        | 0        | 3        | 1        | 173.21  | cps   |
| Selenium   | 78-2  | 80       | 57       | 78       | 72       | 17.22   | cps   |
| Selenium   | 82-1  | 16       | -43      | 31       | 1        | 2744.29 | cps   |
| Silicon    | 28-1  | 189105   | 192967   | 187198   | 189756   | 1.55    | cps   |
| Silver     | 109-1 | 308      | 225      | 150      | 228      | 34.77   | cps   |
| Silver     | 107-1 | 308      | 267      | 258      | 278      | 9.64    | cps   |
| Sodium     | 23-2  | 18562    | 17578    | 18120    | 18087    | 2.73    | cps   |
| Strontium  | 86-1  | 717      | 658      | 567      | 647      | 11.68   | cps   |
| Strontium  | 88-1  | 525      | 567      | 642      | 578      | 10.23   | cps   |
| Sulfur     | 34-1  | 252930   | 253274   | 252929   | 253045   | 0.08    | cps   |
| Terbium    | 159-1 | 19411208 | 19624841 | 19465128 | 19500392 | 0.57    | cps   |
| Terbium    | 159-2 | 9863634  | 9894466  | 9861758  | 9873286  | 0.19    | cps   |
| Thallium   | 203-1 | 433      | 392      | 458      | 428      | 7.87    | cps   |
| Thallium   | 205-1 | 967      | 1033     | 883      | 961      | 7.82    | cps   |
| Tin        | 118-1 | 1233     | 1008     | 1275     | 1172     | 12.24   | cps   |
| Titanium   | 47-1  | 192      | 183      | 242      | 206      | 15.35   | cps   |
| Uranium    | 238-1 | 350      | 458      | 525      | 444      | 19.87   | cps   |
| Vanadium   | 51-2  | 20       | 23       | 30       | 24       | 20.83   | cps   |
| Yttrium    | 89-1  | 16027315 | 16007252 | 16074279 | 16036282 | 0.21    | cps   |
| Yttrium    | 89-2  | 2320968  | 2304554  | 2298842  | 2308121  | 0.50    | cps   |
| Zinc       | 66-2  | 3764     | 4044     | 3867     | 3892     | 3.64    | cps   |
| Zirconium  | 90-1  | 1292     | 1433     | 1350     | 1358     | 5.24    | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB104030BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB104030BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 13:17:17 | DataFile Name :   | 020SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 317  | 258  | 233  | 269     | 15.87  | cps   |

LB Number : LB91543 Operator : Jaswal  
 Lab Sample ID : I6356-01 Instrumnet Name : P7  
 Client Sample ID : KAJT-01-BS-BRG-W3-F1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-11-10 13:20:48 DataFile Name : 021SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 16543    | 16326    | 16143    | 16337    | 1.23   | cps   |
| Antimony   | 121-1 | 1650     | 1934     | 1892     | 1825     | 8.38   | cps   |
| Arsenic    | 75-2  | 154      | 148      | 122      | 141      | 11.89  | cps   |
| Barium     | 135-1 | 40594    | 39683    | 39457    | 39911    | 1.51   | cps   |
| Barium     | 137-1 | 71049    | 70018    | 70513    | 70527    | 0.73   | cps   |
| Beryllium  | 9-1   | 50       | 67       | 117      | 78       | 44.61  | cps   |
| Bismuth    | 209-1 | 13187385 | 13078334 | 12943556 | 13069758 | 0.93   | cps   |
| Bismuth    | 209-2 | 7782634  | 7776380  | 7709914  | 7756309  | 0.52   | cps   |
| Boron      | 10-1  | 1383     | 1250     | 1150     | 1261     | 9.28   | cps   |
| Boron      | 11-1  | 6710     | 6468     | 7252     | 6810     | 5.89   | cps   |
| Cadmium    | 111-1 | 3061     | 2668     | 2771     | 2833     | 7.19   | cps   |
| Cadmium    | 106-1 | 4293     | 3717     | 3884     | 3965     | 7.46   | cps   |
| Cadmium    | 108-1 | 33       | 25       | 21       | 26       | 24.12  | cps   |
| Calcium    | 43-1  | 191540   | 191380   | 189017   | 190646   | 0.74   | cps   |
| Calcium    | 44-1  | 3132875  | 3102754  | 3100962  | 3112197  | 0.58   | cps   |
| Chromium   | 52-2  | 1377     | 1563     | 1547     | 1496     | 6.91   | cps   |
| Cobalt     | 59-2  | 910      | 883      | 1010     | 934      | 7.15   | cps   |
| Copper     | 63-2  | 600501   | 598038   | 600015   | 599518   | 0.22   | cps   |
| Dysprosium | 156-1 | 925      | 992      | 1133     | 1017     | 10.47  | cps   |
| Dysprosium | 156-2 | 523      | 540      | 613      | 559      | 8.57   | cps   |
| Erbium     | 164-1 | 217      | 167      | 292      | 225      | 27.97  | cps   |
| Erbium     | 164-2 | 77       | 90       | 110      | 92       | 18.19  | cps   |
| Gadolinium | 160-1 | 933      | 1192     | 992      | 1039     | 13.04  | cps   |
| Gadolinium | 160-2 | 720      | 743      | 760      | 741      | 2.71   | cps   |
| Holmium    | 165-1 | 19890997 | 19726719 | 19595538 | 19737751 | 0.75   | cps   |
| Holmium    | 165-2 | 10230925 | 10244845 | 10190688 | 10222153 | 0.28   | cps   |
| Indium     | 115-1 | 16903542 | 16828191 | 16736372 | 16822702 | 0.50   | cps   |
| Indium     | 115-2 | 3212375  | 3206421  | 3208888  | 3209228  | 0.09   | cps   |
| Iron       | 56-2  | 117439   | 118363   | 117930   | 117911   | 0.39   | cps   |
| Iron       | 57-2  | 3162     | 3289     | 3306     | 3252     | 2.43   | cps   |
| Lead       | 206-1 | 26905    | 26249    | 26327    | 26494    | 1.35   | cps   |
| Lead       | 207-1 | 23371    | 23404    | 22709    | 23161    | 1.69   | cps   |
| Lead       | 208-1 | 106094   | 105375   | 104742   | 105404   | 0.64   | cps   |
| Lithium    | 6-1   | 3017252  | 3000458  | 2988741  | 3002150  | 0.48   | cps   |
| Magnesium  | 24-2  | 270853   | 271465   | 268672   | 270330   | 0.54   | cps   |
| Manganese  | 55-2  | 30281    | 30776    | 30455    | 30504    | 0.82   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-01             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-01-BS-BRG-W3-F1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 13:20:48  | DataFile Name :   | 021SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 2442     | 2442     | 2384     | 2423     | 1.39   | cps   |
| Molybdenum | 95-1  | 642      | 517      | 733      | 631      | 17.25  | cps   |
| Molybdenum | 96-1  | 1025     | 917      | 992      | 978      | 5.67   | cps   |
| Molybdenum | 97-1  | 433      | 242      | 350      | 342      | 28.13  | cps   |
| Molybdenum | 98-1  | 975      | 1108     | 1117     | 1067     | 7.45   | cps   |
| Neodymium  | 150-1 | 1107     | 1140     | 1113     | 1120     | 1.57   | cps   |
| Neodymium  | 150-2 | 453      | 500      | 513      | 489      | 6.44   | cps   |
| Nickel     | 60-2  | 2537     | 2550     | 2454     | 2514     | 2.08   | cps   |
| Phosphorus | 31-2  | 3476     | 3259     | 3301     | 3345     | 3.44   | cps   |
| Potassium  | 39-2  | 132739   | 131470   | 130822   | 131677   | 0.74   | cps   |
| Rhodium    | 103-1 | 15452777 | 15222042 | 15242216 | 15305679 | 0.83   | cps   |
| Rhodium    | 103-2 | 7624258  | 7583216  | 7554988  | 7587488  | 0.46   | cps   |
| Scandium   | 45-1  | 10153374 | 10032160 | 10019176 | 10068237 | 0.74   | cps   |
| Scandium   | 45-2  | 429474   | 425971   | 426933   | 427459   | 0.42   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 56       | 57       | 56       | 56       | 1.90   | cps   |
| Selenium   | 82-1  | -19      | 54       | 37       | 24       | 158.47 | cps   |
| Silicon    | 28-1  | 5668692  | 5637639  | 5649574  | 5651968  | 0.28   | cps   |
| Silver     | 109-1 | 375      | 375      | 383      | 378      | 1.27   | cps   |
| Silver     | 107-1 | 350      | 433      | 442      | 408      | 12.41  | cps   |
| Sodium     | 23-2  | 3955564  | 3962446  | 3982431  | 3966814  | 0.35   | cps   |
| Strontium  | 86-1  | 69368    | 68699    | 67995    | 68687    | 1.00   | cps   |
| Strontium  | 88-1  | 603227   | 586274   | 583896   | 591132   | 1.78   | cps   |
| Sulfur     | 34-1  | 311254   | 307626   | 302853   | 307244   | 1.37   | cps   |
| Terbium    | 159-1 | 21098928 | 20877642 | 20602506 | 20859692 | 1.19   | cps   |
| Terbium    | 159-2 | 10388585 | 10423082 | 10355802 | 10389156 | 0.32   | cps   |
| Thallium   | 203-1 | 400      | 292      | 342      | 344      | 15.74  | cps   |
| Thallium   | 205-1 | 750      | 867      | 825      | 814      | 7.26   | cps   |
| Tin        | 118-1 | 4226     | 4101     | 3676     | 4001     | 7.21   | cps   |
| Titanium   | 47-1  | 692      | 967      | 875      | 845      | 16.59  | cps   |
| Uranium    | 238-1 | 767      | 742      | 717      | 742      | 3.37   | cps   |
| Vanadium   | 51-2  | 137      | 183      | 160      | 160      | 14.58  | cps   |
| Yttrium    | 89-1  | 17374594 | 17074548 | 17083181 | 17177441 | 0.99   | cps   |
| Yttrium    | 89-2  | 2432384  | 2442229  | 2439417  | 2438010  | 0.21   | cps   |
| Zinc       | 66-2  | 41435    | 41730    | 41746    | 41637    | 0.42   | cps   |
| Zirconium  | 90-1  | 6635     | 5701     | 4968     | 5768     | 14.49  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-01             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-01-BS-BRG-W3-F1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 13:20:48  | DataFile Name :   | 021SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 1258 | 992  | 1042 | 1097    | 12.92  | cps   |

LB Number : LB91543 Operator : Jaswal  
 Lab Sample ID : I6356-02 Instrumnet Name : P7  
 Client Sample ID : KAJT-02-BS-BRG-W3-F1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-11-10 13:24:20 DataFile Name : 022SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1434     | 1375     | 1400     | 1403     | 2.09   | cps   |
| Antimony   | 121-1 | 2025     | 1834     | 1633     | 1831     | 10.70  | cps   |
| Arsenic    | 75-2  | 144      | 170      | 163      | 159      | 8.38   | cps   |
| Barium     | 135-1 | 40226    | 39574    | 38320    | 39373    | 2.46   | cps   |
| Barium     | 137-1 | 68394    | 68009    | 68486    | 68296    | 0.37   | cps   |
| Beryllium  | 9-1   | 61       | 94       | 139      | 98       | 39.76  | cps   |
| Bismuth    | 209-1 | 12781786 | 12728456 | 12772240 | 12760828 | 0.22   | cps   |
| Bismuth    | 209-2 | 7610236  | 7592463  | 7525048  | 7575916  | 0.59   | cps   |
| Boron      | 10-1  | 1450     | 1542     | 1492     | 1495     | 3.07   | cps   |
| Boron      | 11-1  | 7519     | 8177     | 7469     | 7722     | 5.12   | cps   |
| Cadmium    | 111-1 | 2597     | 2787     | 2378     | 2587     | 7.92   | cps   |
| Cadmium    | 106-1 | 3667     | 3901     | 3301     | 3623     | 8.35   | cps   |
| Cadmium    | 108-1 | 29       | 8        | 17       | 18       | 58.09  | cps   |
| Calcium    | 43-1  | 184698   | 181837   | 183270   | 183269   | 0.78   | cps   |
| Calcium    | 44-1  | 3000236  | 2977991  | 2963562  | 2980596  | 0.62   | cps   |
| Chromium   | 52-2  | 1777     | 1613     | 1623     | 1671     | 5.48   | cps   |
| Cobalt     | 59-2  | 317      | 317      | 323      | 319      | 1.21   | cps   |
| Copper     | 63-2  | 432455   | 431438   | 431016   | 431636   | 0.17   | cps   |
| Dysprosium | 156-1 | 75       | 75       | 67       | 72       | 6.66   | cps   |
| Dysprosium | 156-2 | 20       | 30       | 33       | 28       | 24.98  | cps   |
| Erbium     | 164-1 | 108      | 133      | 100      | 114      | 15.23  | cps   |
| Erbium     | 164-2 | 67       | 50       | 47       | 54       | 19.68  | cps   |
| Gadolinium | 160-1 | 125      | 92       | 83       | 100      | 22.05  | cps   |
| Gadolinium | 160-2 | 113      | 120      | 107      | 113      | 5.88   | cps   |
| Holmium    | 165-1 | 19431101 | 19354417 | 19241690 | 19342403 | 0.49   | cps   |
| Holmium    | 165-2 | 10126193 | 10031443 | 9940292  | 10032643 | 0.93   | cps   |
| Indium     | 115-1 | 16608709 | 16358753 | 16305030 | 16424164 | 0.99   | cps   |
| Indium     | 115-2 | 3127934  | 3150923  | 3158003  | 3145620  | 0.50   | cps   |
| Iron       | 56-2  | 617796   | 621213   | 617964   | 618991   | 0.31   | cps   |
| Iron       | 57-2  | 15119    | 15970    | 15180    | 15423    | 3.08   | cps   |
| Lead       | 206-1 | 19865    | 19915    | 20249    | 20010    | 1.04   | cps   |
| Lead       | 207-1 | 17651    | 17250    | 17245    | 17382    | 1.34   | cps   |
| Lead       | 208-1 | 79283    | 79484    | 78765    | 79177    | 0.47   | cps   |
| Lithium    | 6-1   | 2956987  | 2901935  | 2907309  | 2922077  | 1.04   | cps   |
| Magnesium  | 24-2  | 260153   | 262092   | 260630   | 260958   | 0.39   | cps   |
| Manganese  | 55-2  | 34049    | 33806    | 33836    | 33897    | 0.39   | cps   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-02             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-02-BS-BRG-W3-F1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 13:24:20  | DataFile Name :   | 022SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1684     | 1692     | 1592     | 1656     | 3.35   | cps   |
| Molybdenum | 95-1  | 608      | 592      | 600      | 600      | 1.39   | cps   |
| Molybdenum | 96-1  | 1008     | 850      | 733      | 864      | 15.98  | cps   |
| Molybdenum | 97-1  | 392      | 358      | 375      | 375      | 4.45   | cps   |
| Molybdenum | 98-1  | 983      | 950      | 858      | 931      | 6.96   | cps   |
| Neodymium  | 150-1 | 13       | 20       | 53       | 29       | 74.20  | cps   |
| Neodymium  | 150-2 | 20       | 17       | 13       | 17       | 20.01  | cps   |
| Nickel     | 60-2  | 843      | 930      | 790      | 854      | 8.27   | cps   |
| Phosphorus | 31-2  | 3100     | 3326     | 3242     | 3223     | 3.53   | cps   |
| Potassium  | 39-2  | 133303   | 133546   | 134277   | 133709   | 0.38   | cps   |
| Rhodium    | 103-1 | 15132266 | 14971991 | 14952526 | 15018928 | 0.66   | cps   |
| Rhodium    | 103-2 | 7425713  | 7397805  | 7405572  | 7409697  | 0.19   | cps   |
| Scandium   | 45-1  | 9863554  | 9763513  | 9707347  | 9778138  | 0.81   | cps   |
| Scandium   | 45-2  | 416228   | 417593   | 418554   | 417458   | 0.28   | cps   |
| Selenium   | 77-2  | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 56       | 78       | 63       | 65       | 17.29  | cps   |
| Selenium   | 82-1  | 9        | 52       | -16      | 15       | 230.55 | cps   |
| Silicon    | 28-1  | 5552735  | 5482661  | 5478361  | 5504586  | 0.76   | cps   |
| Silver     | 109-1 | 842      | 767      | 717      | 775      | 8.12   | cps   |
| Silver     | 107-1 | 733      | 950      | 658      | 781      | 19.40  | cps   |
| Sodium     | 23-2  | 3908781  | 3930662  | 3907663  | 3915702  | 0.33   | cps   |
| Strontium  | 86-1  | 65810    | 66681    | 65232    | 65908    | 1.11   | cps   |
| Strontium  | 88-1  | 581165   | 571519   | 570679   | 574454   | 1.01   | cps   |
| Sulfur     | 34-1  | 308448   | 308272   | 307035   | 307918   | 0.25   | cps   |
| Terbium    | 159-1 | 20612121 | 20357291 | 20231423 | 20400279 | 0.95   | cps   |
| Terbium    | 159-2 | 10223208 | 10130874 | 10106354 | 10153478 | 0.61   | cps   |
| Thallium   | 203-1 | 333      | 225      | 217      | 258      | 25.19  | cps   |
| Thallium   | 205-1 | 600      | 717      | 692      | 669      | 9.18   | cps   |
| Tin        | 118-1 | 17754    | 17996    | 18037    | 17929    | 0.85   | cps   |
| Titanium   | 47-1  | 6115     | 15009    | 13670    | 11598    | 41.35  | cps   |
| Uranium    | 238-1 | 700      | 700      | 633      | 678      | 5.68   | cps   |
| Vanadium   | 51-2  | 130      | 170      | 153      | 151      | 13.30  | cps   |
| Yttrium    | 89-1  | 16888369 | 16857558 | 16765469 | 16837132 | 0.38   | cps   |
| Yttrium    | 89-2  | 2388736  | 2394541  | 2373633  | 2385637  | 0.45   | cps   |
| Zinc       | 66-2  | 15936    | 16139    | 16173    | 16082    | 0.80   | cps   |
| Zirconium  | 90-1  | 3334     | 3326     | 3501     | 3387     | 2.92   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-02             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-02-BS-BRG-W3-F1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 13:24:20  | DataFile Name :   | 022SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 708  | 675  | 633  | 672     | 5.59   | cps   |

LB Number : LB91543 Operator : Jaswal  
 Lab Sample ID : I6356-03 Instrumnet Name : P7  
 Client Sample ID : KAJT-03-BS-BRG-W3-F1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-11-10 13:27:52 DataFile Name : 023SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1651     | 1225     | 1200     | 1359     | 18.64  | cps   |
| Antimony   | 121-1 | 1233     | 1208     | 1300     | 1247     | 3.80   | cps   |
| Arsenic    | 75-2  | 146      | 159      | 143      | 149      | 5.86   | cps   |
| Barium     | 135-1 | 39591    | 39374    | 38872    | 39279    | 0.94   | cps   |
| Barium     | 137-1 | 68260    | 67196    | 67816    | 67758    | 0.79   | cps   |
| Beryllium  | 9-1   | 39       | 78       | 89       | 69       | 38.32  | cps   |
| Bismuth    | 209-1 | 12871648 | 12902474 | 12803295 | 12859139 | 0.39   | cps   |
| Bismuth    | 209-2 | 7693358  | 7678517  | 7650576  | 7674150  | 0.28   | cps   |
| Boron      | 10-1  | 1200     | 1275     | 1192     | 1222     | 3.76   | cps   |
| Boron      | 11-1  | 6076     | 5893     | 6210     | 6060     | 2.62   | cps   |
| Cadmium    | 111-1 | 2894     | 2704     | 2758     | 2785     | 3.52   | cps   |
| Cadmium    | 106-1 | 4084     | 3784     | 3901     | 3923     | 3.86   | cps   |
| Cadmium    | 108-1 | 21       | 4        | 21       | 15       | 62.96  | cps   |
| Calcium    | 43-1  | 189717   | 188038   | 190402   | 189385   | 0.64   | cps   |
| Calcium    | 44-1  | 3120319  | 3057871  | 3062817  | 3080336  | 1.13   | cps   |
| Chromium   | 52-2  | 1263     | 1313     | 1253     | 1277     | 2.52   | cps   |
| Cobalt     | 59-2  | 233      | 247      | 247      | 242      | 3.18   | cps   |
| Copper     | 63-2  | 412738   | 412803   | 413195   | 412912   | 0.06   | cps   |
| Dysprosium | 156-1 | 17       | 58       | 75       | 50       | 60.09  | cps   |
| Dysprosium | 156-2 | 37       | 20       | 17       | 24       | 43.83  | cps   |
| Erbium     | 164-1 | 75       | 100      | 58       | 78       | 26.96  | cps   |
| Erbium     | 164-2 | 53       | 63       | 37       | 51       | 26.35  | cps   |
| Gadolinium | 160-1 | 150      | 150      | 67       | 122      | 39.37  | cps   |
| Gadolinium | 160-2 | 133      | 87       | 83       | 101      | 27.65  | cps   |
| Holmium    | 165-1 | 19585998 | 19476006 | 19453470 | 19505158 | 0.36   | cps   |
| Holmium    | 165-2 | 10134059 | 10088455 | 10093944 | 10105486 | 0.25   | cps   |
| Indium     | 115-1 | 16596239 | 16661553 | 16499098 | 16585630 | 0.49   | cps   |
| Indium     | 115-2 | 3191402  | 3188108  | 3191040  | 3190183  | 0.06   | cps   |
| Iron       | 56-2  | 71976    | 71267    | 71692    | 71645    | 0.50   | cps   |
| Iron       | 57-2  | 2050     | 2100     | 2011     | 2054     | 2.17   | cps   |
| Lead       | 206-1 | 13046    | 13646    | 13046    | 13246    | 2.62   | cps   |
| Lead       | 207-1 | 11811    | 11789    | 11683    | 11761    | 0.58   | cps   |
| Lead       | 208-1 | 52419    | 53855    | 52174    | 52816    | 1.72   | cps   |
| Lithium    | 6-1   | 2981563  | 2958694  | 2930322  | 2956860  | 0.87   | cps   |
| Magnesium  | 24-2  | 266376   | 266798   | 264713   | 265963   | 0.41   | cps   |
| Manganese  | 55-2  | 27803    | 28084    | 28010    | 27966    | 0.52   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-03             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-03-BS-BRG-W3-F1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 13:27:52  | DataFile Name :   | 023SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1267     | 1283     | 1125     | 1225     | 7.10   | cps   |
| Molybdenum | 95-1  | 525      | 617      | 625      | 589      | 9.42   | cps   |
| Molybdenum | 96-1  | 900      | 792      | 850      | 847      | 6.40   | cps   |
| Molybdenum | 97-1  | 317      | 292      | 367      | 325      | 11.75  | cps   |
| Molybdenum | 98-1  | 808      | 833      | 842      | 828      | 2.10   | cps   |
| Neodymium  | 150-1 | 40       | 47       | 40       | 42       | 9.12   | cps   |
| Neodymium  | 150-2 | 20       | 10       | 13       | 14       | 35.26  | cps   |
| Nickel     | 60-2  | 673      | 687      | 620      | 660      | 5.34   | cps   |
| Phosphorus | 31-2  | 3167     | 3217     | 3225     | 3203     | 0.99   | cps   |
| Potassium  | 39-2  | 131554   | 129183   | 130915   | 130550   | 0.94   | cps   |
| Rhodium    | 103-1 | 15332562 | 15250430 | 15129451 | 15237481 | 0.67   | cps   |
| Rhodium    | 103-2 | 7500643  | 7500303  | 7453878  | 7484941  | 0.36   | cps   |
| Scandium   | 45-1  | 10019919 | 9910614  | 9914930  | 9948488  | 0.62   | cps   |
| Scandium   | 45-2  | 423812   | 422158   | 422794   | 422921   | 0.20   | cps   |
| Selenium   | 77-2  | 3        | 3        | 0        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 61       | 72       | 67       | 67       | 8.33   | cps   |
| Selenium   | 82-1  | 131      | -31      | -24      | 25       | 365.45 | cps   |
| Silicon    | 28-1  | 5568143  | 5485931  | 5447055  | 5500376  | 1.12   | cps   |
| Silver     | 109-1 | 583      | 625      | 600      | 603      | 3.48   | cps   |
| Silver     | 107-1 | 767      | 658      | 833      | 753      | 11.73  | cps   |
| Sodium     | 23-2  | 3957997  | 3943599  | 3947634  | 3949743  | 0.19   | cps   |
| Strontium  | 86-1  | 69075    | 68749    | 68213    | 68679    | 0.63   | cps   |
| Strontium  | 88-1  | 597854   | 588094   | 584705   | 590218   | 1.16   | cps   |
| Sulfur     | 34-1  | 309945   | 311039   | 306338   | 309107   | 0.80   | cps   |
| Terbium    | 159-1 | 20660811 | 20620948 | 20645012 | 20642257 | 0.10   | cps   |
| Terbium    | 159-2 | 10249243 | 10319172 | 10307807 | 10292074 | 0.36   | cps   |
| Thallium   | 203-1 | 217      | 300      | 433      | 317      | 34.51  | cps   |
| Thallium   | 205-1 | 592      | 692      | 617      | 633      | 8.22   | cps   |
| Tin        | 118-1 | 1508     | 1500     | 1242     | 1417     | 10.70  | cps   |
| Titanium   | 47-1  | 2525     | 717      | 625      | 1289     | 83.13  | cps   |
| Uranium    | 238-1 | 642      | 642      | 625      | 636      | 1.51   | cps   |
| Vanadium   | 51-2  | 157      | 147      | 160      | 154      | 4.49   | cps   |
| Yttrium    | 89-1  | 17122096 | 17058030 | 16909352 | 17029826 | 0.64   | cps   |
| Yttrium    | 89-2  | 2409076  | 2416385  | 2408135  | 2411199  | 0.19   | cps   |
| Zinc       | 66-2  | 11401    | 11538    | 11598    | 11512    | 0.88   | cps   |
| Zirconium  | 90-1  | 2559     | 2659     | 2417     | 2545     | 4.77   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-03             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-03-BS-BRG-W3-F1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 13:27:52  | DataFile Name :   | 023SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 633  | 458  | 467  | 519     | 19.01  | cps   |

LB Number : LB91543 Operator : Jaswal  
 Lab Sample ID : I6356-04 Instrumnet Name : P7  
 Client Sample ID : KAJT-04-FL1-BRG-W1-F Dilution Factor : 1  
 Date & Time Acquired :: 2017-11-10 13:31:24 DataFile Name : 024SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 642      | 692      | 600      | 645      | 7.12   | cps   |
| Antimony   | 121-1 | 1584     | 1392     | 1600     | 1525     | 7.59   | cps   |
| Arsenic    | 75-2  | 181      | 185      | 183      | 183      | 1.01   | cps   |
| Barium     | 135-1 | 40176    | 40376    | 39582    | 40045    | 1.03   | cps   |
| Barium     | 137-1 | 68972    | 68092    | 68913    | 68659    | 0.72   | cps   |
| Beryllium  | 9-1   | 72       | 100      | 83       | 85       | 16.41  | cps   |
| Bismuth    | 209-1 | 12814653 | 12912136 | 12762670 | 12829820 | 0.59   | cps   |
| Bismuth    | 209-2 | 7628266  | 7637639  | 7671709  | 7645871  | 0.30   | cps   |
| Boron      | 10-1  | 1217     | 1217     | 1225     | 1220     | 0.39   | cps   |
| Boron      | 11-1  | 6068     | 6068     | 5693     | 5943     | 3.64   | cps   |
| Cadmium    | 111-1 | 2786     | 2670     | 2645     | 2700     | 2.78   | cps   |
| Cadmium    | 106-1 | 3667     | 3567     | 3551     | 3595     | 1.76   | cps   |
| Cadmium    | 108-1 | 21       | 33       | 33       | 29       | 24.75  | cps   |
| Calcium    | 43-1  | 190780   | 189752   | 186360   | 188964   | 1.22   | cps   |
| Calcium    | 44-1  | 3111435  | 3084646  | 3069019  | 3088367  | 0.69   | cps   |
| Chromium   | 52-2  | 1407     | 1567     | 1473     | 1482     | 5.42   | cps   |
| Cobalt     | 59-2  | 220      | 237      | 227      | 228      | 3.68   | cps   |
| Copper     | 63-2  | 610249   | 607018   | 611825   | 609697   | 0.40   | cps   |
| Dysprosium | 156-1 | 58       | 42       | 42       | 47       | 20.38  | cps   |
| Dysprosium | 156-2 | 17       | 10       | 20       | 16       | 32.73  | cps   |
| Erbium     | 164-1 | 108      | 75       | 50       | 78       | 37.63  | cps   |
| Erbium     | 164-2 | 53       | 23       | 27       | 34       | 47.73  | cps   |
| Gadolinium | 160-1 | 158      | 142      | 150      | 150      | 5.56   | cps   |
| Gadolinium | 160-2 | 73       | 113      | 120      | 102      | 24.69  | cps   |
| Holmium    | 165-1 | 19502197 | 19532932 | 19284228 | 19439786 | 0.70   | cps   |
| Holmium    | 165-2 | 10030956 | 10058121 | 10167401 | 10085493 | 0.72   | cps   |
| Indium     | 115-1 | 16510028 | 16536891 | 16431374 | 16492765 | 0.33   | cps   |
| Indium     | 115-2 | 3148642  | 3171050  | 3187648  | 3169113  | 0.62   | cps   |
| Iron       | 56-2  | 63521    | 62355    | 64043    | 63306    | 1.37   | cps   |
| Iron       | 57-2  | 1889     | 1884     | 1795     | 1856     | 2.86   | cps   |
| Lead       | 206-1 | 40195    | 39710    | 39726    | 39877    | 0.69   | cps   |
| Lead       | 207-1 | 33649    | 34290    | 33565    | 33834    | 1.17   | cps   |
| Lead       | 208-1 | 157238   | 157221   | 155378   | 156612   | 0.68   | cps   |
| Lithium    | 6-1   | 2985438  | 2933536  | 2918610  | 2945861  | 1.19   | cps   |
| Magnesium  | 24-2  | 268490   | 267080   | 267165   | 267578   | 0.30   | cps   |
| Manganese  | 55-2  | 21886    | 22000    | 22324    | 22070    | 1.03   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-04             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-04-FL1-BRG-W1-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 13:31:24  | DataFile Name :   | 024SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1167     | 883      | 1008     | 1020     | 13.93  | cps   |
| Molybdenum | 95-1  | 425      | 383      | 558      | 456      | 20.07  | cps   |
| Molybdenum | 96-1  | 708      | 675      | 700      | 694      | 2.50   | cps   |
| Molybdenum | 97-1  | 333      | 292      | 300      | 308      | 7.15   | cps   |
| Molybdenum | 98-1  | 658      | 692      | 900      | 750      | 17.46  | cps   |
| Neodymium  | 150-1 | 53       | 33       | 40       | 42       | 24.13  | cps   |
| Neodymium  | 150-2 | 10       | 10       | 33       | 18       | 75.77  | cps   |
| Nickel     | 60-2  | 797      | 840      | 823      | 820      | 2.67   | cps   |
| Phosphorus | 31-2  | 3192     | 3192     | 3225     | 3203     | 0.60   | cps   |
| Potassium  | 39-2  | 131872   | 132085   | 131303   | 131753   | 0.31   | cps   |
| Rhodium    | 103-1 | 15167365 | 15090334 | 14917952 | 15058550 | 0.85   | cps   |
| Rhodium    | 103-2 | 7443879  | 7483939  | 7480603  | 7469474  | 0.30   | cps   |
| Scandium   | 45-1  | 9959386  | 9903319  | 9877137  | 9913281  | 0.42   | cps   |
| Scandium   | 45-2  | 422828   | 418590   | 423044   | 421487   | 0.60   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 65       | 59       | 61       | 62       | 4.59   | cps   |
| Selenium   | 82-1  | 16       | 58       | 43       | 39       | 54.97  | cps   |
| Silicon    | 28-1  | 5633206  | 5643475  | 5538918  | 5605199  | 1.03   | cps   |
| Silver     | 109-1 | 175      | 208      | 150      | 178      | 16.46  | cps   |
| Silver     | 107-1 | 358      | 167      | 217      | 247      | 40.22  | cps   |
| Sodium     | 23-2  | 3997811  | 3956330  | 3985305  | 3979815  | 0.53   | cps   |
| Strontium  | 86-1  | 70490    | 67576    | 67317    | 68461    | 2.57   | cps   |
| Strontium  | 88-1  | 594795   | 587646   | 582205   | 588215   | 1.07   | cps   |
| Sulfur     | 34-1  | 310913   | 312745   | 313084   | 312247   | 0.37   | cps   |
| Terbium    | 159-1 | 20490312 | 20581835 | 20421151 | 20497766 | 0.39   | cps   |
| Terbium    | 159-2 | 10168837 | 10241702 | 10295120 | 10235220 | 0.62   | cps   |
| Thallium   | 203-1 | 325      | 317      | 325      | 322      | 1.49   | cps   |
| Thallium   | 205-1 | 567      | 567      | 833      | 656      | 23.49  | cps   |
| Tin        | 118-1 | 1008     | 1058     | 867      | 978      | 10.17  | cps   |
| Titanium   | 47-1  | 592      | 675      | 750      | 672      | 11.78  | cps   |
| Uranium    | 238-1 | 575      | 483      | 567      | 542      | 9.36   | cps   |
| Vanadium   | 51-2  | 127      | 163      | 160      | 150      | 13.52  | cps   |
| Yttrium    | 89-1  | 17092285 | 16974474 | 16737372 | 16934710 | 1.07   | cps   |
| Yttrium    | 89-2  | 2395049  | 2391036  | 2409317  | 2398467  | 0.40   | cps   |
| Zinc       | 66-2  | 26778    | 27092    | 26895    | 26922    | 0.59   | cps   |
| Zirconium  | 90-1  | 2225     | 2509     | 2275     | 2336     | 6.47   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-04             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-04-FL1-BRG-W1-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 13:31:24  | DataFile Name :   | 024SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 533  | 525  | 550  | 536     | 2.37   | cps   |



LB Number : LB91543 Operator : Jaswal  
 Lab Sample ID : I6356-05 Instrumnet Name : P7  
 Client Sample ID : KAJT-05-FL1-BRG-W1-F Dilution Factor : 1  
 Date & Time Acquired :: 2017-11-10 13:34:56 DataFile Name : 025SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 600      | 875      | 625      | 700      | 21.73  | cps   |
| Antimony   | 121-1 | 1158     | 983      | 942      | 1028     | 11.19  | cps   |
| Arsenic    | 75-2  | 150      | 144      | 131      | 142      | 6.69   | cps   |
| Barium     | 135-1 | 37418    | 38387    | 37092    | 37633    | 1.79   | cps   |
| Barium     | 137-1 | 67331    | 67306    | 65514    | 66717    | 1.56   | cps   |
| Beryllium  | 9-1   | 72       | 106      | 44       | 74       | 41.30  | cps   |
| Bismuth    | 209-1 | 12948251 | 12736692 | 12624877 | 12769940 | 1.29   | cps   |
| Bismuth    | 209-2 | 7675367  | 7579845  | 7554161  | 7603124  | 0.84   | cps   |
| Boron      | 10-1  | 1100     | 1067     | 1275     | 1147     | 9.76   | cps   |
| Boron      | 11-1  | 5576     | 5885     | 5826     | 5762     | 2.84   | cps   |
| Cadmium    | 111-1 | 2971     | 2819     | 2894     | 2895     | 2.64   | cps   |
| Cadmium    | 106-1 | 3717     | 3426     | 3492     | 3545     | 4.31   | cps   |
| Cadmium    | 108-1 | 50       | 42       | 25       | 39       | 32.73  | cps   |
| Calcium    | 43-1  | 189346   | 187060   | 185222   | 187209   | 1.10   | cps   |
| Calcium    | 44-1  | 3049214  | 3031396  | 3018280  | 3032964  | 0.51   | cps   |
| Chromium   | 52-2  | 1303     | 1530     | 1563     | 1466     | 9.65   | cps   |
| Cobalt     | 59-2  | 160      | 197      | 197      | 184      | 11.48  | cps   |
| Copper     | 63-2  | 348491   | 350891   | 348421   | 349268   | 0.40   | cps   |
| Dysprosium | 156-1 | 50       | 42       | 50       | 47       | 10.18  | cps   |
| Dysprosium | 156-2 | 20       | 27       | 10       | 19       | 44.42  | cps   |
| Erbium     | 164-1 | 92       | 125      | 100      | 106      | 16.44  | cps   |
| Erbium     | 164-2 | 50       | 77       | 43       | 57       | 31.13  | cps   |
| Gadolinium | 160-1 | 133      | 108      | 83       | 108      | 23.08  | cps   |
| Gadolinium | 160-2 | 90       | 107      | 113      | 103      | 11.63  | cps   |
| Holmium    | 165-1 | 19462466 | 19320933 | 19183721 | 19322373 | 0.72   | cps   |
| Holmium    | 165-2 | 10122890 | 10035013 | 10020611 | 10059505 | 0.55   | cps   |
| Indium     | 115-1 | 16652635 | 16407904 | 16297355 | 16452631 | 1.11   | cps   |
| Indium     | 115-2 | 3178775  | 3156428  | 3154221  | 3163141  | 0.43   | cps   |
| Iron       | 56-2  | 75866    | 79230    | 68473    | 74523    | 7.38   | cps   |
| Iron       | 57-2  | 1984     | 1872     | 1989     | 1948     | 3.38   | cps   |
| Lead       | 206-1 | 4807     | 4651     | 4946     | 4801     | 3.07   | cps   |
| Lead       | 207-1 | 4217     | 4084     | 4301     | 4201     | 2.60   | cps   |
| Lead       | 208-1 | 18772    | 18511    | 19100    | 18795    | 1.57   | cps   |
| Lithium    | 6-1   | 2970362  | 2932203  | 2925640  | 2942735  | 0.82   | cps   |
| Magnesium  | 24-2  | 265307   | 265038   | 261077   | 263807   | 0.90   | cps   |
| Manganese  | 55-2  | 26668    | 26371    | 26277    | 26438    | 0.77   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-05             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-05-FL1-BRG-W1-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 13:34:56  | DataFile Name :   | 025SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 983      | 1058     | 933      | 992      | 6.35   | cps   |
| Molybdenum | 95-1  | 483      | 425      | 383      | 431      | 11.67  | cps   |
| Molybdenum | 96-1  | 658      | 642      | 508      | 603      | 13.64  | cps   |
| Molybdenum | 97-1  | 308      | 275      | 267      | 283      | 7.78   | cps   |
| Molybdenum | 98-1  | 758      | 717      | 792      | 756      | 4.97   | cps   |
| Neodymium  | 150-1 | 53       | 33       | 47       | 44       | 22.92  | cps   |
| Neodymium  | 150-2 | 10       | 10       | 7        | 9        | 21.63  | cps   |
| Nickel     | 60-2  | 457      | 497      | 517      | 490      | 6.24   | cps   |
| Phosphorus | 31-2  | 3142     | 3059     | 3250     | 3150     | 3.05   | cps   |
| Potassium  | 39-2  | 128477   | 128570   | 129670   | 128906   | 0.51   | cps   |
| Rhodium    | 103-1 | 15380273 | 15102661 | 15023809 | 15168915 | 1.23   | cps   |
| Rhodium    | 103-2 | 7541935  | 7454281  | 7444253  | 7480156  | 0.72   | cps   |
| Scandium   | 45-1  | 9996893  | 9849600  | 9841338  | 9895944  | 0.88   | cps   |
| Scandium   | 45-2  | 420478   | 419877   | 414356   | 418237   | 0.81   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 67       | 41       | 70       | 59       | 27.24  | cps   |
| Selenium   | 82-1  | 37       | 67       | 15       | 40       | 64.89  | cps   |
| Silicon    | 28-1  | 5576650  | 5537923  | 5453456  | 5522676  | 1.14   | cps   |
| Silver     | 109-1 | 183      | 233      | 267      | 228      | 18.41  | cps   |
| Silver     | 107-1 | 300      | 325      | 217      | 281      | 20.22  | cps   |
| Sodium     | 23-2  | 3922569  | 3890983  | 3905696  | 3906416  | 0.40   | cps   |
| Strontium  | 86-1  | 66597    | 66119    | 67368    | 66695    | 0.94   | cps   |
| Strontium  | 88-1  | 581388   | 574271   | 574958   | 576872   | 0.68   | cps   |
| Sulfur     | 34-1  | 312522   | 312678   | 308491   | 311230   | 0.76   | cps   |
| Terbium    | 159-1 | 20738175 | 20353768 | 20261406 | 20451116 | 1.24   | cps   |
| Terbium    | 159-2 | 10254921 | 10158020 | 10133600 | 10182180 | 0.63   | cps   |
| Thallium   | 203-1 | 217      | 283      | 325      | 275      | 19.87  | cps   |
| Thallium   | 205-1 | 642      | 517      | 542      | 567      | 11.67  | cps   |
| Tin        | 118-1 | 725      | 792      | 700      | 739      | 6.41   | cps   |
| Titanium   | 47-1  | 717      | 667      | 692      | 692      | 3.61   | cps   |
| Uranium    | 238-1 | 450      | 533      | 617      | 533      | 15.63  | cps   |
| Vanadium   | 51-2  | 153      | 157      | 123      | 144      | 12.71  | cps   |
| Yttrium    | 89-1  | 17049506 | 16879505 | 16785284 | 16904765 | 0.79   | cps   |
| Yttrium    | 89-2  | 2404323  | 2398546  | 2390833  | 2397901  | 0.28   | cps   |
| Zinc       | 66-2  | 30916    | 30676    | 30726    | 30773    | 0.41   | cps   |
| Zirconium  | 90-1  | 2450     | 1834     | 1967     | 2084     | 15.58  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-05             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-05-FL1-BRG-W1-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 13:34:56  | DataFile Name :   | 025SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 467  | 542  | 542  | 517     | 8.38   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-06             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-06-FL1-BRG-W1-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 13:38:29  | DataFile Name :   | 026SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 642      | 692      | 692      | 675      | 4.28   | cps   |
| Antimony   | 121-1 | 967      | 1017     | 950      | 978      | 3.55   | cps   |
| Arsenic    | 75-2  | 154      | 144      | 169      | 156      | 7.80   | cps   |
| Barium     | 135-1 | 37619    | 37209    | 37151    | 37326    | 0.68   | cps   |
| Barium     | 137-1 | 65807    | 64517    | 63404    | 64576    | 1.86   | cps   |
| Beryllium  | 9-1   | 33       | 56       | 83       | 57       | 43.64  | cps   |
| Bismuth    | 209-1 | 12818478 | 12792036 | 12717869 | 12776128 | 0.41   | cps   |
| Bismuth    | 209-2 | 7625295  | 7573233  | 7520472  | 7573000  | 0.69   | cps   |
| Boron      | 10-1  | 967      | 1042     | 1033     | 1014     | 4.05   | cps   |
| Boron      | 11-1  | 5385     | 5776     | 6177     | 5779     | 6.85   | cps   |
| Cadmium    | 111-1 | 3153     | 2716     | 3186     | 3018     | 8.69   | cps   |
| Cadmium    | 106-1 | 3926     | 3309     | 3934     | 3723     | 9.63   | cps   |
| Cadmium    | 108-1 | 46       | 42       | 50       | 46       | 9.09   | cps   |
| Calcium    | 43-1  | 186150   | 180590   | 183763   | 183501   | 1.52   | cps   |
| Calcium    | 44-1  | 3048084  | 3009239  | 2977294  | 3011539  | 1.18   | cps   |
| Chromium   | 52-2  | 1557     | 1637     | 1480     | 1558     | 5.03   | cps   |
| Cobalt     | 59-2  | 140      | 170      | 200      | 170      | 17.65  | cps   |
| Copper     | 63-2  | 344722   | 344270   | 342033   | 343675   | 0.42   | cps   |
| Dysprosium | 156-1 | 25       | 67       | 17       | 36       | 74.18  | cps   |
| Dysprosium | 156-2 | 30       | 20       | 13       | 21       | 39.75  | cps   |
| Erbium     | 164-1 | 92       | 83       | 150      | 108      | 33.53  | cps   |
| Erbium     | 164-2 | 57       | 43       | 53       | 51       | 13.58  | cps   |
| Gadolinium | 160-1 | 142      | 208      | 125      | 158      | 27.85  | cps   |
| Gadolinium | 160-2 | 100      | 87       | 107      | 98       | 10.41  | cps   |
| Holmium    | 165-1 | 19478047 | 19442034 | 19317306 | 19412462 | 0.43   | cps   |
| Holmium    | 165-2 | 10127029 | 10048729 | 9892748  | 10022835 | 1.19   | cps   |
| Indium     | 115-1 | 16647156 | 16472870 | 16386922 | 16502316 | 0.80   | cps   |
| Indium     | 115-2 | 3142654  | 3156695  | 3144948  | 3148099  | 0.24   | cps   |
| Iron       | 56-2  | 66206    | 69353    | 66341    | 67300    | 2.64   | cps   |
| Iron       | 57-2  | 1767     | 1984     | 1939     | 1896     | 6.04   | cps   |
| Lead       | 206-1 | 4312     | 4073     | 3984     | 4123     | 4.11   | cps   |
| Lead       | 207-1 | 3684     | 3556     | 3328     | 3523     | 5.11   | cps   |
| Lead       | 208-1 | 16254    | 16032    | 15715    | 16001    | 1.69   | cps   |
| Lithium    | 6-1   | 2969418  | 2948237  | 2910909  | 2942855  | 1.01   | cps   |
| Magnesium  | 24-2  | 265724   | 265463   | 264430   | 265205   | 0.26   | cps   |
| Manganese  | 55-2  | 25803    | 25689    | 25305    | 25599    | 1.02   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-06             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-06-FL1-BRG-W1-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 13:38:29  | DataFile Name :   | 026SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 900      | 883      | 758      | 847      | 9.14   | cps   |
| Molybdenum | 95-1  | 575      | 300      | 458      | 444      | 31.06  | cps   |
| Molybdenum | 96-1  | 542      | 808      | 517      | 622      | 25.98  | cps   |
| Molybdenum | 97-1  | 267      | 275      | 308      | 283      | 7.78   | cps   |
| Molybdenum | 98-1  | 717      | 642      | 625      | 661      | 7.39   | cps   |
| Neodymium  | 150-1 | 47       | 33       | 33       | 38       | 20.39  | cps   |
| Neodymium  | 150-2 | 10       | 10       | 30       | 17       | 69.28  | cps   |
| Nickel     | 60-2  | 477      | 573      | 547      | 532      | 9.38   | cps   |
| Phosphorus | 31-2  | 3250     | 3292     | 2892     | 3145     | 6.99   | cps   |
| Potassium  | 39-2  | 129260   | 127880   | 126921   | 128020   | 0.92   | cps   |
| Rhodium    | 103-1 | 15241712 | 15113159 | 14958851 | 15104574 | 0.94   | cps   |
| Rhodium    | 103-2 | 7459030  | 7411643  | 7393485  | 7421386  | 0.46   | cps   |
| Scandium   | 45-1  | 9937896  | 9874265  | 9758439  | 9856867  | 0.92   | cps   |
| Scandium   | 45-2  | 421226   | 417545   | 416648   | 418473   | 0.58   | cps   |
| Selenium   | 77-2  | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 74       | 74       | 59       | 69       | 12.37  | cps   |
| Selenium   | 82-1  | 39       | 11       | 48       | 33       | 58.81  | cps   |
| Silicon    | 28-1  | 5637857  | 5454002  | 5434923  | 5508927  | 2.03   | cps   |
| Silver     | 109-1 | 200      | 250      | 200      | 217      | 13.33  | cps   |
| Silver     | 107-1 | 292      | 358      | 308      | 319      | 10.86  | cps   |
| Sodium     | 23-2  | 3908391  | 3914725  | 3885026  | 3902714  | 0.40   | cps   |
| Strontium  | 86-1  | 67877    | 65441    | 66915    | 66744    | 1.84   | cps   |
| Strontium  | 88-1  | 577520   | 577666   | 571419   | 575535   | 0.62   | cps   |
| Sulfur     | 34-1  | 310233   | 310352   | 312633   | 311072   | 0.43   | cps   |
| Terbium    | 159-1 | 20553860 | 20555235 | 20254515 | 20454537 | 0.85   | cps   |
| Terbium    | 159-2 | 10248509 | 10131864 | 10049065 | 10143146 | 0.99   | cps   |
| Thallium   | 203-1 | 350      | 258      | 233      | 281      | 21.89  | cps   |
| Thallium   | 205-1 | 525      | 600      | 583      | 569      | 6.92   | cps   |
| Tin        | 118-1 | 733      | 658      | 984      | 792      | 21.51  | cps   |
| Titanium   | 47-1  | 650      | 800      | 733      | 728      | 10.32  | cps   |
| Uranium    | 238-1 | 533      | 558      | 525      | 539      | 3.22   | cps   |
| Vanadium   | 51-2  | 147      | 160      | 163      | 157      | 5.63   | cps   |
| Yttrium    | 89-1  | 16905020 | 16822635 | 16802919 | 16843524 | 0.32   | cps   |
| Yttrium    | 89-2  | 2397132  | 2387198  | 2368770  | 2384367  | 0.60   | cps   |
| Zinc       | 66-2  | 31801    | 31671    | 31437    | 31637    | 0.58   | cps   |
| Zirconium  | 90-1  | 2150     | 2050     | 1759     | 1986     | 10.25  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-06             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-06-FL1-BRG-W1-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 13:38:29  | DataFile Name :   | 026SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 367  | 350  | 425  | 381     | 10.35  | cps   |

LB Number : LB91543 Operator : Jaswal  
 Lab Sample ID : I6356-07 Instrumnet Name : P7  
 Client Sample ID : KAJT-07-FL1-BRG-W1-F Dilution Factor : 1  
 Date & Time Acquired :: 2017-11-10 13:41:59 DataFile Name : 027SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 583      | 633      | 650      | 622      | 5.58   | cps   |
| Antimony   | 121-1 | 1117     | 1175     | 1083     | 1125     | 4.12   | cps   |
| Arsenic    | 75-2  | 146      | 139      | 124      | 136      | 8.29   | cps   |
| Barium     | 135-1 | 39875    | 39842    | 37736    | 39151    | 3.13   | cps   |
| Barium     | 137-1 | 70580    | 66912    | 68663    | 68718    | 2.67   | cps   |
| Beryllium  | 9-1   | 56       | 44       | 39       | 46       | 18.33  | cps   |
| Bismuth    | 209-1 | 12929354 | 12917391 | 12804872 | 12883872 | 0.53   | cps   |
| Bismuth    | 209-2 | 7629773  | 7612514  | 7610998  | 7617761  | 0.14   | cps   |
| Boron      | 10-1  | 1125     | 983      | 1158     | 1089     | 8.53   | cps   |
| Boron      | 11-1  | 5510     | 5743     | 5601     | 5618     | 2.09   | cps   |
| Cadmium    | 111-1 | 3088     | 3018     | 2753     | 2953     | 5.98   | cps   |
| Cadmium    | 106-1 | 4059     | 3976     | 3659     | 3898     | 5.42   | cps   |
| Cadmium    | 108-1 | 17       | 21       | 29       | 22       | 28.64  | cps   |
| Calcium    | 43-1  | 188942   | 188250   | 186884   | 188025   | 0.56   | cps   |
| Calcium    | 44-1  | 3125312  | 3093971  | 3060479  | 3093254  | 1.05   | cps   |
| Chromium   | 52-2  | 1437     | 1303     | 1330     | 1357     | 5.20   | cps   |
| Cobalt     | 59-2  | 203      | 143      | 190      | 179      | 17.61  | cps   |
| Copper     | 63-2  | 538921   | 534056   | 533656   | 535544   | 0.55   | cps   |
| Dysprosium | 156-1 | 58       | 67       | 58       | 61       | 7.87   | cps   |
| Dysprosium | 156-2 | 13       | 20       | 17       | 17       | 20.01  | cps   |
| Erbium     | 164-1 | 83       | 133      | 83       | 100      | 28.87  | cps   |
| Erbium     | 164-2 | 47       | 30       | 23       | 33       | 36.07  | cps   |
| Gadolinium | 160-1 | 117      | 92       | 108      | 106      | 12.06  | cps   |
| Gadolinium | 160-2 | 73       | 117      | 87       | 92       | 24.06  | cps   |
| Holmium    | 165-1 | 19668468 | 19660010 | 19426253 | 19584910 | 0.70   | cps   |
| Holmium    | 165-2 | 10132468 | 10109634 | 10033444 | 10091849 | 0.51   | cps   |
| Indium     | 115-1 | 16583137 | 16605708 | 16477489 | 16555445 | 0.41   | cps   |
| Indium     | 115-2 | 3172719  | 3167928  | 3161450  | 3167366  | 0.18   | cps   |
| Iron       | 56-2  | 64620    | 65106    | 65296    | 65007    | 0.54   | cps   |
| Iron       | 57-2  | 1806     | 1972     | 1917     | 1898     | 4.47   | cps   |
| Lead       | 206-1 | 13023    | 13735    | 13285    | 13348    | 2.70   | cps   |
| Lead       | 207-1 | 11489    | 11533    | 11339    | 11453    | 0.89   | cps   |
| Lead       | 208-1 | 52615    | 52552    | 51841    | 52336    | 0.82   | cps   |
| Lithium    | 6-1   | 2970342  | 2975035  | 2943071  | 2962816  | 0.58   | cps   |
| Magnesium  | 24-2  | 265313   | 270974   | 267054   | 267781   | 1.08   | cps   |
| Manganese  | 55-2  | 22087    | 22391    | 21860    | 22112    | 1.20   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-07             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-07-FL1-BRG-W1-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 13:41:59  | DataFile Name :   | 027SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Molybdenum | 94-1  | 883      | 908      | 917      | 903      | 1.92    | cps   |
| Molybdenum | 95-1  | 475      | 433      | 375      | 428      | 11.74   | cps   |
| Molybdenum | 96-1  | 533      | 567      | 708      | 603      | 15.42   | cps   |
| Molybdenum | 97-1  | 308      | 208      | 242      | 253      | 20.14   | cps   |
| Molybdenum | 98-1  | 600      | 742      | 442      | 594      | 25.25   | cps   |
| Neodymium  | 150-1 | 53       | 20       | 40       | 38       | 44.42   | cps   |
| Neodymium  | 150-2 | 17       | 23       | 23       | 21       | 18.21   | cps   |
| Nickel     | 60-2  | 3247     | 2960     | 3217     | 3142     | 5.02    | cps   |
| Phosphorus | 31-2  | 3034     | 3459     | 3409     | 3301     | 7.04    | cps   |
| Potassium  | 39-2  | 128335   | 129032   | 129251   | 128873   | 0.37    | cps   |
| Rhodium    | 103-1 | 15291071 | 15168125 | 15054156 | 15171117 | 0.78    | cps   |
| Rhodium    | 103-2 | 7471861  | 7482716  | 7458275  | 7470950  | 0.16    | cps   |
| Scandium   | 45-1  | 10048001 | 9990645  | 9885626  | 9974757  | 0.83    | cps   |
| Scandium   | 45-2  | 419673   | 417129   | 418428   | 418410   | 0.30    | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00    | cps   |
| Selenium   | 78-2  | 81       | 70       | 67       | 73       | 10.58   | cps   |
| Selenium   | 82-1  | -38      | 11       | -45      | -24      | -128.83 | cps   |
| Silicon    | 28-1  | 5674720  | 5683103  | 5580525  | 5646116  | 1.01    | cps   |
| Silver     | 109-1 | 167      | 233      | 158      | 186      | 22.09   | cps   |
| Silver     | 107-1 | 242      | 225      | 267      | 244      | 8.58    | cps   |
| Sodium     | 23-2  | 3960294  | 3970321  | 3923810  | 3951475  | 0.62    | cps   |
| Strontium  | 86-1  | 68597    | 68388    | 68346    | 68444    | 0.20    | cps   |
| Strontium  | 88-1  | 591909   | 593165   | 584396   | 589823   | 0.80    | cps   |
| Sulfur     | 34-1  | 315220   | 315602   | 311245   | 314022   | 0.77    | cps   |
| Terbium    | 159-1 | 20680477 | 20621288 | 20425853 | 20575872 | 0.65    | cps   |
| Terbium    | 159-2 | 10235504 | 10190933 | 10205877 | 10210771 | 0.22    | cps   |
| Thallium   | 203-1 | 308      | 200      | 275      | 261      | 21.25   | cps   |
| Thallium   | 205-1 | 575      | 500      | 542      | 539      | 6.97    | cps   |
| Tin        | 118-1 | 775      | 858      | 750      | 795      | 7.14    | cps   |
| Titanium   | 47-1  | 650      | 725      | 1688     | 1021     | 56.70   | cps   |
| Uranium    | 238-1 | 533      | 542      | 417      | 497      | 14.05   | cps   |
| Vanadium   | 51-2  | 160      | 140      | 170      | 157      | 9.75    | cps   |
| Yttrium    | 89-1  | 17092370 | 16936956 | 16900190 | 16976505 | 0.60    | cps   |
| Yttrium    | 89-2  | 2405422  | 2396553  | 2396644  | 2399540  | 0.21    | cps   |
| Zinc       | 66-2  | 18495    | 17968    | 18425    | 18296    | 1.57    | cps   |
| Zirconium  | 90-1  | 1909     | 1817     | 1817     | 1847     | 2.86    | cps   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-07             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-07-FL1-BRG-W1-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 13:41:59  | DataFile Name :   | 027SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 433  | 500  | 325  | 419     | 21.06  | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB91543             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV26               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV26               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-11-10 13:45:30 | DataFile Name :   | 028CCV.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 4512211   | 4605434   | 4581529   | 4566391   | 1.06   | cps   |
| Antimony   | 121-1 | 5100812   | 5149983   | 5126312   | 5125703   | 0.48   | cps   |
| Arsenic    | 75-2  | 175282    | 176960    | 176886    | 176376    | 0.54   | cps   |
| Barium     | 135-1 | 6258132   | 6195845   | 6211629   | 6221869   | 0.52   | cps   |
| Barium     | 137-1 | 10877932  | 10778120  | 10780627  | 10812227  | 0.53   | cps   |
| Beryllium  | 9-1   | 762669    | 755860    | 759449    | 759326    | 0.45   | cps   |
| Bismuth    | 209-1 | 10764314  | 10612955  | 10513757  | 10630342  | 1.19   | cps   |
| Bismuth    | 209-2 | 6372296   | 6414162   | 6454125   | 6413527   | 0.64   | cps   |
| Boron      | 10-1  | 90697     | 92088     | 93145     | 91977     | 1.34   | cps   |
| Boron      | 11-1  | 436543    | 449616    | 456746    | 447635    | 2.29   | cps   |
| Cadmium    | 111-1 | 1153540   | 1151988   | 1155376   | 1153635   | 0.15   | cps   |
| Cadmium    | 106-1 | 125644    | 125475    | 126182    | 125767    | 0.29   | cps   |
| Cadmium    | 108-1 | 87329     | 86134     | 85464     | 86309     | 1.09   | cps   |
| Calcium    | 43-1  | 7429015   | 7429017   | 7432914   | 7430315   | 0.03   | cps   |
| Calcium    | 44-1  | 119177553 | 119646228 | 119876211 | 119566664 | 0.30   | cps   |
| Chromium   | 52-2  | 1542698   | 1555900   | 1560276   | 1552958   | 0.59   | cps   |
| Cobalt     | 59-2  | 2521263   | 2532502   | 2539894   | 2531220   | 0.37   | cps   |
| Copper     | 63-2  | 3557379   | 3594678   | 3607621   | 3586559   | 0.73   | cps   |
| Dysprosium | 156-1 | 100       | 117       | 158       | 125       | 24.04  | cps   |
| Dysprosium | 156-2 | 43        | 47        | 40        | 43        | 7.70   | cps   |
| Erbium     | 164-1 | 108       | 100       | 92        | 100       | 8.33   | cps   |
| Erbium     | 164-2 | 23        | 37        | 40        | 33        | 26.47  | cps   |
| Gadolinium | 160-1 | 133       | 100       | 100       | 111       | 17.32  | cps   |
| Gadolinium | 160-2 | 97        | 83        | 87        | 89        | 7.80   | cps   |
| Holmium    | 165-1 | 17553912  | 17488624  | 17408233  | 17483590  | 0.42   | cps   |
| Holmium    | 165-2 | 9328638   | 9324384   | 9358325   | 9337116   | 0.20   | cps   |
| Indium     | 115-1 | 14171368  | 14194834  | 14189074  | 14185092  | 0.09   | cps   |
| Indium     | 115-2 | 2829263   | 2859447   | 2869803   | 2852838   | 0.74   | cps   |
| Iron       | 56-2  | 313913207 | 316452629 | 317641163 | 316002333 | 0.60   | cps   |
| Iron       | 57-2  | 7672875   | 7737747   | 7754793   | 7721805   | 0.56   | cps   |
| Lead       | 206-1 | 3637350   | 3624792   | 3602466   | 3621536   | 0.49   | cps   |
| Lead       | 207-1 | 3394367   | 3351767   | 3354527   | 3366887   | 0.71   | cps   |
| Lead       | 208-1 | 15253844  | 15086138  | 15003650  | 15114544  | 0.84   | cps   |
| Lithium    | 6-1   | 2602198   | 2597607   | 2591926   | 2597244   | 0.20   | cps   |
| Magnesium  | 24-2  | 52528545  | 52818718  | 53220255  | 52855839  | 0.66   | cps   |
| Manganese  | 55-2  | 1733970   | 1753343   | 1750497   | 1745937   | 0.60   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB91543             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV26               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV26               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-11-10 13:45:30 | DataFile Name :   | 028CCV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 10574390 | 10524109 | 10525410 | 10541303 | 0.27   | cps   |
| Molybdenum | 95-1  | 12620900 | 12703913 | 12569680 | 12631498 | 0.54   | cps   |
| Molybdenum | 96-1  | 13985294 | 13996125 | 13999728 | 13993716 | 0.05   | cps   |
| Molybdenum | 97-1  | 7871680  | 7921102  | 7937686  | 7910156  | 0.43   | cps   |
| Molybdenum | 98-1  | 20498107 | 20461244 | 20527381 | 20495577 | 0.16   | cps   |
| Neodymium  | 150-1 | 340      | 333      | 240      | 304      | 18.37  | cps   |
| Neodymium  | 150-2 | 63       | 57       | 43       | 54       | 18.71  | cps   |
| Nickel     | 60-2  | 652219   | 656875   | 660094   | 656396   | 0.60   | cps   |
| Phosphorus | 31-2  | 46197    | 46624    | 47242    | 46688    | 1.13   | cps   |
| Potassium  | 39-2  | 25995514 | 26304928 | 26407052 | 26235831 | 0.82   | cps   |
| Rhodium    | 103-1 | 12706090 | 12650875 | 12665067 | 12674011 | 0.23   | cps   |
| Rhodium    | 103-2 | 6432178  | 6477176  | 6489653  | 6466336  | 0.47   | cps   |
| Scandium   | 45-1  | 8955218  | 8937686  | 8918980  | 8937295  | 0.20   | cps   |
| Scandium   | 45-2  | 396440   | 398275   | 400217   | 398311   | 0.47   | cps   |
| Selenium   | 77-2  | 3247     | 3287     | 3417     | 3317     | 2.68   | cps   |
| Selenium   | 78-2  | 11249    | 11149    | 10976    | 11125    | 1.24   | cps   |
| Selenium   | 82-1  | 71220    | 71492    | 72364    | 71692    | 0.83   | cps   |
| Silicon    | 28-1  | 3546068  | 3599077  | 3669523  | 3604889  | 1.72   | cps   |
| Silver     | 109-1 | 5665014  | 5647738  | 5626631  | 5646461  | 0.34   | cps   |
| Silver     | 107-1 | 5876683  | 5847555  | 5849266  | 5857835  | 0.28   | cps   |
| Sodium     | 23-2  | 97200881 | 97656015 | 98328867 | 97728588 | 0.58   | cps   |
| Strontium  | 86-1  | 1661148  | 1653980  | 1657610  | 1657579  | 0.22   | cps   |
| Strontium  | 88-1  | 14614932 | 14673808 | 14641737 | 14643493 | 0.20   | cps   |
| Sulfur     | 34-1  | 661949   | 658138   | 656682   | 658923   | 0.41   | cps   |
| Terbium    | 159-1 | 18525569 | 18446953 | 18455594 | 18476039 | 0.23   | cps   |
| Terbium    | 159-2 | 9425682  | 9447982  | 9472795  | 9448820  | 0.25   | cps   |
| Thallium   | 203-1 | 4556465  | 4521809  | 4477755  | 4518677  | 0.87   | cps   |
| Thallium   | 205-1 | 10936964 | 10805704 | 10784590 | 10842420 | 0.76   | cps   |
| Tin        | 118-1 | 4086065  | 4098713  | 4079312  | 4088030  | 0.24   | cps   |
| Titanium   | 47-1  | 3429937  | 3437770  | 3434950  | 3434219  | 0.12   | cps   |
| Uranium    | 238-1 | 16533057 | 16410844 | 16404775 | 16449559 | 0.44   | cps   |
| Vanadium   | 51-2  | 1292644  | 1302748  | 1314741  | 1303377  | 0.85   | cps   |
| Yttrium    | 89-1  | 15201765 | 15247796 | 15190399 | 15213320 | 0.20   | cps   |
| Yttrium    | 89-2  | 2234304  | 2249374  | 2263934  | 2249204  | 0.66   | cps   |
| Zinc       | 66-2  | 485732   | 489161   | 492517   | 489137   | 0.69   | cps   |
| Zirconium  | 90-1  | 9072810  | 9132900  | 9098543  | 9101418  | 0.33   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB91543             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV26               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV26               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-11-10 13:45:30 | DataFile Name :   | 028CCV.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 1989309 | 1999817 | 1980295 | 1989807 | 0.49   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB26               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB26               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 13:49:06 | DataFile Name :   | 029CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 333      | 342      | 267      | 314      | 13.10  | cps   |
| Antimony   | 121-1 | 17570    | 15951    | 15276    | 16266    | 7.25   | cps   |
| Arsenic    | 75-2  | 44       | 41       | 37       | 41       | 9.08   | cps   |
| Barium     | 135-1 | 617      | 492      | 600      | 569      | 11.92  | cps   |
| Barium     | 137-1 | 867      | 892      | 825      | 861      | 3.91   | cps   |
| Beryllium  | 9-1   | 206      | 261      | 239      | 235      | 11.89  | cps   |
| Bismuth    | 209-1 | 11917756 | 11939026 | 11831319 | 11896034 | 0.48   | cps   |
| Bismuth    | 209-2 | 7288927  | 7277411  | 7227114  | 7264484  | 0.45   | cps   |
| Boron      | 10-1  | 2750     | 2175     | 2075     | 2334     | 15.61  | cps   |
| Boron      | 11-1  | 13490    | 11763    | 11188    | 12147    | 9.86   | cps   |
| Cadmium    | 111-1 | 2623     | 2502     | 2548     | 2558     | 2.38   | cps   |
| Cadmium    | 106-1 | 3609     | 3409     | 3501     | 3506     | 2.86   | cps   |
| Cadmium    | 108-1 | 29       | 25       | 21       | 25       | 16.68  | cps   |
| Calcium    | 43-1  | 792      | 900      | 833      | 842      | 6.49   | cps   |
| Calcium    | 44-1  | 26725    | 28270    | 28603    | 27866    | 3.60   | cps   |
| Chromium   | 52-2  | 1623     | 1873     | 1690     | 1729     | 7.49   | cps   |
| Cobalt     | 59-2  | 300      | 287      | 213      | 267      | 17.50  | cps   |
| Copper     | 63-2  | 2247     | 2184     | 2020     | 2150     | 5.44   | cps   |
| Dysprosium | 156-1 | 8        | 25       | 8        | 14       | 69.31  | cps   |
| Dysprosium | 156-2 | 17       | 0        | 3        | 7        | 132.33 | cps   |
| Erbium     | 164-1 | 25       | 17       | 33       | 25       | 33.32  | cps   |
| Erbium     | 164-2 | 17       | 37       | 30       | 28       | 36.66  | cps   |
| Gadolinium | 160-1 | 83       | 67       | 83       | 78       | 12.37  | cps   |
| Gadolinium | 160-2 | 107      | 117      | 73       | 99       | 22.95  | cps   |
| Holmium    | 165-1 | 18210264 | 18174225 | 18153160 | 18179216 | 0.16   | cps   |
| Holmium    | 165-2 | 9651409  | 9639645  | 9639549  | 9643535  | 0.07   | cps   |
| Indium     | 115-1 | 15548405 | 15533172 | 15439164 | 15506914 | 0.38   | cps   |
| Indium     | 115-2 | 3022005  | 3034576  | 3026525  | 3027702  | 0.21   | cps   |
| Iron       | 56-2  | 30516    | 26419    | 23430    | 26788    | 13.28  | cps   |
| Iron       | 57-2  | 783      | 744      | 689      | 739      | 6.42   | cps   |
| Lead       | 206-1 | 1745     | 1795     | 1700     | 1746     | 2.71   | cps   |
| Lead       | 207-1 | 1734     | 1639     | 1511     | 1628     | 6.85   | cps   |
| Lead       | 208-1 | 7551     | 7523     | 7034     | 7370     | 3.94   | cps   |
| Lithium    | 6-1   | 2788474  | 2782379  | 2767678  | 2779510  | 0.38   | cps   |
| Magnesium  | 24-2  | 3426     | 3234     | 2492     | 3050     | 16.16  | cps   |
| Manganese  | 55-2  | 173      | 187      | 127      | 162      | 19.42  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB26               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB26               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 13:49:06 | DataFile Name :   | 029CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 4568     | 4251     | 4159     | 4326     | 4.95   | cps   |
| Molybdenum | 95-1  | 5651     | 5676     | 4709     | 5346     | 10.31  | cps   |
| Molybdenum | 96-1  | 6168     | 6043     | 5360     | 5857     | 7.43   | cps   |
| Molybdenum | 97-1  | 3634     | 3259     | 3092     | 3328     | 8.34   | cps   |
| Molybdenum | 98-1  | 9512     | 8653     | 8003     | 8722     | 8.68   | cps   |
| Neodymium  | 150-1 | 13       | 0        | 0        | 4        | 173.21 | cps   |
| Neodymium  | 150-2 | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 200      | 157      | 177      | 178      | 12.20  | cps   |
| Phosphorus | 31-2  | 108      | 92       | 167      | 122      | 32.22  | cps   |
| Potassium  | 39-2  | 23979    | 22676    | 22676    | 23110    | 3.25   | cps   |
| Rhodium    | 103-1 | 14314381 | 14305493 | 14304560 | 14308144 | 0.04   | cps   |
| Rhodium    | 103-2 | 7214317  | 7214724  | 7182871  | 7203971  | 0.25   | cps   |
| Scandium   | 45-1  | 9329984  | 9290601  | 9323228  | 9314605  | 0.23   | cps   |
| Scandium   | 45-2  | 404317   | 405344   | 403658   | 404440   | 0.21   | cps   |
| Selenium   | 77-2  | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 70       | 80       | 78       | 76       | 6.45   | cps   |
| Selenium   | 82-1  | 41       | 51       | 98       | 64       | 48.26  | cps   |
| Silicon    | 28-1  | 212132   | 209625   | 206380   | 209379   | 1.38   | cps   |
| Silver     | 109-1 | 592      | 525      | 525      | 547      | 7.03   | cps   |
| Silver     | 107-1 | 708      | 792      | 617      | 706      | 12.41  | cps   |
| Sodium     | 23-2  | 25589    | 24212    | 23928    | 24576    | 3.62   | cps   |
| Strontium  | 86-1  | 675      | 708      | 642      | 675      | 4.94   | cps   |
| Strontium  | 88-1  | 1183     | 1333     | 1333     | 1283     | 6.75   | cps   |
| Sulfur     | 34-1  | 253513   | 252743   | 256871   | 254375   | 0.86   | cps   |
| Terbium    | 159-1 | 19128018 | 19018332 | 19042587 | 19062979 | 0.30   | cps   |
| Terbium    | 159-2 | 9764498  | 9790470  | 9776099  | 9777023  | 0.13   | cps   |
| Thallium   | 203-1 | 2150     | 2217     | 1884     | 2084     | 8.47   | cps   |
| Thallium   | 205-1 | 5226     | 5101     | 4293     | 4873     | 10.40  | cps   |
| Tin        | 118-1 | 3884     | 4051     | 3609     | 3848     | 5.80   | cps   |
| Titanium   | 47-1  | 500      | 533      | 617      | 550      | 10.93  | cps   |
| Uranium    | 238-1 | 1675     | 1600     | 1525     | 1600     | 4.69   | cps   |
| Vanadium   | 51-2  | 60       | 47       | 70       | 59       | 19.88  | cps   |
| Yttrium    | 89-1  | 15975370 | 16015576 | 16008998 | 15999981 | 0.13   | cps   |
| Yttrium    | 89-2  | 2309535  | 2306378  | 2287076  | 2300996  | 0.53   | cps   |
| Zinc       | 66-2  | 3737     | 3674     | 3814     | 3742     | 1.87   | cps   |
| Zirconium  | 90-1  | 3292     | 3234     | 3234     | 3253     | 1.04   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB26               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB26               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 13:49:06 | DataFile Name :   | 029CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 800  | 833  | 692  | 775     | 9.56   | cps   |

LB Number : LB91543 Operator : Jaswal  
 Lab Sample ID : I6356-08 Instrumnet Name : P7  
 Client Sample ID : KAJT-08-FL1-BRG-W1-F Dilution Factor : 1  
 Date & Time Acquired :: 2017-11-10 13:52:37 DataFile Name : 030SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1450     | 1383     | 1408     | 1414     | 2.38   | cps   |
| Antimony   | 121-1 | 3701     | 4067     | 4026     | 3931     | 5.11   | cps   |
| Arsenic    | 75-2  | 163      | 156      | 141      | 153      | 7.39   | cps   |
| Barium     | 135-1 | 37235    | 36775    | 36816    | 36942    | 0.69   | cps   |
| Barium     | 137-1 | 64702    | 66242    | 63363    | 64769    | 2.22   | cps   |
| Beryllium  | 9-1   | 133      | 139      | 172      | 148      | 14.20  | cps   |
| Bismuth    | 209-1 | 12957408 | 12939150 | 12990571 | 12962376 | 0.20   | cps   |
| Bismuth    | 209-2 | 7659140  | 7683629  | 7696437  | 7679735  | 0.25   | cps   |
| Boron      | 10-1  | 1900     | 1859     | 2117     | 1959     | 7.08   | cps   |
| Boron      | 11-1  | 9570     | 9353     | 9195     | 9373     | 2.01   | cps   |
| Cadmium    | 111-1 | 3578     | 3005     | 3238     | 3274     | 8.79   | cps   |
| Cadmium    | 106-1 | 4618     | 3784     | 4067     | 4156     | 10.20  | cps   |
| Cadmium    | 108-1 | 54       | 50       | 67       | 57       | 15.23  | cps   |
| Calcium    | 43-1  | 193584   | 192141   | 188808   | 191511   | 1.28   | cps   |
| Calcium    | 44-1  | 3176224  | 3155165  | 3115069  | 3148819  | 0.99   | cps   |
| Chromium   | 52-2  | 1640     | 1490     | 1530     | 1553     | 5.00   | cps   |
| Cobalt     | 59-2  | 407      | 357      | 403      | 389      | 7.19   | cps   |
| Copper     | 63-2  | 350689   | 352178   | 351431   | 351433   | 0.21   | cps   |
| Dysprosium | 156-1 | 50       | 25       | 42       | 39       | 32.73  | cps   |
| Dysprosium | 156-2 | 33       | 17       | 27       | 26       | 32.81  | cps   |
| Erbium     | 164-1 | 67       | 58       | 142      | 89       | 51.63  | cps   |
| Erbium     | 164-2 | 43       | 37       | 33       | 38       | 13.48  | cps   |
| Gadolinium | 160-1 | 75       | 100      | 142      | 106      | 31.91  | cps   |
| Gadolinium | 160-2 | 127      | 113      | 133      | 124      | 8.18   | cps   |
| Holmium    | 165-1 | 19841429 | 19876805 | 19637390 | 19785208 | 0.65   | cps   |
| Holmium    | 165-2 | 10205743 | 10180058 | 10222782 | 10202861 | 0.21   | cps   |
| Indium     | 115-1 | 16971885 | 16829470 | 16736080 | 16845812 | 0.70   | cps   |
| Indium     | 115-2 | 3198273  | 3217169  | 3221419  | 3212287  | 0.38   | cps   |
| Iron       | 56-2  | 78825    | 81424    | 74946    | 78398    | 4.16   | cps   |
| Iron       | 57-2  | 2195     | 2389     | 2345     | 2310     | 4.42   | cps   |
| Lead       | 206-1 | 6474     | 6457     | 6596     | 6509     | 1.17   | cps   |
| Lead       | 207-1 | 5479     | 5529     | 5362     | 5457     | 1.57   | cps   |
| Lead       | 208-1 | 25243    | 25416    | 25082    | 25247    | 0.66   | cps   |
| Lithium    | 6-1   | 3070293  | 3058590  | 3021600  | 3050161  | 0.83   | cps   |
| Magnesium  | 24-2  | 274012   | 274528   | 270496   | 273012   | 0.80   | cps   |
| Manganese  | 55-2  | 30368    | 29704    | 29630    | 29901    | 1.36   | cps   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-08             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-08-FL1-BRG-W1-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 13:52:37  | DataFile Name :   | 030SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 4318     | 3492     | 3459     | 3756     | 12.95  | cps   |
| Molybdenum | 95-1  | 1867     | 1592     | 1567     | 1675     | 9.94   | cps   |
| Molybdenum | 96-1  | 2017     | 2492     | 2434     | 2314     | 11.20  | cps   |
| Molybdenum | 97-1  | 1175     | 1100     | 1100     | 1125     | 3.85   | cps   |
| Molybdenum | 98-1  | 2684     | 2342     | 2634     | 2553     | 7.23   | cps   |
| Neodymium  | 150-1 | 27       | 20       | 33       | 27       | 25.01  | cps   |
| Neodymium  | 150-2 | 20       | 10       | 17       | 16       | 32.73  | cps   |
| Nickel     | 60-2  | 803      | 713      | 667      | 728      | 9.55   | cps   |
| Phosphorus | 31-2  | 3309     | 3342     | 3376     | 3342     | 1.00   | cps   |
| Potassium  | 39-2  | 131730   | 134800   | 134866   | 133799   | 1.34   | cps   |
| Rhodium    | 103-1 | 15544923 | 15410227 | 15367728 | 15440959 | 0.60   | cps   |
| Rhodium    | 103-2 | 7592206  | 7588077  | 7603796  | 7594693  | 0.11   | cps   |
| Scandium   | 45-1  | 10241957 | 10161772 | 10123366 | 10175698 | 0.59   | cps   |
| Scandium   | 45-2  | 430140   | 429329   | 425105   | 428191   | 0.63   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 59       | 72       | 83       | 72       | 16.82  | cps   |
| Selenium   | 82-1  | -10      | 17       | 44       | 17       | 160.37 | cps   |
| Silicon    | 28-1  | 5746065  | 5737883  | 5762176  | 5748708  | 0.22   | cps   |
| Silver     | 109-1 | 300      | 292      | 267      | 286      | 6.06   | cps   |
| Silver     | 107-1 | 350      | 358      | 392      | 367      | 6.01   | cps   |
| Sodium     | 23-2  | 4043045  | 4041318  | 4025621  | 4036661  | 0.24   | cps   |
| Strontium  | 86-1  | 70205    | 69368    | 69460    | 69678    | 0.66   | cps   |
| Strontium  | 88-1  | 600857   | 588199   | 586100   | 591718   | 1.35   | cps   |
| Sulfur     | 34-1  | 309069   | 309492   | 308168   | 308910   | 0.22   | cps   |
| Terbium    | 159-1 | 20981839 | 20755944 | 20884808 | 20874197 | 0.54   | cps   |
| Terbium    | 159-2 | 10361591 | 10357574 | 10331330 | 10350165 | 0.16   | cps   |
| Thallium   | 203-1 | 658      | 792      | 667      | 706      | 10.59  | cps   |
| Thallium   | 205-1 | 1734     | 1825     | 1792     | 1784     | 2.60   | cps   |
| Tin        | 118-1 | 1425     | 1342     | 1433     | 1400     | 3.62   | cps   |
| Titanium   | 47-1  | 750      | 742      | 800      | 764      | 4.13   | cps   |
| Uranium    | 238-1 | 533      | 517      | 667      | 572      | 14.37  | cps   |
| Vanadium   | 51-2  | 160      | 190      | 157      | 169      | 10.87  | cps   |
| Yttrium    | 89-1  | 17464670 | 17267573 | 17177610 | 17303284 | 0.85   | cps   |
| Yttrium    | 89-2  | 2425502  | 2450119  | 2431254  | 2435625  | 0.53   | cps   |
| Zinc       | 66-2  | 30682    | 30539    | 30849    | 30690    | 0.51   | cps   |
| Zirconium  | 90-1  | 8995     | 7202     | 6944     | 7714     | 14.48  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-08             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-08-FL1-BRG-W1-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 13:52:37  | DataFile Name :   | 030SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 2092 | 1742 | 1608 | 1814    | 13.76  | cps   |

LB Number : LB91543 Operator : Jaswal  
 Lab Sample ID : I6356-09 Instrumnet Name : P7  
 Client Sample ID : KAJT-09-FL1-BRG-W1-F Dilution Factor : 1  
 Date & Time Acquired :: 2017-11-10 13:56:09 DataFile Name : 031SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1551     | 1333     | 1333     | 1406     | 8.91   | cps   |
| Antimony   | 121-1 | 2342     | 2334     | 2475     | 2384     | 3.34   | cps   |
| Arsenic    | 75-2  | 152      | 143      | 117      | 137      | 13.31  | cps   |
| Barium     | 135-1 | 36424    | 34277    | 35271    | 35324    | 3.04   | cps   |
| Barium     | 137-1 | 63655    | 61931    | 61052    | 62213    | 2.13   | cps   |
| Beryllium  | 9-1   | 94       | 72       | 106      | 91       | 18.71  | cps   |
| Bismuth    | 209-1 | 13161144 | 13110501 | 13016699 | 13096115 | 0.56   | cps   |
| Bismuth    | 209-2 | 7817547  | 7791754  | 7757281  | 7788861  | 0.39   | cps   |
| Boron      | 10-1  | 1617     | 1767     | 1725     | 1703     | 4.55   | cps   |
| Boron      | 11-1  | 8269     | 8478     | 8094     | 8280     | 2.32   | cps   |
| Cadmium    | 111-1 | 3089     | 2966     | 3050     | 3035     | 2.07   | cps   |
| Cadmium    | 106-1 | 3817     | 3751     | 3992     | 3853     | 3.24   | cps   |
| Cadmium    | 108-1 | 42       | 38       | 58       | 46       | 24.05  | cps   |
| Calcium    | 43-1  | 195374   | 193625   | 193188   | 194062   | 0.60   | cps   |
| Calcium    | 44-1  | 3164767  | 3130379  | 3088782  | 3127976  | 1.22   | cps   |
| Chromium   | 52-2  | 1457     | 1377     | 1287     | 1373     | 6.19   | cps   |
| Cobalt     | 59-2  | 420      | 337      | 433      | 397      | 13.21  | cps   |
| Copper     | 63-2  | 315844   | 314957   | 314090   | 314964   | 0.28   | cps   |
| Dysprosium | 156-1 | 42       | 25       | 25       | 31       | 31.50  | cps   |
| Dysprosium | 156-2 | 37       | 20       | 23       | 27       | 33.08  | cps   |
| Erbium     | 164-1 | 75       | 83       | 67       | 75       | 11.11  | cps   |
| Erbium     | 164-2 | 43       | 50       | 37       | 43       | 15.38  | cps   |
| Gadolinium | 160-1 | 142      | 108      | 83       | 111      | 26.34  | cps   |
| Gadolinium | 160-2 | 103      | 117      | 110      | 110      | 6.06   | cps   |
| Holmium    | 165-1 | 20142190 | 19840519 | 19630416 | 19871041 | 1.29   | cps   |
| Holmium    | 165-2 | 10315322 | 10348064 | 10263945 | 10309110 | 0.41   | cps   |
| Indium     | 115-1 | 17085451 | 16887407 | 16728275 | 16900378 | 1.06   | cps   |
| Indium     | 115-2 | 3205296  | 3213944  | 3204840  | 3208027  | 0.16   | cps   |
| Iron       | 56-2  | 71870    | 68639    | 80087    | 73532    | 8.03   | cps   |
| Iron       | 57-2  | 1972     | 1856     | 1989     | 1939     | 3.75   | cps   |
| Lead       | 206-1 | 4873     | 4545     | 4768     | 4729     | 3.54   | cps   |
| Lead       | 207-1 | 4062     | 4067     | 4112     | 4080     | 0.67   | cps   |
| Lead       | 208-1 | 19117    | 18344    | 18400    | 18620    | 2.31   | cps   |
| Lithium    | 6-1   | 3047795  | 3032821  | 3006709  | 3029108  | 0.69   | cps   |
| Magnesium  | 24-2  | 278237   | 277877   | 277778   | 277964   | 0.09   | cps   |
| Manganese  | 55-2  | 27653    | 27873    | 27439    | 27655    | 0.78   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-09             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-09-FL1-BRG-W1-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 13:56:09  | DataFile Name :   | 031SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 2050     | 2000     | 1784     | 1945     | 7.29   | cps   |
| Molybdenum | 95-1  | 1075     | 1142     | 933      | 1050     | 10.13  | cps   |
| Molybdenum | 96-1  | 1275     | 1267     | 1400     | 1314     | 5.69   | cps   |
| Molybdenum | 97-1  | 508      | 550      | 458      | 506      | 9.08   | cps   |
| Molybdenum | 98-1  | 1625     | 1475     | 1492     | 1531     | 5.37   | cps   |
| Neodymium  | 150-1 | 47       | 47       | 33       | 42       | 18.24  | cps   |
| Neodymium  | 150-2 | 7        | 30       | 7        | 14       | 93.24  | cps   |
| Nickel     | 60-2  | 560      | 543      | 663      | 589      | 11.04  | cps   |
| Phosphorus | 31-2  | 3459     | 3317     | 3401     | 3392     | 2.10   | cps   |
| Potassium  | 39-2  | 131966   | 131638   | 132117   | 131907   | 0.19   | cps   |
| Rhodium    | 103-1 | 15631821 | 15385343 | 15414590 | 15477251 | 0.87   | cps   |
| Rhodium    | 103-2 | 7636201  | 7637915  | 7595018  | 7623045  | 0.32   | cps   |
| Scandium   | 45-1  | 10200049 | 10159890 | 10024279 | 10128073 | 0.91   | cps   |
| Scandium   | 45-2  | 426076   | 429675   | 428421   | 428058   | 0.43   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 67       | 72       | 59       | 66       | 9.84   | cps   |
| Selenium   | 82-1  | 27       | 47       | 1        | 25       | 91.64  | cps   |
| Silicon    | 28-1  | 5588277  | 5670809  | 5545430  | 5601505  | 1.14   | cps   |
| Silver     | 109-1 | 242      | 283      | 283      | 269      | 8.93   | cps   |
| Silver     | 107-1 | 400      | 342      | 400      | 381      | 8.85   | cps   |
| Sodium     | 23-2  | 4000843  | 4027432  | 3997456  | 4008577  | 0.41   | cps   |
| Strontium  | 86-1  | 68714    | 66932    | 66027    | 67225    | 2.03   | cps   |
| Strontium  | 88-1  | 582794   | 579962   | 573349   | 578702   | 0.84   | cps   |
| Sulfur     | 34-1  | 313041   | 314333   | 308781   | 312052   | 0.93   | cps   |
| Terbium    | 159-1 | 21264836 | 21041385 | 20752941 | 21019721 | 1.22   | cps   |
| Terbium    | 159-2 | 10390869 | 10448228 | 10366715 | 10401937 | 0.40   | cps   |
| Thallium   | 203-1 | 450      | 483      | 392      | 442      | 10.51  | cps   |
| Thallium   | 205-1 | 1175     | 1217     | 1092     | 1161     | 5.48   | cps   |
| Tin        | 118-1 | 1133     | 1117     | 1175     | 1142     | 2.63   | cps   |
| Titanium   | 47-1  | 625      | 558      | 725      | 636      | 13.19  | cps   |
| Uranium    | 238-1 | 400      | 550      | 492      | 481      | 15.74  | cps   |
| Vanadium   | 51-2  | 130      | 173      | 160      | 154      | 14.37  | cps   |
| Yttrium    | 89-1  | 17515731 | 17358313 | 17172261 | 17348768 | 0.99   | cps   |
| Yttrium    | 89-2  | 2427801  | 2449747  | 2444161  | 2440569  | 0.47   | cps   |
| Zinc       | 66-2  | 29166    | 29343    | 29507    | 29339    | 0.58   | cps   |
| Zirconium  | 90-1  | 4276     | 4109     | 3767     | 4051     | 6.40   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-09             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-09-FL1-BRG-W1-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 13:56:09  | DataFile Name :   | 031SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 842  | 792  | 758  | 797     | 5.26   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-10             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-10-FL1-BRG-W1-B | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 13:59:40  | DataFile Name :   | 032SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 800      | 1050     | 892      | 914      | 13.85  | cps   |
| Antimony   | 121-1 | 1775     | 1984     | 2050     | 1936     | 7.41   | cps   |
| Arsenic    | 75-2  | 170      | 124      | 120      | 138      | 20.15  | cps   |
| Barium     | 135-1 | 39524    | 40117    | 39516    | 39719    | 0.87   | cps   |
| Barium     | 137-1 | 67716    | 67054    | 66929    | 67233    | 0.63   | cps   |
| Beryllium  | 9-1   | 61       | 72       | 94       | 76       | 22.36  | cps   |
| Bismuth    | 209-1 | 13230750 | 13111757 | 13189892 | 13177466 | 0.46   | cps   |
| Bismuth    | 209-2 | 7797681  | 7797544  | 7792880  | 7796035  | 0.04   | cps   |
| Boron      | 10-1  | 1558     | 1500     | 1583     | 1547     | 2.76   | cps   |
| Boron      | 11-1  | 6493     | 6568     | 7035     | 6699     | 4.38   | cps   |
| Cadmium    | 111-1 | 3405     | 3053     | 3007     | 3155     | 6.90   | cps   |
| Cadmium    | 106-1 | 4242     | 3809     | 3892     | 3981     | 5.78   | cps   |
| Cadmium    | 108-1 | 21       | 54       | 79       | 51       | 56.96  | cps   |
| Calcium    | 43-1  | 191254   | 189591   | 191076   | 190640   | 0.48   | cps   |
| Calcium    | 44-1  | 3130075  | 3123352  | 3099060  | 3117496  | 0.52   | cps   |
| Chromium   | 52-2  | 1463     | 1493     | 1407     | 1455     | 3.03   | cps   |
| Cobalt     | 59-2  | 253      | 230      | 223      | 236      | 6.69   | cps   |
| Copper     | 63-2  | 499825   | 492674   | 497141   | 496547   | 0.73   | cps   |
| Dysprosium | 156-1 | 50       | 33       | 0        | 28       | 91.65  | cps   |
| Dysprosium | 156-2 | 7        | 30       | 10       | 16       | 81.11  | cps   |
| Erbium     | 164-1 | 108      | 133      | 75       | 106      | 27.73  | cps   |
| Erbium     | 164-2 | 30       | 27       | 43       | 33       | 26.45  | cps   |
| Gadolinium | 160-1 | 142      | 142      | 150      | 144      | 3.33   | cps   |
| Gadolinium | 160-2 | 120      | 100      | 97       | 106      | 11.95  | cps   |
| Holmium    | 165-1 | 19989458 | 19833815 | 20031559 | 19951611 | 0.52   | cps   |
| Holmium    | 165-2 | 10332704 | 10328792 | 10346608 | 10336035 | 0.09   | cps   |
| Indium     | 115-1 | 16879312 | 16825325 | 16868125 | 16857587 | 0.17   | cps   |
| Indium     | 115-2 | 3220853  | 3207184  | 3230949  | 3219662  | 0.37   | cps   |
| Iron       | 56-2  | 74473    | 72791    | 84808    | 77357    | 8.41   | cps   |
| Iron       | 57-2  | 2072     | 2178     | 2278     | 2176     | 4.72   | cps   |
| Lead       | 206-1 | 10744    | 10816    | 10260    | 10606    | 2.85   | cps   |
| Lead       | 207-1 | 9165     | 8620     | 9087     | 8957     | 3.29   | cps   |
| Lead       | 208-1 | 42350    | 41632    | 41554    | 41845    | 1.05   | cps   |
| Lithium    | 6-1   | 3008864  | 3004752  | 2995504  | 3003040  | 0.23   | cps   |
| Magnesium  | 24-2  | 271550   | 271541   | 271819   | 271637   | 0.06   | cps   |
| Manganese  | 55-2  | 28792    | 27887    | 27766    | 28148    | 1.99   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-10             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-10-FL1-BRG-W1-B | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 13:59:40  | DataFile Name :   | 032SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1634     | 1367     | 1961     | 1654     | 17.99  | cps   |
| Molybdenum | 95-1  | 650      | 758      | 817      | 742      | 11.40  | cps   |
| Molybdenum | 96-1  | 975      | 1000     | 1067     | 1014     | 4.67   | cps   |
| Molybdenum | 97-1  | 400      | 433      | 350      | 394      | 10.63  | cps   |
| Molybdenum | 98-1  | 1192     | 958      | 1308     | 1153     | 15.46  | cps   |
| Neodymium  | 150-1 | 73       | 27       | 27       | 42       | 63.81  | cps   |
| Neodymium  | 150-2 | 27       | 17       | 17       | 20       | 28.86  | cps   |
| Nickel     | 60-2  | 4101     | 4441     | 4071     | 4204     | 4.89   | cps   |
| Phosphorus | 31-2  | 3326     | 3367     | 3392     | 3362     | 1.00   | cps   |
| Potassium  | 39-2  | 132621   | 132386   | 132326   | 132444   | 0.12   | cps   |
| Rhodium    | 103-1 | 15445528 | 15381236 | 15457186 | 15427983 | 0.27   | cps   |
| Rhodium    | 103-2 | 7615298  | 7616718  | 7593873  | 7608630  | 0.17   | cps   |
| Scandium   | 45-1  | 10147848 | 10075567 | 10085935 | 10103117 | 0.39   | cps   |
| Scandium   | 45-2  | 428290   | 425634   | 425937   | 426620   | 0.34   | cps   |
| Selenium   | 77-2  | 7        | 0        | 0        | 2        | 173.21 | cps   |
| Selenium   | 78-2  | 56       | 48       | 57       | 54       | 9.12   | cps   |
| Selenium   | 82-1  | 73       | 17       | 151      | 80       | 84.35  | cps   |
| Silicon    | 28-1  | 5713104  | 5676871  | 5656335  | 5682103  | 0.51   | cps   |
| Silver     | 109-1 | 242      | 358      | 242      | 281      | 24.01  | cps   |
| Silver     | 107-1 | 267      | 325      | 258      | 283      | 12.82  | cps   |
| Sodium     | 23-2  | 4022122  | 4023749  | 4039562  | 4028478  | 0.24   | cps   |
| Strontium  | 86-1  | 68841    | 68506    | 69368    | 68905    | 0.63   | cps   |
| Strontium  | 88-1  | 603335   | 593993   | 586721   | 594683   | 1.40   | cps   |
| Sulfur     | 34-1  | 310116   | 308697   | 309628   | 309480   | 0.23   | cps   |
| Terbium    | 159-1 | 21026308 | 20875769 | 20913676 | 20938584 | 0.37   | cps   |
| Terbium    | 159-2 | 10435070 | 10426927 | 10417628 | 10426542 | 0.08   | cps   |
| Thallium   | 203-1 | 400      | 350      | 433      | 394      | 10.63  | cps   |
| Thallium   | 205-1 | 950      | 867      | 850      | 889      | 6.03   | cps   |
| Tin        | 118-1 | 867      | 983      | 933      | 928      | 6.31   | cps   |
| Titanium   | 47-1  | 775      | 700      | 717      | 731      | 5.39   | cps   |
| Uranium    | 238-1 | 700      | 550      | 617      | 622      | 12.08  | cps   |
| Vanadium   | 51-2  | 213      | 133      | 153      | 167      | 24.98  | cps   |
| Yttrium    | 89-1  | 17511675 | 17219866 | 17274401 | 17335314 | 0.89   | cps   |
| Yttrium    | 89-2  | 2440176  | 2413724  | 2442704  | 2432201  | 0.66   | cps   |
| Zinc       | 66-2  | 36573    | 36412    | 37117    | 36701    | 1.01   | cps   |
| Zirconium  | 90-1  | 3117     | 2817     | 2659     | 2864     | 8.13   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-10             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-10-FL1-BRG-W1-B | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 13:59:40  | DataFile Name :   | 032SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 517  | 550  | 617  | 561     | 9.07   | cps   |



LB Number : LB91543 Operator : Jaswal  
 Lab Sample ID : I6356-11 Instrumnet Name : P7  
 Client Sample ID : KAJT-11-FL1-BRG-W1-B Dilution Factor : 1  
 Date & Time Acquired :: 2017-11-10 14:03:12 DataFile Name : 033SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1000     | 925      | 884      | 936      | 6.31   | cps   |
| Antimony   | 121-1 | 1584     | 1700     | 1592     | 1625     | 4.00   | cps   |
| Arsenic    | 75-2  | 148      | 143      | 152      | 148      | 3.16   | cps   |
| Barium     | 135-1 | 38780    | 38053    | 38471    | 38435    | 0.95   | cps   |
| Barium     | 137-1 | 69232    | 67373    | 65840    | 67482    | 2.52   | cps   |
| Beryllium  | 9-1   | 106      | 100      | 100      | 102      | 3.15   | cps   |
| Bismuth    | 209-1 | 13184766 | 13014373 | 13044807 | 13081316 | 0.69   | cps   |
| Bismuth    | 209-2 | 7801152  | 7746030  | 7731172  | 7759451  | 0.48   | cps   |
| Boron      | 10-1  | 1200     | 1167     | 1217     | 1195     | 2.13   | cps   |
| Boron      | 11-1  | 6418     | 6468     | 6627     | 6504     | 1.67   | cps   |
| Cadmium    | 111-1 | 3121     | 3232     | 3043     | 3132     | 3.03   | cps   |
| Cadmium    | 106-1 | 3892     | 4034     | 3617     | 3848     | 5.51   | cps   |
| Cadmium    | 108-1 | 42       | 54       | 8        | 35       | 68.24  | cps   |
| Calcium    | 43-1  | 190496   | 189423   | 188582   | 189500   | 0.51   | cps   |
| Calcium    | 44-1  | 3101039  | 3073884  | 3068573  | 3081165  | 0.57   | cps   |
| Chromium   | 52-2  | 1503     | 1647     | 1473     | 1541     | 6.01   | cps   |
| Cobalt     | 59-2  | 183      | 163      | 220      | 189      | 15.22  | cps   |
| Copper     | 63-2  | 358475   | 358425   | 360653   | 359184   | 0.35   | cps   |
| Dysprosium | 156-1 | 83       | 8        | 42       | 44       | 84.56  | cps   |
| Dysprosium | 156-2 | 10       | 27       | 27       | 21       | 45.58  | cps   |
| Erbium     | 164-1 | 108      | 158      | 125      | 131      | 19.50  | cps   |
| Erbium     | 164-2 | 60       | 40       | 40       | 47       | 24.74  | cps   |
| Gadolinium | 160-1 | 150      | 100      | 75       | 108      | 35.25  | cps   |
| Gadolinium | 160-2 | 120      | 97       | 80       | 99       | 20.32  | cps   |
| Holmium    | 165-1 | 20048967 | 19786731 | 19803187 | 19879628 | 0.74   | cps   |
| Holmium    | 165-2 | 10289559 | 10230901 | 10262137 | 10260865 | 0.29   | cps   |
| Indium     | 115-1 | 16774615 | 16757030 | 16706291 | 16745978 | 0.21   | cps   |
| Indium     | 115-2 | 3197110  | 3197251  | 3189288  | 3194549  | 0.14   | cps   |
| Iron       | 56-2  | 70938    | 72345    | 87902    | 77062    | 12.22  | cps   |
| Iron       | 57-2  | 1950     | 2017     | 1939     | 1969     | 2.14   | cps   |
| Lead       | 206-1 | 5651     | 6046     | 5946     | 5881     | 3.49   | cps   |
| Lead       | 207-1 | 5507     | 5223     | 5396     | 5375     | 2.66   | cps   |
| Lead       | 208-1 | 24065    | 24215    | 24465    | 24248    | 0.83   | cps   |
| Lithium    | 6-1   | 2983990  | 2972432  | 2945316  | 2967246  | 0.67   | cps   |
| Magnesium  | 24-2  | 269083   | 270218   | 264919   | 268073   | 1.04   | cps   |
| Manganese  | 55-2  | 28120    | 28327    | 27239    | 27896    | 2.07   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-11             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-11-FL1-BRG-W1-B | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 14:03:12  | DataFile Name :   | 033SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Molybdenum | 94-1  | 1483     | 1308     | 1233     | 1342     | 9.56    | cps   |
| Molybdenum | 95-1  | 658      | 650      | 592      | 633      | 5.74    | cps   |
| Molybdenum | 96-1  | 958      | 942      | 683      | 861      | 17.91   | cps   |
| Molybdenum | 97-1  | 483      | 417      | 383      | 428      | 11.90   | cps   |
| Molybdenum | 98-1  | 967      | 1125     | 1033     | 1042     | 7.63    | cps   |
| Neodymium  | 150-1 | 33       | 67       | 73       | 58       | 37.10   | cps   |
| Neodymium  | 150-2 | 7        | 13       | 10       | 10       | 33.30   | cps   |
| Nickel     | 60-2  | 1220     | 1240     | 1313     | 1258     | 3.91    | cps   |
| Phosphorus | 31-2  | 3267     | 3301     | 2992     | 3187     | 5.31    | cps   |
| Potassium  | 39-2  | 129032   | 130798   | 133436   | 131088   | 1.69    | cps   |
| Rhodium    | 103-1 | 15453583 | 15388433 | 15327316 | 15389777 | 0.41    | cps   |
| Rhodium    | 103-2 | 7617017  | 7513294  | 7577160  | 7569157  | 0.69    | cps   |
| Scandium   | 45-1  | 9953880  | 10016039 | 9968310  | 9979410  | 0.33    | cps   |
| Scandium   | 45-2  | 422466   | 420846   | 421934   | 421749   | 0.20    | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00    | cps   |
| Selenium   | 78-2  | 70       | 76       | 67       | 71       | 6.57    | cps   |
| Selenium   | 82-1  | 34       | -66      | -18      | -17      | -303.03 | cps   |
| Silicon    | 28-1  | 5637022  | 5597720  | 5581342  | 5605361  | 0.51    | cps   |
| Silver     | 109-1 | 200      | 225      | 167      | 197      | 14.84   | cps   |
| Silver     | 107-1 | 325      | 350      | 267      | 314      | 13.62   | cps   |
| Sodium     | 23-2  | 3963628  | 3969086  | 3932136  | 3954950  | 0.50    | cps   |
| Strontium  | 86-1  | 69913    | 69511    | 67810    | 69078    | 1.62    | cps   |
| Strontium  | 88-1  | 595497   | 596980   | 584221   | 592233   | 1.18    | cps   |
| Sulfur     | 34-1  | 311818   | 314158   | 310609   | 312195   | 0.58    | cps   |
| Terbium    | 159-1 | 20946351 | 20909593 | 20711106 | 20855683 | 0.61    | cps   |
| Terbium    | 159-2 | 10341661 | 10294734 | 10337682 | 10324692 | 0.25    | cps   |
| Thallium   | 203-1 | 392      | 400      | 325      | 372      | 11.04   | cps   |
| Thallium   | 205-1 | 942      | 692      | 817      | 817      | 15.31   | cps   |
| Tin        | 118-1 | 892      | 975      | 917      | 928      | 4.62    | cps   |
| Titanium   | 47-1  | 792      | 633      | 817      | 747      | 13.31   | cps   |
| Uranium    | 238-1 | 625      | 575      | 517      | 572      | 9.48    | cps   |
| Vanadium   | 51-2  | 127      | 180      | 180      | 162      | 18.98   | cps   |
| Yttrium    | 89-1  | 17220431 | 17239349 | 16988568 | 17149449 | 0.81    | cps   |
| Yttrium    | 89-2  | 2407009  | 2407311  | 2407248  | 2407189  | 0.01    | cps   |
| Zinc       | 66-2  | 34558    | 33716    | 34601    | 34291    | 1.46    | cps   |
| Zirconium  | 90-1  | 2709     | 2409     | 2467     | 2528     | 6.29    | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-11             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-11-FL1-BRG-W1-B | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 14:03:12  | DataFile Name :   | 033SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 608  | 600  | 417  | 542     | 20.00  | cps   |

LB Number : LB91543 Operator : Jaswal  
 Lab Sample ID : I6356-12 Instrumnet Name : P7  
 Client Sample ID : KAJT-12-FL1-BRG-W1-B Dilution Factor : 1  
 Date & Time Acquired :: 2017-11-10 14:06:44 DataFile Name : 034SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 883      | 642      | 892      | 806      | 17.64  | cps   |
| Antimony   | 121-1 | 1242     | 1417     | 1450     | 1370     | 8.17   | cps   |
| Arsenic    | 75-2  | 137      | 109      | 148      | 131      | 15.24  | cps   |
| Barium     | 135-1 | 39098    | 38964    | 38588    | 38883    | 0.68   | cps   |
| Barium     | 137-1 | 68771    | 67238    | 67080    | 67696    | 1.38   | cps   |
| Beryllium  | 9-1   | 111      | 78       | 100      | 96       | 17.62  | cps   |
| Bismuth    | 209-1 | 13195220 | 13108720 | 13088923 | 13130954 | 0.43   | cps   |
| Bismuth    | 209-2 | 7785594  | 7845881  | 7811204  | 7814226  | 0.39   | cps   |
| Boron      | 10-1  | 1275     | 1183     | 1175     | 1211     | 4.58   | cps   |
| Boron      | 11-1  | 6152     | 5835     | 6010     | 5999     | 2.65   | cps   |
| Cadmium    | 111-1 | 3435     | 3128     | 2697     | 3086     | 12.01  | cps   |
| Cadmium    | 106-1 | 4284     | 3859     | 3359     | 3834     | 12.08  | cps   |
| Cadmium    | 108-1 | 50       | 46       | 42       | 46       | 9.09   | cps   |
| Calcium    | 43-1  | 193448   | 190748   | 188410   | 190869   | 1.32   | cps   |
| Calcium    | 44-1  | 3119873  | 3072363  | 3045885  | 3079374  | 1.22   | cps   |
| Chromium   | 52-2  | 1477     | 1477     | 1507     | 1487     | 1.16   | cps   |
| Cobalt     | 59-2  | 187      | 217      | 170      | 191      | 12.37  | cps   |
| Copper     | 63-2  | 356374   | 354257   | 357946   | 356192   | 0.52   | cps   |
| Dysprosium | 156-1 | 58       | 33       | 58       | 50       | 28.88  | cps   |
| Dysprosium | 156-2 | 20       | 37       | 17       | 24       | 43.83  | cps   |
| Erbium     | 164-1 | 117      | 133      | 58       | 103      | 38.31  | cps   |
| Erbium     | 164-2 | 53       | 60       | 23       | 46       | 42.88  | cps   |
| Gadolinium | 160-1 | 100      | 117      | 67       | 94       | 26.96  | cps   |
| Gadolinium | 160-2 | 90       | 67       | 83       | 80       | 15.02  | cps   |
| Holmium    | 165-1 | 19969645 | 19940236 | 19742447 | 19884109 | 0.62   | cps   |
| Holmium    | 165-2 | 10344030 | 10350824 | 10272460 | 10322438 | 0.42   | cps   |
| Indium     | 115-1 | 16918982 | 16743785 | 16683802 | 16782190 | 0.73   | cps   |
| Indium     | 115-2 | 3178012  | 3184175  | 3183495  | 3181894  | 0.11   | cps   |
| Iron       | 56-2  | 76156    | 72047    | 71162    | 73121    | 3.64   | cps   |
| Iron       | 57-2  | 2162     | 2139     | 2006     | 2102     | 4.01   | cps   |
| Lead       | 206-1 | 5440     | 5407     | 5796     | 5548     | 3.89   | cps   |
| Lead       | 207-1 | 4456     | 4184     | 4562     | 4401     | 4.43   | cps   |
| Lead       | 208-1 | 21002    | 20607    | 21146    | 20918    | 1.33   | cps   |
| Lithium    | 6-1   | 2992215  | 2987059  | 2975345  | 2984873  | 0.29   | cps   |
| Magnesium  | 24-2  | 268208   | 268866   | 271287   | 269454   | 0.60   | cps   |
| Manganese  | 55-2  | 27108    | 27703    | 28020    | 27611    | 1.68   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-12             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-12-FL1-BRG-W1-B | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 14:06:44  | DataFile Name :   | 034SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1033     | 1058     | 1083     | 1058     | 2.36   | cps   |
| Molybdenum | 95-1  | 633      | 625      | 492      | 583      | 13.63  | cps   |
| Molybdenum | 96-1  | 742      | 733      | 625      | 700      | 9.30   | cps   |
| Molybdenum | 97-1  | 300      | 275      | 392      | 322      | 19.06  | cps   |
| Molybdenum | 98-1  | 867      | 1050     | 875      | 931      | 11.13  | cps   |
| Neodymium  | 150-1 | 40       | 67       | 33       | 47       | 37.79  | cps   |
| Neodymium  | 150-2 | 7        | 10       | 3        | 7        | 50.03  | cps   |
| Nickel     | 60-2  | 1220     | 1057     | 1127     | 1135     | 7.22   | cps   |
| Phosphorus | 31-2  | 3167     | 3125     | 3192     | 3162     | 1.07   | cps   |
| Potassium  | 39-2  | 131377   | 129696   | 131654   | 130909   | 0.81   | cps   |
| Rhodium    | 103-1 | 15492416 | 15421446 | 15249517 | 15387793 | 0.81   | cps   |
| Rhodium    | 103-2 | 7584591  | 7540490  | 7542804  | 7555962  | 0.33   | cps   |
| Scandium   | 45-1  | 10078590 | 9988128  | 9956823  | 10007847 | 0.63   | cps   |
| Scandium   | 45-2  | 419895   | 422175   | 422624   | 421565   | 0.35   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 57       | 65       | 74       | 65       | 12.76  | cps   |
| Selenium   | 82-1  | 52       | 61       | 28       | 47       | 35.81  | cps   |
| Silicon    | 28-1  | 5637445  | 5703288  | 5554857  | 5631863  | 1.32   | cps   |
| Silver     | 109-1 | 292      | 233      | 183      | 236      | 22.96  | cps   |
| Silver     | 107-1 | 383      | 283      | 300      | 322      | 16.63  | cps   |
| Sodium     | 23-2  | 3956663  | 3990132  | 3949570  | 3965455  | 0.55   | cps   |
| Strontium  | 86-1  | 68113    | 68682    | 68673    | 68489    | 0.48   | cps   |
| Strontium  | 88-1  | 590658   | 597421   | 587298   | 591792   | 0.87   | cps   |
| Sulfur     | 34-1  | 314702   | 314742   | 307382   | 312276   | 1.36   | cps   |
| Terbium    | 159-1 | 21002456 | 20900526 | 20715420 | 20872801 | 0.70   | cps   |
| Terbium    | 159-2 | 10444154 | 10422591 | 10443408 | 10436718 | 0.12   | cps   |
| Thallium   | 203-1 | 308      | 350      | 408      | 356      | 14.13  | cps   |
| Thallium   | 205-1 | 625      | 750      | 925      | 767      | 19.66  | cps   |
| Tin        | 118-1 | 817      | 825      | 1109     | 917      | 18.13  | cps   |
| Titanium   | 47-1  | 817      | 733      | 608      | 719      | 14.58  | cps   |
| Uranium    | 238-1 | 517      | 558      | 558      | 544      | 4.42   | cps   |
| Vanadium   | 51-2  | 133      | 180      | 160      | 158      | 14.84  | cps   |
| Yttrium    | 89-1  | 17274887 | 17226686 | 17031742 | 17177771 | 0.75   | cps   |
| Yttrium    | 89-2  | 2399210  | 2406538  | 2419423  | 2408390  | 0.42   | cps   |
| Zinc       | 66-2  | 33829    | 33652    | 34233    | 33905    | 0.88   | cps   |
| Zirconium  | 90-1  | 2284     | 2292     | 2200     | 2259     | 2.25   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-12             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-12-FL1-BRG-W1-B | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 14:06:44  | DataFile Name :   | 034SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 400  | 467  | 483  | 450     | 9.80   | cps   |

LB Number : LB91543 Operator : Jaswal  
 Lab Sample ID : I6356-13 Instrumnet Name : P7  
 Client Sample ID : KAJT-13-FL1-BRB-W3-F Dilution Factor : 1  
 Date & Time Acquired :: 2017-11-10 14:10:16 DataFile Name : 035SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 683      | 708      | 558      | 650      | 12.36  | cps   |
| Antimony   | 121-1 | 1508     | 1475     | 2025     | 1670     | 18.47  | cps   |
| Arsenic    | 75-2  | 178      | 135      | 126      | 146      | 18.90  | cps   |
| Barium     | 135-1 | 39825    | 39014    | 38345    | 39062    | 1.90   | cps   |
| Barium     | 137-1 | 69215    | 68578    | 69315    | 69036    | 0.58   | cps   |
| Beryllium  | 9-1   | 94       | 117      | 72       | 94       | 23.53  | cps   |
| Bismuth    | 209-1 | 13049733 | 12942859 | 13001095 | 12997896 | 0.41   | cps   |
| Bismuth    | 209-2 | 7699252  | 7693588  | 7695842  | 7696227  | 0.04   | cps   |
| Boron      | 10-1  | 1258     | 1275     | 1508     | 1347     | 10.38  | cps   |
| Boron      | 11-1  | 5901     | 5835     | 6502     | 6079     | 6.04   | cps   |
| Cadmium    | 111-1 | 2903     | 2653     | 2901     | 2819     | 5.11   | cps   |
| Cadmium    | 106-1 | 3934     | 3517     | 3867     | 3773     | 5.93   | cps   |
| Cadmium    | 108-1 | 25       | 38       | 8        | 24       | 61.98  | cps   |
| Calcium    | 43-1  | 192898   | 190057   | 188427   | 190461   | 1.19   | cps   |
| Calcium    | 44-1  | 3114099  | 3106480  | 3104187  | 3108255  | 0.17   | cps   |
| Chromium   | 52-2  | 1367     | 1443     | 1397     | 1402     | 2.76   | cps   |
| Cobalt     | 59-2  | 167      | 163      | 180      | 170      | 5.19   | cps   |
| Copper     | 63-2  | 537823   | 540846   | 536474   | 538381   | 0.42   | cps   |
| Dysprosium | 156-1 | 33       | 50       | 42       | 42       | 20.00  | cps   |
| Dysprosium | 156-2 | 33       | 23       | 23       | 27       | 21.65  | cps   |
| Erbium     | 164-1 | 75       | 50       | 67       | 64       | 19.92  | cps   |
| Erbium     | 164-2 | 57       | 47       | 37       | 47       | 21.43  | cps   |
| Gadolinium | 160-1 | 125      | 108      | 150      | 128      | 16.41  | cps   |
| Gadolinium | 160-2 | 67       | 113      | 113      | 98       | 27.56  | cps   |
| Holmium    | 165-1 | 19817674 | 19613721 | 19606225 | 19679207 | 0.61   | cps   |
| Holmium    | 165-2 | 10199332 | 10117093 | 10152478 | 10156301 | 0.41   | cps   |
| Indium     | 115-1 | 16747744 | 16665271 | 16637435 | 16683483 | 0.34   | cps   |
| Indium     | 115-2 | 3164068  | 3165590  | 3162727  | 3164128  | 0.05   | cps   |
| Iron       | 56-2  | 57179    | 56955    | 56487    | 56874    | 0.62   | cps   |
| Iron       | 57-2  | 1906     | 1911     | 1795     | 1871     | 3.52   | cps   |
| Lead       | 206-1 | 6769     | 6552     | 6752     | 6691     | 1.80   | cps   |
| Lead       | 207-1 | 6057     | 5640     | 5724     | 5807     | 3.80   | cps   |
| Lead       | 208-1 | 27473    | 26356    | 27056    | 26962    | 2.09   | cps   |
| Lithium    | 6-1   | 2982983  | 2987034  | 2971721  | 2980579  | 0.27   | cps   |
| Magnesium  | 24-2  | 269022   | 269973   | 272821   | 270605   | 0.73   | cps   |
| Manganese  | 55-2  | 19884    | 20127    | 19526    | 19846    | 1.52   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-13             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-13-FL1-BRB-W3-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 14:10:16  | DataFile Name :   | 035SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1008     | 1167     | 950      | 1042     | 10.76  | cps   |
| Molybdenum | 95-1  | 650      | 592      | 525      | 589      | 10.62  | cps   |
| Molybdenum | 96-1  | 575      | 508      | 675      | 586      | 14.31  | cps   |
| Molybdenum | 97-1  | 358      | 250      | 325      | 311      | 17.84  | cps   |
| Molybdenum | 98-1  | 817      | 1025     | 750      | 864      | 16.61  | cps   |
| Neodymium  | 150-1 | 40       | 33       | 53       | 42       | 24.13  | cps   |
| Neodymium  | 150-2 | 3        | 7        | 10       | 7        | 50.03  | cps   |
| Nickel     | 60-2  | 3751     | 3651     | 3644     | 3682     | 1.62   | cps   |
| Phosphorus | 31-2  | 3192     | 3209     | 2967     | 3123     | 4.32   | cps   |
| Potassium  | 39-2  | 132402   | 131815   | 132839   | 132352   | 0.39   | cps   |
| Rhodium    | 103-1 | 15329128 | 15270952 | 15254087 | 15284723 | 0.26   | cps   |
| Rhodium    | 103-2 | 7564621  | 7550493  | 7530476  | 7548530  | 0.23   | cps   |
| Scandium   | 45-1  | 10008389 | 9985124  | 9960699  | 9984737  | 0.24   | cps   |
| Scandium   | 45-2  | 423552   | 420513   | 422790   | 422285   | 0.37   | cps   |
| Selenium   | 77-2  | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 72       | 63       | 54       | 63       | 14.71  | cps   |
| Selenium   | 82-1  | 48       | 23       | 48       | 40       | 35.67  | cps   |
| Silicon    | 28-1  | 5695094  | 5657521  | 5588977  | 5647197  | 0.95   | cps   |
| Silver     | 109-1 | 217      | 267      | 200      | 228      | 15.23  | cps   |
| Silver     | 107-1 | 342      | 175      | 200      | 239      | 37.62  | cps   |
| Sodium     | 23-2  | 4031182  | 4023987  | 4033524  | 4029565  | 0.12   | cps   |
| Strontium  | 86-1  | 69317    | 69904    | 67099    | 68774    | 2.15   | cps   |
| Strontium  | 88-1  | 603905   | 590331   | 593989   | 596075   | 1.18   | cps   |
| Sulfur     | 34-1  | 315993   | 315603   | 312310   | 314635   | 0.64   | cps   |
| Terbium    | 159-1 | 20895695 | 20647438 | 20699308 | 20747480 | 0.63   | cps   |
| Terbium    | 159-2 | 10307788 | 10257036 | 10316400 | 10293741 | 0.31   | cps   |
| Thallium   | 203-1 | 233      | 250      | 250      | 244      | 3.94   | cps   |
| Thallium   | 205-1 | 567      | 625      | 567      | 586      | 5.75   | cps   |
| Tin        | 118-1 | 767      | 808      | 850      | 808      | 5.15   | cps   |
| Titanium   | 47-1  | 625      | 625      | 550      | 600      | 7.22   | cps   |
| Uranium    | 238-1 | 467      | 500      | 542      | 503      | 7.47   | cps   |
| Vanadium   | 51-2  | 150      | 150      | 123      | 141      | 10.91  | cps   |
| Yttrium    | 89-1  | 17236518 | 17047772 | 17041808 | 17108699 | 0.65   | cps   |
| Yttrium    | 89-2  | 2409686  | 2401886  | 2392764  | 2401445  | 0.35   | cps   |
| Zinc       | 66-2  | 35313    | 34424    | 34608    | 34782    | 1.35   | cps   |
| Zirconium  | 90-1  | 2125     | 2025     | 1900     | 2017     | 5.59   | cps   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-13             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-13-FL1-BRB-W3-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 14:10:16  | DataFile Name :   | 035SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 525  | 375  | 483  | 461     | 16.79  | cps   |

LB Number : LB91543 Operator : Jaswal  
 Lab Sample ID : I6356-14 Instrumnet Name : P7  
 Client Sample ID : KAJT-14-FL1-BRB-W3-F Dilution Factor : 1  
 Date & Time Acquired :: 2017-11-10 14:13:48 DataFile Name : 036SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 742      | 792      | 692      | 742      | 6.74   | cps   |
| Antimony   | 121-1 | 1133     | 1108     | 1142     | 1128     | 1.54   | cps   |
| Arsenic    | 75-2  | 154      | 102      | 167      | 141      | 24.37  | cps   |
| Barium     | 135-1 | 38145    | 37827    | 37861    | 37944    | 0.46   | cps   |
| Barium     | 137-1 | 67088    | 64190    | 66092    | 65790    | 2.24   | cps   |
| Beryllium  | 9-1   | 56       | 83       | 72       | 70       | 19.87  | cps   |
| Bismuth    | 209-1 | 13056467 | 12968037 | 12782519 | 12935675 | 1.08   | cps   |
| Bismuth    | 209-2 | 7659386  | 7638786  | 7602325  | 7633499  | 0.38   | cps   |
| Boron      | 10-1  | 1167     | 1258     | 1242     | 1222     | 4.00   | cps   |
| Boron      | 11-1  | 5935     | 5885     | 5668     | 5829     | 2.43   | cps   |
| Cadmium    | 111-1 | 3050     | 3084     | 2968     | 3034     | 1.97   | cps   |
| Cadmium    | 106-1 | 3992     | 4034     | 3867     | 3965     | 2.19   | cps   |
| Cadmium    | 108-1 | 17       | 33       | 21       | 24       | 36.73  | cps   |
| Calcium    | 43-1  | 190622   | 190284   | 187430   | 189446   | 0.93   | cps   |
| Calcium    | 44-1  | 3089151  | 3088405  | 3050869  | 3076142  | 0.71   | cps   |
| Chromium   | 52-2  | 1550     | 1657     | 1603     | 1603     | 3.33   | cps   |
| Cobalt     | 59-2  | 150      | 183      | 217      | 183      | 18.18  | cps   |
| Copper     | 63-2  | 289617   | 290749   | 290721   | 290362   | 0.22   | cps   |
| Dysprosium | 156-1 | 67       | 50       | 42       | 53       | 24.12  | cps   |
| Dysprosium | 156-2 | 13       | 30       | 33       | 26       | 41.94  | cps   |
| Erbium     | 164-1 | 142      | 58       | 108      | 103      | 40.81  | cps   |
| Erbium     | 164-2 | 57       | 60       | 33       | 50       | 29.06  | cps   |
| Gadolinium | 160-1 | 108      | 142      | 92       | 114      | 22.36  | cps   |
| Gadolinium | 160-2 | 110      | 113      | 77       | 100      | 20.28  | cps   |
| Holmium    | 165-1 | 19684434 | 19586094 | 19392568 | 19554365 | 0.76   | cps   |
| Holmium    | 165-2 | 10139310 | 10038980 | 10014545 | 10064278 | 0.66   | cps   |
| Indium     | 115-1 | 16622375 | 16615422 | 16439525 | 16559107 | 0.63   | cps   |
| Indium     | 115-2 | 3127091  | 3130379  | 3136695  | 3131389  | 0.16   | cps   |
| Iron       | 56-2  | 68024    | 69799    | 70161    | 69328    | 1.65   | cps   |
| Iron       | 57-2  | 1934     | 2078     | 2011     | 2008     | 3.60   | cps   |
| Lead       | 206-1 | 4056     | 4012     | 3734     | 3934     | 4.44   | cps   |
| Lead       | 207-1 | 3256     | 3456     | 3262     | 3325     | 3.43   | cps   |
| Lead       | 208-1 | 15676    | 15815    | 15221    | 15571    | 2.00   | cps   |
| Lithium    | 6-1   | 3002908  | 2968149  | 2943799  | 2971619  | 1.00   | cps   |
| Magnesium  | 24-2  | 268308   | 270651   | 264689   | 267883   | 1.12   | cps   |
| Manganese  | 55-2  | 27963    | 27316    | 27519    | 27599    | 1.20   | cps   |

LB Number : LB91543 Operator : Jaswal  
 Lab Sample ID : I6356-14 Instrumnet Name : P7  
 Client Sample ID : KAJT-14-FL1-BRB-W3-F Dilution Factor : 1  
 Date & Time Acquired :: 2017-11-10 14:13:48 DataFile Name : 036SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1100     | 1042     | 917      | 1020     | 9.19   | cps   |
| Molybdenum | 95-1  | 517      | 442      | 408      | 456      | 12.18  | cps   |
| Molybdenum | 96-1  | 608      | 625      | 583      | 606      | 3.46   | cps   |
| Molybdenum | 97-1  | 275      | 317      | 383      | 325      | 16.81  | cps   |
| Molybdenum | 98-1  | 700      | 825      | 783      | 770      | 8.27   | cps   |
| Neodymium  | 150-1 | 33       | 33       | 20       | 29       | 26.66  | cps   |
| Neodymium  | 150-2 | 13       | 7        | 17       | 12       | 41.65  | cps   |
| Nickel     | 60-2  | 530      | 467      | 617      | 538      | 14.00  | cps   |
| Phosphorus | 31-2  | 3200     | 3000     | 3117     | 3106     | 3.24   | cps   |
| Potassium  | 39-2  | 129957   | 129242   | 129931   | 129710   | 0.31   | cps   |
| Rhodium    | 103-1 | 15219313 | 15060039 | 14996634 | 15091995 | 0.76   | cps   |
| Rhodium    | 103-2 | 7453875  | 7416804  | 7431584  | 7434088  | 0.25   | cps   |
| Scandium   | 45-1  | 10025567 | 9968343  | 9890471  | 9961461  | 0.68   | cps   |
| Scandium   | 45-2  | 420338   | 415207   | 417809   | 417785   | 0.61   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 63       | 80       | 63       | 69       | 14.05  | cps   |
| Selenium   | 82-1  | 30       | 88       | -27      | 30       | 188.91 | cps   |
| Silicon    | 28-1  | 5610128  | 5519637  | 5515174  | 5548313  | 0.97   | cps   |
| Silver     | 109-1 | 175      | 233      | 217      | 208      | 14.42  | cps   |
| Silver     | 107-1 | 308      | 317      | 283      | 303      | 5.73   | cps   |
| Sodium     | 23-2  | 3958037  | 3958444  | 3936112  | 3950865  | 0.32   | cps   |
| Strontium  | 86-1  | 67928    | 69276    | 67961    | 68388    | 1.12   | cps   |
| Strontium  | 88-1  | 590431   | 581691   | 577099   | 583074   | 1.16   | cps   |
| Sulfur     | 34-1  | 316256   | 314913   | 313500   | 314890   | 0.44   | cps   |
| Terbium    | 159-1 | 20822540 | 20525392 | 20455492 | 20601141 | 0.95   | cps   |
| Terbium    | 159-2 | 10250440 | 10189381 | 10170756 | 10203526 | 0.41   | cps   |
| Thallium   | 203-1 | 192      | 200      | 175      | 189      | 6.74   | cps   |
| Thallium   | 205-1 | 600      | 758      | 642      | 667      | 12.31  | cps   |
| Tin        | 118-1 | 708      | 667      | 817      | 731      | 10.60  | cps   |
| Titanium   | 47-1  | 783      | 625      | 650      | 686      | 12.41  | cps   |
| Uranium    | 238-1 | 617      | 483      | 533      | 544      | 12.37  | cps   |
| Vanadium   | 51-2  | 193      | 147      | 197      | 179      | 15.63  | cps   |
| Yttrium    | 89-1  | 17097919 | 17010149 | 16746031 | 16951367 | 1.08   | cps   |
| Yttrium    | 89-2  | 2377006  | 2382647  | 2367055  | 2375569  | 0.33   | cps   |
| Zinc       | 66-2  | 31518    | 30946    | 31808    | 31424    | 1.40   | cps   |
| Zirconium  | 90-1  | 2092     | 1875     | 2025     | 1997     | 5.56   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-14             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-14-FL1-BRB-W3-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 14:13:48  | DataFile Name :   | 036SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 442  | 500  | 408  | 450     | 10.31  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-15             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-15-FL1-BRB-W3-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 14:17:20  | DataFile Name :   | 037SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1151     | 858      | 717      | 909      | 24.35  | cps   |
| Antimony   | 121-1 | 1092     | 1250     | 1017     | 1120     | 10.64  | cps   |
| Arsenic    | 75-2  | 144      | 126      | 170      | 147      | 15.19  | cps   |
| Barium     | 135-1 | 38580    | 37368    | 38079    | 38009    | 1.60   | cps   |
| Barium     | 137-1 | 65430    | 66510    | 66016    | 65985    | 0.82   | cps   |
| Beryllium  | 9-1   | 78       | 78       | 83       | 80       | 4.03   | cps   |
| Bismuth    | 209-1 | 12921271 | 12888623 | 12960890 | 12923595 | 0.28   | cps   |
| Bismuth    | 209-2 | 7604173  | 7573740  | 7608021  | 7595311  | 0.25   | cps   |
| Boron      | 10-1  | 1225     | 1075     | 1217     | 1172     | 7.19   | cps   |
| Boron      | 11-1  | 5318     | 5860     | 5535     | 5571     | 4.90   | cps   |
| Cadmium    | 111-1 | 3088     | 3069     | 2950     | 3036     | 2.47   | cps   |
| Cadmium    | 106-1 | 4017     | 4009     | 3801     | 3942     | 3.11   | cps   |
| Cadmium    | 108-1 | 29       | 29       | 33       | 31       | 7.86   | cps   |
| Calcium    | 43-1  | 190579   | 187800   | 190957   | 189779   | 0.91   | cps   |
| Calcium    | 44-1  | 3091865  | 3044068  | 3039918  | 3058617  | 0.94   | cps   |
| Chromium   | 52-2  | 1530     | 1470     | 1590     | 1530     | 3.92   | cps   |
| Cobalt     | 59-2  | 170      | 180      | 143      | 164      | 11.52  | cps   |
| Copper     | 63-2  | 311610   | 309559   | 307457   | 309542   | 0.67   | cps   |
| Dysprosium | 156-1 | 25       | 33       | 50       | 36       | 35.25  | cps   |
| Dysprosium | 156-2 | 27       | 20       | 23       | 23       | 14.29  | cps   |
| Erbium     | 164-1 | 117      | 108      | 83       | 103      | 16.88  | cps   |
| Erbium     | 164-2 | 53       | 50       | 27       | 43       | 33.52  | cps   |
| Gadolinium | 160-1 | 150      | 125      | 175      | 150      | 16.67  | cps   |
| Gadolinium | 160-2 | 97       | 90       | 87       | 91       | 5.59   | cps   |
| Holmium    | 165-1 | 19576030 | 19711474 | 19575788 | 19621097 | 0.40   | cps   |
| Holmium    | 165-2 | 9999764  | 10092476 | 10049737 | 10047325 | 0.46   | cps   |
| Indium     | 115-1 | 16629199 | 16548061 | 16499188 | 16558816 | 0.40   | cps   |
| Indium     | 115-2 | 3135759  | 3130655  | 3125455  | 3130623  | 0.16   | cps   |
| Iron       | 56-2  | 65235    | 65351    | 70451    | 67013    | 4.44   | cps   |
| Iron       | 57-2  | 2128     | 1795     | 2262     | 2061     | 11.67  | cps   |
| Lead       | 206-1 | 3617     | 3489     | 3601     | 3569     | 1.95   | cps   |
| Lead       | 207-1 | 3323     | 3128     | 3028     | 3160     | 4.74   | cps   |
| Lead       | 208-1 | 14859    | 14303    | 14648    | 14604    | 1.92   | cps   |
| Lithium    | 6-1   | 3019495  | 2966570  | 2953856  | 2979974  | 1.17   | cps   |
| Magnesium  | 24-2  | 268148   | 267901   | 270908   | 268986   | 0.62   | cps   |
| Manganese  | 55-2  | 26487    | 26708    | 26080    | 26425    | 1.21   | cps   |

LB Number : LB91543 Operator : Jaswal  
 Lab Sample ID : I6356-15 Instrumnet Name : P7  
 Client Sample ID : KAJT-15-FL1-BRB-W3-F Dilution Factor : 1  
 Date & Time Acquired :: 2017-11-10 14:17:20 DataFile Name : 037SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 942      | 1042     | 1050     | 1011     | 5.96   | cps   |
| Molybdenum | 95-1  | 425      | 442      | 492      | 453      | 7.66   | cps   |
| Molybdenum | 96-1  | 575      | 550      | 625      | 583      | 6.55   | cps   |
| Molybdenum | 97-1  | 217      | 308      | 275      | 267      | 17.40  | cps   |
| Molybdenum | 98-1  | 617      | 725      | 675      | 672      | 8.07   | cps   |
| Neodymium  | 150-1 | 27       | 13       | 53       | 31       | 65.48  | cps   |
| Neodymium  | 150-2 | 13       | 10       | 10       | 11       | 17.30  | cps   |
| Nickel     | 60-2  | 423      | 430      | 503      | 452      | 9.82   | cps   |
| Phosphorus | 31-2  | 3384     | 3059     | 3059     | 3167     | 5.93   | cps   |
| Potassium  | 39-2  | 131251   | 130192   | 130848   | 130764   | 0.41   | cps   |
| Rhodium    | 103-1 | 15203970 | 15142423 | 15064732 | 15137042 | 0.46   | cps   |
| Rhodium    | 103-2 | 7439631  | 7457857  | 7446149  | 7447879  | 0.12   | cps   |
| Scandium   | 45-1  | 10001392 | 9905952  | 9929553  | 9945633  | 0.50   | cps   |
| Scandium   | 45-2  | 419813   | 417086   | 415075   | 417325   | 0.57   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 50       | 63       | 78       | 64       | 21.86  | cps   |
| Selenium   | 82-1  | 101      | 125      | -24      | 67       | 118.33 | cps   |
| Silicon    | 28-1  | 5610145  | 5573660  | 5538816  | 5574207  | 0.64   | cps   |
| Silver     | 109-1 | 267      | 242      | 217      | 242      | 10.34  | cps   |
| Silver     | 107-1 | 300      | 317      | 242      | 286      | 13.76  | cps   |
| Sodium     | 23-2  | 3961977  | 3961232  | 3933262  | 3952157  | 0.41   | cps   |
| Strontium  | 86-1  | 68372    | 67618    | 66973    | 67655    | 1.03   | cps   |
| Strontium  | 88-1  | 594954   | 586378   | 578541   | 586624   | 1.40   | cps   |
| Sulfur     | 34-1  | 318207   | 317863   | 317313   | 317794   | 0.14   | cps   |
| Terbium    | 159-1 | 20517520 | 20633438 | 20477255 | 20542738 | 0.39   | cps   |
| Terbium    | 159-2 | 10209262 | 10194522 | 10129992 | 10177926 | 0.41   | cps   |
| Thallium   | 203-1 | 242      | 292      | 325      | 286      | 14.66  | cps   |
| Thallium   | 205-1 | 675      | 742      | 550      | 656      | 14.84  | cps   |
| Tin        | 118-1 | 683      | 650      | 717      | 683      | 4.88   | cps   |
| Titanium   | 47-1  | 708      | 1042     | 900      | 884      | 18.97  | cps   |
| Uranium    | 238-1 | 608      | 467      | 608      | 561      | 14.58  | cps   |
| Vanadium   | 51-2  | 150      | 160      | 127      | 146      | 11.75  | cps   |
| Yttrium    | 89-1  | 17188451 | 16912881 | 16888760 | 16996697 | 0.98   | cps   |
| Yttrium    | 89-2  | 2383433  | 2374808  | 2370173  | 2376138  | 0.28   | cps   |
| Zinc       | 66-2  | 32219    | 31538    | 32146    | 31967    | 1.17   | cps   |
| Zirconium  | 90-1  | 1992     | 1784     | 1558     | 1778     | 12.19  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-15             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-15-FL1-BRB-W3-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 14:17:20  | DataFile Name :   | 037SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 367  | 375  | 358  | 367     | 2.27   | cps   |

LB Number : LB91543 Operator : Jaswal  
 Lab Sample ID : I6356-16 Instrumnet Name : P7  
 Client Sample ID : KAJT-16-FL1-BRB-W3-F Dilution Factor : 1  
 Date & Time Acquired :: 2017-11-10 14:20:53 DataFile Name : 038SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 808      | 825      | 792      | 808      | 2.06   | cps   |
| Antimony   | 121-1 | 842      | 850      | 1242     | 978      | 23.38  | cps   |
| Arsenic    | 75-2  | 128      | 137      | 124      | 130      | 5.15   | cps   |
| Barium     | 135-1 | 40051    | 39198    | 38446    | 39232    | 2.05   | cps   |
| Barium     | 137-1 | 69055    | 67423    | 68771    | 68416    | 1.27   | cps   |
| Beryllium  | 9-1   | 56       | 56       | 67       | 59       | 10.82  | cps   |
| Bismuth    | 209-1 | 12892791 | 12866384 | 12843994 | 12867723 | 0.19   | cps   |
| Bismuth    | 209-2 | 7616021  | 7582063  | 7618019  | 7605368  | 0.27   | cps   |
| Boron      | 10-1  | 967      | 1208     | 1167     | 1114     | 11.60  | cps   |
| Boron      | 11-1  | 5610     | 5726     | 5676     | 5671     | 1.03   | cps   |
| Cadmium    | 111-1 | 3126     | 3065     | 2847     | 3012     | 4.87   | cps   |
| Cadmium    | 106-1 | 4151     | 4142     | 3742     | 4012     | 5.82   | cps   |
| Cadmium    | 108-1 | 25       | 50       | 21       | 32       | 49.39  | cps   |
| Calcium    | 43-1  | 192463   | 189580   | 188004   | 190016   | 1.19   | cps   |
| Calcium    | 44-1  | 3119881  | 3097731  | 3066818  | 3094810  | 0.86   | cps   |
| Chromium   | 52-2  | 1407     | 1380     | 1497     | 1428     | 4.28   | cps   |
| Cobalt     | 59-2  | 137      | 177      | 163      | 159      | 12.82  | cps   |
| Copper     | 63-2  | 281965   | 281825   | 283142   | 282310   | 0.26   | cps   |
| Dysprosium | 156-1 | 33       | 25       | 58       | 39       | 44.62  | cps   |
| Dysprosium | 156-2 | 20       | 23       | 23       | 22       | 8.65   | cps   |
| Erbium     | 164-1 | 42       | 67       | 75       | 61       | 28.38  | cps   |
| Erbium     | 164-2 | 47       | 37       | 43       | 42       | 12.06  | cps   |
| Gadolinium | 160-1 | 158      | 133      | 108      | 133      | 18.75  | cps   |
| Gadolinium | 160-2 | 123      | 87       | 113      | 108      | 17.59  | cps   |
| Holmium    | 165-1 | 19462882 | 19429922 | 19478919 | 19457241 | 0.13   | cps   |
| Holmium    | 165-2 | 10016093 | 10037772 | 10044465 | 10032777 | 0.15   | cps   |
| Indium     | 115-1 | 16694543 | 16559595 | 16516768 | 16590302 | 0.56   | cps   |
| Indium     | 115-2 | 3147739  | 3146689  | 3143653  | 3146027  | 0.07   | cps   |
| Iron       | 56-2  | 77996    | 76466    | 77415    | 77292    | 1.00   | cps   |
| Iron       | 57-2  | 2245     | 1967     | 2089     | 2100     | 6.63   | cps   |
| Lead       | 206-1 | 5329     | 5557     | 5312     | 5399     | 2.53   | cps   |
| Lead       | 207-1 | 4690     | 4845     | 4501     | 4679     | 3.69   | cps   |
| Lead       | 208-1 | 21091    | 21685    | 21007    | 21261    | 1.74   | cps   |
| Lithium    | 6-1   | 3018560  | 2995201  | 2976315  | 2996692  | 0.71   | cps   |
| Magnesium  | 24-2  | 269539   | 269532   | 271422   | 270164   | 0.40   | cps   |
| Manganese  | 55-2  | 32108    | 31785    | 31203    | 31699    | 1.45   | cps   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-16             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-16-FL1-BRB-W3-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 14:20:53  | DataFile Name :   | 038SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 800      | 725      | 883      | 803      | 9.87   | cps   |
| Molybdenum | 95-1  | 367      | 433      | 492      | 431      | 14.53  | cps   |
| Molybdenum | 96-1  | 558      | 542      | 608      | 569      | 6.09   | cps   |
| Molybdenum | 97-1  | 258      | 233      | 183      | 225      | 16.97  | cps   |
| Molybdenum | 98-1  | 658      | 725      | 650      | 678      | 6.07   | cps   |
| Neodymium  | 150-1 | 40       | 33       | 33       | 36       | 10.83  | cps   |
| Neodymium  | 150-2 | 27       | 20       | 10       | 19       | 44.42  | cps   |
| Nickel     | 60-2  | 710      | 617      | 783      | 703      | 11.88  | cps   |
| Phosphorus | 31-2  | 3476     | 3401     | 3292     | 3389     | 2.72   | cps   |
| Potassium  | 39-2  | 131436   | 129889   | 130409   | 130578   | 0.60   | cps   |
| Rhodium    | 103-1 | 15211665 | 15281984 | 15190734 | 15228128 | 0.31   | cps   |
| Rhodium    | 103-2 | 7455523  | 7459426  | 7539544  | 7484831  | 0.63   | cps   |
| Scandium   | 45-1  | 10038766 | 9988152  | 9963712  | 9996877  | 0.38   | cps   |
| Scandium   | 45-2  | 419284   | 419348   | 418331   | 418988   | 0.14   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 81       | 78       | 72       | 77       | 6.04   | cps   |
| Selenium   | 82-1  | 35       | 6        | 21       | 21       | 70.12  | cps   |
| Silicon    | 28-1  | 5671358  | 5639747  | 5620623  | 5643910  | 0.45   | cps   |
| Silver     | 109-1 | 158      | 167      | 225      | 183      | 19.81  | cps   |
| Silver     | 107-1 | 275      | 208      | 250      | 244      | 13.78  | cps   |
| Sodium     | 23-2  | 3993742  | 3992113  | 3955346  | 3980400  | 0.55   | cps   |
| Strontium  | 86-1  | 69737    | 68111    | 67325    | 68391    | 1.80   | cps   |
| Strontium  | 88-1  | 589721   | 587262   | 580274   | 585752   | 0.84   | cps   |
| Sulfur     | 34-1  | 324506   | 320825   | 318970   | 321434   | 0.88   | cps   |
| Terbium    | 159-1 | 20710468 | 20510607 | 20480178 | 20567084 | 0.61   | cps   |
| Terbium    | 159-2 | 10176739 | 10121652 | 10171202 | 10156531 | 0.30   | cps   |
| Thallium   | 203-1 | 300      | 217      | 233      | 250      | 17.64  | cps   |
| Thallium   | 205-1 | 783      | 517      | 450      | 583      | 30.24  | cps   |
| Tin        | 118-1 | 467      | 642      | 592      | 567      | 15.91  | cps   |
| Titanium   | 47-1  | 692      | 725      | 750      | 722      | 4.05   | cps   |
| Uranium    | 238-1 | 617      | 567      | 608      | 597      | 4.49   | cps   |
| Vanadium   | 51-2  | 200      | 163      | 170      | 178      | 10.98  | cps   |
| Yttrium    | 89-1  | 17128885 | 16943425 | 16884288 | 16985533 | 0.75   | cps   |
| Yttrium    | 89-2  | 2388885  | 2391510  | 2388275  | 2389557  | 0.07   | cps   |
| Zinc       | 66-2  | 32216    | 31918    | 32510    | 32215    | 0.92   | cps   |
| Zirconium  | 90-1  | 1700     | 1784     | 1567     | 1684     | 6.49   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-16             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-16-FL1-BRB-W3-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 14:20:53  | DataFile Name :   | 038SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 308  | 367  | 425  | 367     | 15.91  | cps   |

LB Number : LB91543 Operator : Jaswal  
 Lab Sample ID : I6356-17 Instrumnet Name : P7  
 Client Sample ID : KAJT-17-FL1-BRB-W3-F Dilution Factor : 1  
 Date & Time Acquired :: 2017-11-10 14:24:24 DataFile Name : 039SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 908      | 909      | 883      | 900      | 1.61   | cps   |
| Antimony   | 121-1 | 1075     | 908      | 1033     | 1006     | 8.63   | cps   |
| Arsenic    | 75-2  | 141      | 135      | 120      | 132      | 7.97   | cps   |
| Barium     | 135-1 | 37493    | 38103    | 37627    | 37741    | 0.85   | cps   |
| Barium     | 137-1 | 67078    | 65848    | 66284    | 66403    | 0.94   | cps   |
| Beryllium  | 9-1   | 72       | 67       | 83       | 74       | 11.46  | cps   |
| Bismuth    | 209-1 | 12906057 | 12890171 | 12901252 | 12899160 | 0.06   | cps   |
| Bismuth    | 209-2 | 7637283  | 7621747  | 7622398  | 7627143  | 0.12   | cps   |
| Boron      | 10-1  | 1142     | 1117     | 950      | 1070     | 9.74   | cps   |
| Boron      | 11-1  | 5693     | 5293     | 5426     | 5471     | 3.72   | cps   |
| Cadmium    | 111-1 | 3123     | 2701     | 2990     | 2938     | 7.35   | cps   |
| Cadmium    | 106-1 | 4159     | 3551     | 3992     | 3901     | 8.06   | cps   |
| Cadmium    | 108-1 | 54       | 25       | 13       | 31       | 69.98  | cps   |
| Calcium    | 43-1  | 190090   | 188240   | 187070   | 188467   | 0.81   | cps   |
| Calcium    | 44-1  | 3112245  | 3056928  | 3054201  | 3074458  | 1.07   | cps   |
| Chromium   | 52-2  | 1483     | 1303     | 1493     | 1427     | 7.50   | cps   |
| Cobalt     | 59-2  | 193      | 183      | 167      | 181      | 7.44   | cps   |
| Copper     | 63-2  | 268979   | 270251   | 269678   | 269636   | 0.24   | cps   |
| Dysprosium | 156-1 | 50       | 42       | 67       | 53       | 24.12  | cps   |
| Dysprosium | 156-2 | 23       | 17       | 23       | 21       | 18.21  | cps   |
| Erbium     | 164-1 | 117      | 133      | 108      | 119      | 10.66  | cps   |
| Erbium     | 164-2 | 53       | 43       | 40       | 46       | 15.23  | cps   |
| Gadolinium | 160-1 | 158      | 117      | 108      | 128      | 20.96  | cps   |
| Gadolinium | 160-2 | 110      | 117      | 93       | 107      | 11.26  | cps   |
| Holmium    | 165-1 | 19817852 | 19549422 | 19504463 | 19623912 | 0.86   | cps   |
| Holmium    | 165-2 | 9980480  | 9999989  | 10077328 | 10019266 | 0.51   | cps   |
| Indium     | 115-1 | 16777912 | 16636648 | 16589139 | 16667899 | 0.59   | cps   |
| Indium     | 115-2 | 3123895  | 3126032  | 3130146  | 3126691  | 0.10   | cps   |
| Iron       | 56-2  | 74664    | 71502    | 69084    | 71750    | 3.90   | cps   |
| Iron       | 57-2  | 2061     | 1989     | 2006     | 2019     | 1.87   | cps   |
| Lead       | 206-1 | 3823     | 3873     | 3745     | 3814     | 1.69   | cps   |
| Lead       | 207-1 | 3256     | 3178     | 3239     | 3225     | 1.27   | cps   |
| Lead       | 208-1 | 14920    | 14681    | 15104    | 14902    | 1.42   | cps   |
| Lithium    | 6-1   | 3050595  | 3004587  | 2990173  | 3015118  | 1.05   | cps   |
| Magnesium  | 24-2  | 270669   | 266494   | 268192   | 268452   | 0.78   | cps   |
| Manganese  | 55-2  | 28668    | 29236    | 28364    | 28756    | 1.54   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-17             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-17-FL1-BRB-W3-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 14:24:24  | DataFile Name :   | 039SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1067     | 917      | 925      | 970      | 8.70   | cps   |
| Molybdenum | 95-1  | 375      | 525      | 283      | 394      | 30.93  | cps   |
| Molybdenum | 96-1  | 675      | 517      | 583      | 592      | 13.44  | cps   |
| Molybdenum | 97-1  | 250      | 275      | 400      | 308      | 26.06  | cps   |
| Molybdenum | 98-1  | 658      | 475      | 617      | 583      | 16.48  | cps   |
| Neodymium  | 150-1 | 60       | 67       | 27       | 51       | 41.93  | cps   |
| Neodymium  | 150-2 | 0        | 10       | 3        | 4        | 114.60 | cps   |
| Nickel     | 60-2  | 577      | 503      | 530      | 537      | 6.92   | cps   |
| Phosphorus | 31-2  | 2859     | 3059     | 3184     | 3034     | 5.41   | cps   |
| Potassium  | 39-2  | 129452   | 130503   | 132068   | 130674   | 1.01   | cps   |
| Rhodium    | 103-1 | 15436907 | 15337531 | 15310539 | 15361659 | 0.43   | cps   |
| Rhodium    | 103-2 | 7487040  | 7496623  | 7469211  | 7484291  | 0.19   | cps   |
| Scandium   | 45-1  | 10071909 | 9999274  | 9851525  | 9974236  | 1.13   | cps   |
| Scandium   | 45-2  | 420060   | 417682   | 418287   | 418677   | 0.30   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 52       | 89       | 59       | 67       | 29.40  | cps   |
| Selenium   | 82-1  | 38       | 64       | -4       | 33       | 104.24 | cps   |
| Silicon    | 28-1  | 5664370  | 5668371  | 5579371  | 5637371  | 0.89   | cps   |
| Silver     | 109-1 | 275      | 217      | 150      | 214      | 29.24  | cps   |
| Silver     | 107-1 | 275      | 258      | 333      | 289      | 13.63  | cps   |
| Sodium     | 23-2  | 3996358  | 3983131  | 3974009  | 3984499  | 0.28   | cps   |
| Strontium  | 86-1  | 70097    | 68757    | 66872    | 68575    | 2.36   | cps   |
| Strontium  | 88-1  | 591894   | 584071   | 580374   | 585446   | 1.00   | cps   |
| Sulfur     | 34-1  | 325237   | 323525   | 319261   | 322675   | 0.95   | cps   |
| Terbium    | 159-1 | 20802982 | 20561664 | 20425439 | 20596695 | 0.93   | cps   |
| Terbium    | 159-2 | 10174815 | 10138194 | 10183535 | 10165515 | 0.24   | cps   |
| Thallium   | 203-1 | 233      | 242      | 275      | 250      | 8.82   | cps   |
| Thallium   | 205-1 | 508      | 625      | 608      | 581      | 10.87  | cps   |
| Tin        | 118-1 | 667      | 650      | 592      | 636      | 6.19   | cps   |
| Titanium   | 47-1  | 767      | 875      | 658      | 767      | 14.13  | cps   |
| Uranium    | 238-1 | 592      | 608      | 633      | 611      | 3.43   | cps   |
| Vanadium   | 51-2  | 163      | 153      | 157      | 158      | 3.23   | cps   |
| Yttrium    | 89-1  | 17260050 | 17122373 | 17033416 | 17138613 | 0.67   | cps   |
| Yttrium    | 89-2  | 2374291  | 2394570  | 2385670  | 2384844  | 0.43   | cps   |
| Zinc       | 66-2  | 29921    | 29503    | 29560    | 29661    | 0.76   | cps   |
| Zirconium  | 90-1  | 1675     | 1583     | 1592     | 1617     | 3.14   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-17             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-17-FL1-BRB-W3-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 14:24:24  | DataFile Name :   | 039SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 308  | 283  | 350  | 314     | 10.73  | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB91543             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV27               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV27               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-11-10 14:27:55 | DataFile Name :   | 040CCV.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 4631001   | 4610410   | 4634141   | 4625184   | 0.28   | cps   |
| Antimony   | 121-1 | 5105406   | 5120453   | 5129242   | 5118367   | 0.24   | cps   |
| Arsenic    | 75-2  | 174524    | 176532    | 176005    | 175687    | 0.59   | cps   |
| Barium     | 135-1 | 6184911   | 6239054   | 6250422   | 6224795   | 0.56   | cps   |
| Barium     | 137-1 | 10797278  | 10743112  | 10889822  | 10810071  | 0.69   | cps   |
| Beryllium  | 9-1   | 766929    | 770383    | 779304    | 772206    | 0.83   | cps   |
| Bismuth    | 209-1 | 10588341  | 10576477  | 10621401  | 10595406  | 0.22   | cps   |
| Bismuth    | 209-2 | 6311033   | 6359545   | 6407997   | 6359525   | 0.76   | cps   |
| Boron      | 10-1  | 92063     | 93789     | 95375     | 93742     | 1.77   | cps   |
| Boron      | 11-1  | 442427    | 455834    | 463308    | 453857    | 2.33   | cps   |
| Cadmium    | 111-1 | 1153905   | 1165510   | 1166732   | 1162049   | 0.61   | cps   |
| Cadmium    | 106-1 | 127327    | 128909    | 127636    | 127957    | 0.66   | cps   |
| Cadmium    | 108-1 | 85682     | 86910     | 86902     | 86498     | 0.82   | cps   |
| Calcium    | 43-1  | 7436890   | 7540663   | 7554776   | 7510776   | 0.86   | cps   |
| Calcium    | 44-1  | 120118599 | 120872886 | 122577082 | 121189522 | 1.04   | cps   |
| Chromium   | 52-2  | 1550115   | 1558203   | 1577829   | 1562049   | 0.91   | cps   |
| Cobalt     | 59-2  | 2535135   | 2549266   | 2560310   | 2548237   | 0.50   | cps   |
| Copper     | 63-2  | 3572396   | 3620799   | 3635009   | 3609402   | 0.91   | cps   |
| Dysprosium | 156-1 | 133       | 150       | 100       | 128       | 19.93  | cps   |
| Dysprosium | 156-2 | 50        | 67        | 70        | 62        | 17.22  | cps   |
| Erbium     | 164-1 | 67        | 75        | 75        | 72        | 6.66   | cps   |
| Erbium     | 164-2 | 30        | 30        | 43        | 34        | 22.34  | cps   |
| Gadolinium | 160-1 | 133       | 75        | 133       | 114       | 29.57  | cps   |
| Gadolinium | 160-2 | 100       | 123       | 110       | 111       | 10.54  | cps   |
| Holmium    | 165-1 | 17547255  | 17520175  | 17634636  | 17567356  | 0.34   | cps   |
| Holmium    | 165-2 | 9268201   | 9291557   | 9297362   | 9285707   | 0.17   | cps   |
| Indium     | 115-1 | 14201706  | 14279354  | 14307203  | 14262754  | 0.38   | cps   |
| Indium     | 115-2 | 2791828   | 2835338   | 2832326   | 2819831   | 0.86   | cps   |
| Iron       | 56-2  | 317077552 | 317943085 | 319820329 | 318280322 | 0.44   | cps   |
| Iron       | 57-2  | 7771511   | 7823961   | 7814645   | 7803372   | 0.36   | cps   |
| Lead       | 206-1 | 3602621   | 3598909   | 3646510   | 3616013   | 0.73   | cps   |
| Lead       | 207-1 | 3352683   | 3344652   | 3395433   | 3364256   | 0.81   | cps   |
| Lead       | 208-1 | 15143263  | 15070899  | 15289179  | 15167780  | 0.73   | cps   |
| Lithium    | 6-1   | 2651024   | 2643433   | 2658978   | 2651145   | 0.29   | cps   |
| Magnesium  | 24-2  | 54156264  | 53465714  | 53977560  | 53866512  | 0.67   | cps   |
| Manganese  | 55-2  | 1737856   | 1756218   | 1759606   | 1751226   | 0.67   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB91543             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV27               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV27               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-11-10 14:27:55 | DataFile Name :   | 040CCV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 10675553 | 10627333 | 10777009 | 10693298 | 0.71   | cps   |
| Molybdenum | 95-1  | 12738774 | 12763326 | 12861105 | 12787735 | 0.51   | cps   |
| Molybdenum | 96-1  | 14142640 | 14122495 | 14295084 | 14186740 | 0.67   | cps   |
| Molybdenum | 97-1  | 7971673  | 7923946  | 8062401  | 7986006  | 0.88   | cps   |
| Molybdenum | 98-1  | 20614955 | 20645229 | 20841420 | 20700535 | 0.59   | cps   |
| Neodymium  | 150-1 | 360      | 313      | 347      | 340      | 7.07   | cps   |
| Neodymium  | 150-2 | 33       | 43       | 50       | 42       | 19.87  | cps   |
| Nickel     | 60-2  | 658564   | 660971   | 657916   | 659150   | 0.24   | cps   |
| Phosphorus | 31-2  | 46139    | 46047    | 46565    | 46250    | 0.60   | cps   |
| Potassium  | 39-2  | 26550496 | 26403363 | 26630984 | 26528281 | 0.44   | cps   |
| Rhodium    | 103-1 | 12692760 | 12699029 | 12761375 | 12717722 | 0.30   | cps   |
| Rhodium    | 103-2 | 6439957  | 6497318  | 6522478  | 6486584  | 0.65   | cps   |
| Scandium   | 45-1  | 9047593  | 9001427  | 9063481  | 9037500  | 0.36   | cps   |
| Scandium   | 45-2  | 399341   | 400474   | 400447   | 400087   | 0.16   | cps   |
| Selenium   | 77-2  | 3134     | 3247     | 3404     | 3262     | 4.16   | cps   |
| Selenium   | 78-2  | 11097    | 11015    | 11353    | 11155    | 1.58   | cps   |
| Selenium   | 82-1  | 72055    | 71760    | 73002    | 72272    | 0.90   | cps   |
| Silicon    | 28-1  | 3576628  | 3659037  | 3695598  | 3643754  | 1.67   | cps   |
| Silver     | 109-1 | 5610059  | 5649066  | 5680160  | 5646428  | 0.62   | cps   |
| Silver     | 107-1 | 5903030  | 5894318  | 5893821  | 5897057  | 0.09   | cps   |
| Sodium     | 23-2  | 99653598 | 99522275 | 99823327 | 99666400 | 0.15   | cps   |
| Strontium  | 86-1  | 1658696  | 1659848  | 1693421  | 1670655  | 1.18   | cps   |
| Strontium  | 88-1  | 14609829 | 14718072 | 14874303 | 14734068 | 0.90   | cps   |
| Sulfur     | 34-1  | 669097   | 668814   | 675461   | 671124   | 0.56   | cps   |
| Terbium    | 159-1 | 18405635 | 18322879 | 18522941 | 18417152 | 0.55   | cps   |
| Terbium    | 159-2 | 9379657  | 9384504  | 9426671  | 9396944  | 0.28   | cps   |
| Thallium   | 203-1 | 4546092  | 4524460  | 4568108  | 4546220  | 0.48   | cps   |
| Thallium   | 205-1 | 10900247 | 10880185 | 10999859 | 10926764 | 0.59   | cps   |
| Tin        | 118-1 | 4091906  | 4114654  | 4114518  | 4107026  | 0.32   | cps   |
| Titanium   | 47-1  | 3466759  | 3477340  | 3500180  | 3481426  | 0.49   | cps   |
| Uranium    | 238-1 | 16619876 | 16691042 | 16651299 | 16654072 | 0.21   | cps   |
| Vanadium   | 51-2  | 1299406  | 1305683  | 1312410  | 1305833  | 0.50   | cps   |
| Yttrium    | 89-1  | 15208672 | 15248856 | 15298746 | 15252091 | 0.30   | cps   |
| Yttrium    | 89-2  | 2239130  | 2234255  | 2245862  | 2239749  | 0.26   | cps   |
| Zinc       | 66-2  | 482870   | 493508   | 492087   | 489488   | 1.18   | cps   |
| Zirconium  | 90-1  | 9219975  | 9242457  | 9274334  | 9245589  | 0.30   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB91543             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV27               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV27               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-11-10 14:27:55 | DataFile Name :   | 040CCV.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 2008496 | 1997967 | 2013614 | 2006692 | 0.40   | cps   |



LB Number : LB91543 Operator : Jaswal  
 Lab Sample ID : CCB27 Instrumnet Name : P7  
 Client Sample ID : CCB27 Dilution Factor : 1  
 Date & Time Acquired :: 2017-11-10 14:31:31 DataFile Name : 041CCBE.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 400      | 300      | 208      | 303      | 31.66  | cps   |
| Antimony   | 121-1 | 17395    | 15935    | 14850    | 16060    | 7.95   | cps   |
| Arsenic    | 75-2  | 26       | 54       | 44       | 41       | 34.19  | cps   |
| Barium     | 135-1 | 458      | 450      | 525      | 478      | 8.60   | cps   |
| Barium     | 137-1 | 808      | 700      | 900      | 803      | 12.47  | cps   |
| Beryllium  | 9-1   | 261      | 256      | 211      | 243      | 11.30  | cps   |
| Bismuth    | 209-1 | 11878273 | 11858722 | 11942121 | 11893039 | 0.37   | cps   |
| Bismuth    | 209-2 | 7173960  | 7183797  | 7200240  | 7185999  | 0.18   | cps   |
| Boron      | 10-1  | 3192     | 2734     | 2417     | 2781     | 14.01  | cps   |
| Boron      | 11-1  | 14883    | 13081    | 12222    | 13395    | 10.14  | cps   |
| Cadmium    | 111-1 | 2668     | 2799     | 2561     | 2676     | 4.45   | cps   |
| Cadmium    | 106-1 | 3617     | 3826     | 3509     | 3651     | 4.41   | cps   |
| Cadmium    | 108-1 | 38       | 29       | 17       | 28       | 37.74  | cps   |
| Calcium    | 43-1  | 817      | 717      | 733      | 756      | 7.09   | cps   |
| Calcium    | 44-1  | 28261    | 27768    | 27067    | 27699    | 2.17   | cps   |
| Chromium   | 52-2  | 1683     | 1673     | 1780     | 1712     | 3.44   | cps   |
| Cobalt     | 59-2  | 293      | 243      | 213      | 250      | 16.17  | cps   |
| Copper     | 63-2  | 2287     | 2200     | 2060     | 2182     | 5.24   | cps   |
| Dysprosium | 156-1 | 17       | 17       | 8        | 14       | 34.67  | cps   |
| Dysprosium | 156-2 | 3        | 3        | 0        | 2        | 86.60  | cps   |
| Erbium     | 164-1 | 83       | 50       | 33       | 56       | 45.83  | cps   |
| Erbium     | 164-2 | 17       | 37       | 27       | 27       | 37.50  | cps   |
| Gadolinium | 160-1 | 50       | 125      | 50       | 75       | 57.74  | cps   |
| Gadolinium | 160-2 | 80       | 100      | 60       | 80       | 25.00  | cps   |
| Holmium    | 165-1 | 18139551 | 18064709 | 18025512 | 18076591 | 0.32   | cps   |
| Holmium    | 165-2 | 9407679  | 9451268  | 9473725  | 9444224  | 0.36   | cps   |
| Indium     | 115-1 | 15543980 | 15497050 | 15641643 | 15560891 | 0.47   | cps   |
| Indium     | 115-2 | 2979564  | 2988754  | 2979282  | 2982533  | 0.18   | cps   |
| Iron       | 56-2  | 26396    | 22551    | 19424    | 22791    | 15.32  | cps   |
| Iron       | 57-2  | 711      | 639      | 483      | 611      | 19.05  | cps   |
| Lead       | 206-1 | 1672     | 1522     | 1772     | 1656     | 7.60   | cps   |
| Lead       | 207-1 | 1739     | 1600     | 1450     | 1596     | 9.05   | cps   |
| Lead       | 208-1 | 6934     | 6868     | 7001     | 6934     | 0.96   | cps   |
| Lithium    | 6-1   | 2833854  | 2830717  | 2832849  | 2832473  | 0.06   | cps   |
| Magnesium  | 24-2  | 3042     | 2325     | 2150     | 2506     | 18.86  | cps   |
| Manganese  | 55-2  | 150      | 127      | 133      | 137      | 8.79   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB27               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB27               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 14:31:31 | DataFile Name :   | 041CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 4351     | 4317     | 4176     | 4281     | 2.17   | cps   |
| Molybdenum | 95-1  | 5776     | 4751     | 5001     | 5176     | 10.33  | cps   |
| Molybdenum | 96-1  | 6243     | 5084     | 5668     | 5665     | 10.23  | cps   |
| Molybdenum | 97-1  | 3676     | 3250     | 3226     | 3384     | 7.48   | cps   |
| Molybdenum | 98-1  | 9654     | 8378     | 8119     | 8717     | 9.42   | cps   |
| Neodymium  | 150-1 | 7        | 0        | 7        | 4        | 86.60  | cps   |
| Neodymium  | 150-2 | 0        | 3        | 3        | 2        | 86.60  | cps   |
| Nickel     | 60-2  | 173      | 187      | 160      | 173      | 7.69   | cps   |
| Phosphorus | 31-2  | 75       | 150      | 83       | 103      | 40.00  | cps   |
| Potassium  | 39-2  | 22985    | 22468    | 22860    | 22771    | 1.19   | cps   |
| Rhodium    | 103-1 | 14346621 | 14315961 | 14391550 | 14351377 | 0.26   | cps   |
| Rhodium    | 103-2 | 7200719  | 7226159  | 7196838  | 7207906  | 0.22   | cps   |
| Scandium   | 45-1  | 9443677  | 9448435  | 9444347  | 9445486  | 0.03   | cps   |
| Scandium   | 45-2  | 404382   | 402388   | 404185   | 403651   | 0.27   | cps   |
| Selenium   | 77-2  | 3        | 3        | 7        | 4        | 43.40  | cps   |
| Selenium   | 78-2  | 85       | 54       | 61       | 67       | 24.70  | cps   |
| Selenium   | 82-1  | 16       | 84       | 44       | 48       | 71.36  | cps   |
| Silicon    | 28-1  | 210959   | 208846   | 204436   | 208080   | 1.60   | cps   |
| Silver     | 109-1 | 742      | 467      | 533      | 581      | 24.71  | cps   |
| Silver     | 107-1 | 858      | 683      | 575      | 706      | 20.26  | cps   |
| Sodium     | 23-2  | 25915    | 26340    | 24754    | 25670    | 3.20   | cps   |
| Strontium  | 86-1  | 800      | 875      | 675      | 783      | 12.90  | cps   |
| Strontium  | 88-1  | 1342     | 1067     | 1367     | 1258     | 13.23  | cps   |
| Sulfur     | 34-1  | 262686   | 260414   | 262261   | 261787   | 0.46   | cps   |
| Terbium    | 159-1 | 19055413 | 19071068 | 19188788 | 19105090 | 0.38   | cps   |
| Terbium    | 159-2 | 9606159  | 9617037  | 9620873  | 9614690  | 0.08   | cps   |
| Thallium   | 203-1 | 2267     | 1750     | 1775     | 1931     | 15.09  | cps   |
| Thallium   | 205-1 | 5943     | 5226     | 4884     | 5351     | 10.10  | cps   |
| Tin        | 118-1 | 3942     | 4234     | 3651     | 3942     | 7.40   | cps   |
| Titanium   | 47-1  | 517      | 650      | 583      | 583      | 11.43  | cps   |
| Uranium    | 238-1 | 1492     | 1534     | 1508     | 1511     | 1.39   | cps   |
| Vanadium   | 51-2  | 70       | 77       | 50       | 66       | 21.17  | cps   |
| Yttrium    | 89-1  | 16117475 | 16114086 | 16031504 | 16087688 | 0.30   | cps   |
| Yttrium    | 89-2  | 2282923  | 2290067  | 2274387  | 2282459  | 0.34   | cps   |
| Zinc       | 66-2  | 3644     | 3814     | 3701     | 3719     | 2.33   | cps   |
| Zirconium  | 90-1  | 3851     | 3284     | 3284     | 3473     | 9.42   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB27               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB27               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 14:31:31 | DataFile Name :   | 041CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 925  | 825  | 692  | 814     | 14.38  | cps   |

LB Number : LB91543 Operator : Jaswal  
 Lab Sample ID : I6356-18 Instrumnet Name : P7  
 Client Sample ID : KAJT-18-FL1-BRB-W3-F Dilution Factor : 1  
 Date & Time Acquired :: 2017-11-10 14:35:03 DataFile Name : 042SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 800      | 800      | 975      | 858      | 11.78  | cps   |
| Antimony   | 121-1 | 3609     | 3534     | 3567     | 3570     | 1.05   | cps   |
| Arsenic    | 75-2  | 117      | 130      | 148      | 131      | 12.03  | cps   |
| Barium     | 135-1 | 38103    | 38295    | 37777    | 38059    | 0.69   | cps   |
| Barium     | 137-1 | 66778    | 65965    | 66326    | 66356    | 0.61   | cps   |
| Beryllium  | 9-1   | 133      | 189      | 161      | 161      | 17.24  | cps   |
| Bismuth    | 209-1 | 12978583 | 12951661 | 12832546 | 12920930 | 0.60   | cps   |
| Bismuth    | 209-2 | 7551612  | 7610003  | 7540808  | 7567475  | 0.49   | cps   |
| Boron      | 10-1  | 2084     | 1884     | 2142     | 2036     | 6.65   | cps   |
| Boron      | 11-1  | 9478     | 9495     | 9453     | 9476     | 0.22   | cps   |
| Cadmium    | 111-1 | 3189     | 3296     | 2978     | 3154     | 5.12   | cps   |
| Cadmium    | 106-1 | 4059     | 4293     | 3859     | 4070     | 5.33   | cps   |
| Cadmium    | 108-1 | 21       | 25       | 21       | 22       | 10.84  | cps   |
| Calcium    | 43-1  | 195265   | 192142   | 190221   | 192542   | 1.32   | cps   |
| Calcium    | 44-1  | 3167217  | 3123116  | 3103348  | 3131227  | 1.04   | cps   |
| Chromium   | 52-2  | 1613     | 1497     | 1417     | 1509     | 6.56   | cps   |
| Cobalt     | 59-2  | 200      | 190      | 217      | 202      | 6.66   | cps   |
| Copper     | 63-2  | 315855   | 314669   | 312989   | 314504   | 0.46   | cps   |
| Dysprosium | 156-1 | 25       | 67       | 42       | 44       | 47.19  | cps   |
| Dysprosium | 156-2 | 13       | 20       | 23       | 19       | 26.96  | cps   |
| Erbium     | 164-1 | 75       | 75       | 142      | 97       | 39.59  | cps   |
| Erbium     | 164-2 | 63       | 40       | 43       | 49       | 25.81  | cps   |
| Gadolinium | 160-1 | 108      | 92       | 83       | 94       | 13.48  | cps   |
| Gadolinium | 160-2 | 120      | 97       | 130      | 116      | 14.80  | cps   |
| Holmium    | 165-1 | 19526793 | 19613425 | 19400292 | 19513503 | 0.55   | cps   |
| Holmium    | 165-2 | 10003469 | 10038763 | 9960847  | 10001026 | 0.39   | cps   |
| Indium     | 115-1 | 16865174 | 16864313 | 16641751 | 16790413 | 0.77   | cps   |
| Indium     | 115-2 | 3145212  | 3157981  | 3158879  | 3154024  | 0.24   | cps   |
| Iron       | 56-2  | 69587    | 72222    | 72427    | 71412    | 2.22   | cps   |
| Iron       | 57-2  | 2139     | 2184     | 2022     | 2115     | 3.93   | cps   |
| Lead       | 206-1 | 4051     | 4045     | 4256     | 4117     | 2.92   | cps   |
| Lead       | 207-1 | 3656     | 3784     | 3539     | 3660     | 3.34   | cps   |
| Lead       | 208-1 | 16188    | 16910    | 16460    | 16519    | 2.21   | cps   |
| Lithium    | 6-1   | 3121578  | 3061743  | 3054056  | 3079126  | 1.20   | cps   |
| Magnesium  | 24-2  | 274715   | 277131   | 271584   | 274476   | 1.01   | cps   |
| Manganese  | 55-2  | 27489    | 28257    | 28047    | 27931    | 1.42   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-18             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-18-FL1-BRB-W3-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 14:35:03  | DataFile Name :   | 042SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 4084     | 4126     | 3417     | 3876     | 10.26  | cps   |
| Molybdenum | 95-1  | 1684     | 1600     | 1775     | 1686     | 5.19   | cps   |
| Molybdenum | 96-1  | 2550     | 2367     | 1984     | 2300     | 12.57  | cps   |
| Molybdenum | 97-1  | 908      | 1125     | 1008     | 1014     | 10.70  | cps   |
| Molybdenum | 98-1  | 2950     | 2550     | 2625     | 2709     | 7.85   | cps   |
| Neodymium  | 150-1 | 27       | 107      | 40       | 58       | 74.20  | cps   |
| Neodymium  | 150-2 | 20       | 17       | 17       | 18       | 10.81  | cps   |
| Nickel     | 60-2  | 483      | 507      | 517      | 502      | 3.41   | cps   |
| Phosphorus | 31-2  | 3492     | 3517     | 3317     | 3442     | 3.17   | cps   |
| Potassium  | 39-2  | 135219   | 136035   | 133529   | 134928   | 0.95   | cps   |
| Rhodium    | 103-1 | 15525550 | 15435232 | 15309565 | 15423449 | 0.70   | cps   |
| Rhodium    | 103-2 | 7577260  | 7519072  | 7543055  | 7546462  | 0.39   | cps   |
| Scandium   | 45-1  | 10179006 | 10135834 | 10063639 | 10126159 | 0.58   | cps   |
| Scandium   | 45-2  | 425414   | 426135   | 423344   | 424964   | 0.34   | cps   |
| Selenium   | 77-2  | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 72       | 57       | 98       | 76       | 27.16  | cps   |
| Selenium   | 82-1  | 32       | 41       | 109      | 61       | 69.09  | cps   |
| Silicon    | 28-1  | 5800257  | 5738451  | 5737071  | 5758593  | 0.63   | cps   |
| Silver     | 109-1 | 275      | 250      | 267      | 264      | 4.82   | cps   |
| Silver     | 107-1 | 425      | 292      | 308      | 342      | 21.26  | cps   |
| Sodium     | 23-2  | 4076372  | 4094813  | 4043682  | 4071622  | 0.64   | cps   |
| Strontium  | 86-1  | 69577    | 68162    | 68958    | 68899    | 1.03   | cps   |
| Strontium  | 88-1  | 602960   | 592928   | 591196   | 595695   | 1.07   | cps   |
| Sulfur     | 34-1  | 318145   | 313796   | 312978   | 314973   | 0.88   | cps   |
| Terbium    | 159-1 | 20836845 | 20746384 | 20714707 | 20765979 | 0.31   | cps   |
| Terbium    | 159-2 | 10168995 | 10173688 | 10157010 | 10166564 | 0.08   | cps   |
| Thallium   | 203-1 | 817      | 725      | 708      | 750      | 7.78   | cps   |
| Thallium   | 205-1 | 1850     | 1834     | 1625     | 1770     | 7.09   | cps   |
| Tin        | 118-1 | 1584     | 1567     | 1383     | 1511     | 7.34   | cps   |
| Titanium   | 47-1  | 783      | 642      | 675      | 700      | 10.58  | cps   |
| Uranium    | 238-1 | 592      | 533      | 558      | 561      | 5.22   | cps   |
| Vanadium   | 51-2  | 147      | 143      | 140      | 143      | 2.33   | cps   |
| Yttrium    | 89-1  | 17372410 | 17237373 | 17240784 | 17283522 | 0.45   | cps   |
| Yttrium    | 89-2  | 2408084  | 2395059  | 2400229  | 2401124  | 0.27   | cps   |
| Zinc       | 66-2  | 33044    | 32536    | 33479    | 33020    | 1.43   | cps   |
| Zirconium  | 90-1  | 9637     | 8019     | 7344     | 8333     | 14.14  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-18             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-18-FL1-BRB-W3-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 14:35:03  | DataFile Name :   | 042SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 2609 | 1934 | 1675 | 2072    | 23.26  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-19             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-19-FL3-BRB-W3-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 14:38:34  | DataFile Name :   | 043SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 983      | 808      | 625      | 806      | 22.25  | cps   |
| Antimony   | 121-1 | 5068     | 5260     | 4934     | 5087     | 3.21   | cps   |
| Arsenic    | 75-2  | 135      | 124      | 141      | 133      | 6.36   | cps   |
| Barium     | 135-1 | 38304    | 38605    | 37176    | 38028    | 1.98   | cps   |
| Barium     | 137-1 | 66401    | 65740    | 65128    | 65757    | 0.97   | cps   |
| Beryllium  | 9-1   | 89       | 117      | 106      | 104      | 13.48  | cps   |
| Bismuth    | 209-1 | 12989637 | 12868346 | 12895814 | 12917932 | 0.49   | cps   |
| Bismuth    | 209-2 | 7639668  | 7616807  | 7623894  | 7626789  | 0.15   | cps   |
| Boron      | 10-1  | 1542     | 1842     | 1533     | 1639     | 10.72  | cps   |
| Boron      | 11-1  | 8353     | 7969     | 8503     | 8275     | 3.33   | cps   |
| Cadmium    | 111-1 | 3214     | 2831     | 2728     | 2924     | 8.75   | cps   |
| Cadmium    | 106-1 | 4284     | 3851     | 3626     | 3920     | 8.54   | cps   |
| Cadmium    | 108-1 | 50       | 21       | 38       | 36       | 40.53  | cps   |
| Calcium    | 43-1  | 194436   | 190352   | 191796   | 192195   | 1.08   | cps   |
| Calcium    | 44-1  | 3164682  | 3132036  | 3107996  | 3134905  | 0.91   | cps   |
| Chromium   | 52-2  | 1397     | 1260     | 1200     | 1286     | 7.84   | cps   |
| Cobalt     | 59-2  | 193      | 177      | 213      | 194      | 9.44   | cps   |
| Copper     | 63-2  | 1087279  | 1082981  | 1080068  | 1083443  | 0.33   | cps   |
| Dysprosium | 156-1 | 33       | 25       | 8        | 22       | 57.30  | cps   |
| Dysprosium | 156-2 | 7        | 3        | 27       | 12       | 103.26 | cps   |
| Erbium     | 164-1 | 142      | 58       | 117      | 106      | 40.51  | cps   |
| Erbium     | 164-2 | 30       | 23       | 53       | 36       | 44.31  | cps   |
| Gadolinium | 160-1 | 133      | 92       | 117      | 114      | 18.41  | cps   |
| Gadolinium | 160-2 | 110      | 80       | 93       | 94       | 15.91  | cps   |
| Holmium    | 165-1 | 19491655 | 19578716 | 19449361 | 19506577 | 0.34   | cps   |
| Holmium    | 165-2 | 10077343 | 10005957 | 10030037 | 10037779 | 0.36   | cps   |
| Indium     | 115-1 | 16874704 | 16802525 | 16540661 | 16739297 | 1.05   | cps   |
| Indium     | 115-2 | 3147225  | 3165241  | 3145615  | 3152694  | 0.35   | cps   |
| Iron       | 56-2  | 54992    | 55957    | 56086    | 55678    | 1.07   | cps   |
| Iron       | 57-2  | 1756     | 1628     | 1817     | 1733     | 5.56   | cps   |
| Lead       | 206-1 | 3512     | 4006     | 3862     | 3793     | 6.70   | cps   |
| Lead       | 207-1 | 3173     | 3178     | 3378     | 3243     | 3.61   | cps   |
| Lead       | 208-1 | 14615    | 15265    | 15209    | 15030    | 2.40   | cps   |
| Lithium    | 6-1   | 3082594  | 3068126  | 3010482  | 3053734  | 1.25   | cps   |
| Magnesium  | 24-2  | 271612   | 274851   | 274228   | 273564   | 0.63   | cps   |
| Manganese  | 55-2  | 17934    | 18148    | 17978    | 18020    | 0.63   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-19             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-19-FL3-BRB-W3-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 14:38:34  | DataFile Name :   | 043SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 2175     | 1967     | 1850     | 1997     | 8.24   | cps   |
| Molybdenum | 95-1  | 842      | 908      | 1050     | 933      | 11.40  | cps   |
| Molybdenum | 96-1  | 1342     | 1333     | 1350     | 1342     | 0.62   | cps   |
| Molybdenum | 97-1  | 508      | 617      | 717      | 614      | 16.97  | cps   |
| Molybdenum | 98-1  | 1650     | 1433     | 1667     | 1583     | 8.22   | cps   |
| Neodymium  | 150-1 | 0        | 67       | 33       | 33       | 100.01 | cps   |
| Neodymium  | 150-2 | 10       | 10       | 7        | 9        | 21.63  | cps   |
| Nickel     | 60-2  | 793      | 773      | 803      | 790      | 1.93   | cps   |
| Phosphorus | 31-2  | 2717     | 2975     | 2817     | 2837     | 4.59   | cps   |
| Potassium  | 39-2  | 135707   | 133403   | 133168   | 134093   | 1.05   | cps   |
| Rhodium    | 103-1 | 15486050 | 15302070 | 15239693 | 15342605 | 0.83   | cps   |
| Rhodium    | 103-2 | 7531794  | 7536339  | 7515340  | 7527825  | 0.15   | cps   |
| Scandium   | 45-1  | 10174217 | 10103653 | 10025939 | 10101270 | 0.73   | cps   |
| Scandium   | 45-2  | 426426   | 427532   | 424078   | 426012   | 0.41   | cps   |
| Selenium   | 77-2  | 3        | 0        | 3        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 67       | 89       | 76       | 77       | 14.46  | cps   |
| Selenium   | 82-1  | 48       | 24       | 64       | 45       | 44.69  | cps   |
| Silicon    | 28-1  | 5891731  | 5825676  | 5815511  | 5844306  | 0.71   | cps   |
| Silver     | 109-1 | 200      | 275      | 217      | 231      | 17.08  | cps   |
| Silver     | 107-1 | 358      | 233      | 308      | 300      | 20.97  | cps   |
| Sodium     | 23-2  | 4140925  | 4139111  | 4097529  | 4125855  | 0.59   | cps   |
| Strontium  | 86-1  | 70884    | 69828    | 68555    | 69756    | 1.67   | cps   |
| Strontium  | 88-1  | 599734   | 591201   | 591222   | 594052   | 0.83   | cps   |
| Sulfur     | 34-1  | 314261   | 315040   | 315364   | 314888   | 0.18   | cps   |
| Terbium    | 159-1 | 20834368 | 20627620 | 20504767 | 20655585 | 0.81   | cps   |
| Terbium    | 159-2 | 10245422 | 10185696 | 10164892 | 10198670 | 0.41   | cps   |
| Thallium   | 203-1 | 358      | 425      | 425      | 403      | 9.56   | cps   |
| Thallium   | 205-1 | 1142     | 1042     | 1142     | 1108     | 5.21   | cps   |
| Tin        | 118-1 | 2267     | 1700     | 2292     | 2086     | 16.04  | cps   |
| Titanium   | 47-1  | 558      | 775      | 733      | 689      | 16.69  | cps   |
| Uranium    | 238-1 | 642      | 525      | 475      | 547      | 15.63  | cps   |
| Vanadium   | 51-2  | 110      | 170      | 153      | 144      | 21.44  | cps   |
| Yttrium    | 89-1  | 17287708 | 17110047 | 17070973 | 17156242 | 0.67   | cps   |
| Yttrium    | 89-2  | 2407170  | 2408402  | 2413496  | 2409689  | 0.14   | cps   |
| Zinc       | 66-2  | 80748    | 81455    | 80510    | 80905    | 0.61   | cps   |
| Zirconium  | 90-1  | 4351     | 4134     | 3776     | 4087     | 7.11   | cps   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-19             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-19-FL3-BRB-W3-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 14:38:34  | DataFile Name :   | 043SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 900  | 875  | 1058 | 945     | 10.53  | cps   |

LB Number : LB91543 Operator : Jaswal  
 Lab Sample ID : I6356-20 Instrumnet Name : P7  
 Client Sample ID : KAJT-20-FL3-BRB-W3-F Dilution Factor : 1  
 Date & Time Acquired :: 2017-11-10 14:42:15 DataFile Name : 044SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 658      | 700      | 683      | 681      | 3.08   | cps   |
| Antimony   | 121-1 | 1884     | 1984     | 2009     | 1959     | 3.38   | cps   |
| Arsenic    | 75-2  | 161      | 117      | 146      | 141      | 16.01  | cps   |
| Barium     | 135-1 | 37903    | 37017    | 36884    | 37268    | 1.49   | cps   |
| Barium     | 137-1 | 67247    | 65723    | 65514    | 66161    | 1.43   | cps   |
| Beryllium  | 9-1   | 111      | 72       | 94       | 93       | 21.07  | cps   |
| Bismuth    | 209-1 | 12857064 | 12750323 | 12655594 | 12754327 | 0.79   | cps   |
| Bismuth    | 209-2 | 7547950  | 7490749  | 7463026  | 7500575  | 0.58   | cps   |
| Boron      | 10-1  | 1325     | 1492     | 1425     | 1414     | 5.93   | cps   |
| Boron      | 11-1  | 7252     | 7319     | 7352     | 7308     | 0.70   | cps   |
| Cadmium    | 111-1 | 3363     | 3157     | 3349     | 3290     | 3.50   | cps   |
| Cadmium    | 106-1 | 4067     | 3701     | 4084     | 3951     | 5.49   | cps   |
| Cadmium    | 108-1 | 67       | 54       | 50       | 57       | 15.23  | cps   |
| Calcium    | 43-1  | 194318   | 188823   | 190815   | 191319   | 1.45   | cps   |
| Calcium    | 44-1  | 3148019  | 3114710  | 3098687  | 3120472  | 0.81   | cps   |
| Chromium   | 52-2  | 1620     | 1560     | 1367     | 1516     | 8.74   | cps   |
| Cobalt     | 59-2  | 197      | 153      | 200      | 183      | 14.20  | cps   |
| Copper     | 63-2  | 435913   | 433334   | 435667   | 434971   | 0.33   | cps   |
| Dysprosium | 156-1 | 33       | 75       | 58       | 56       | 37.75  | cps   |
| Dysprosium | 156-2 | 30       | 27       | 17       | 24       | 28.38  | cps   |
| Erbium     | 164-1 | 108      | 142      | 67       | 106      | 35.60  | cps   |
| Erbium     | 164-2 | 43       | 73       | 10       | 42       | 75.03  | cps   |
| Gadolinium | 160-1 | 150      | 150      | 175      | 158      | 9.12   | cps   |
| Gadolinium | 160-2 | 117      | 140      | 120      | 126      | 10.05  | cps   |
| Holmium    | 165-1 | 19505920 | 19213646 | 19197377 | 19305648 | 0.90   | cps   |
| Holmium    | 165-2 | 9889578  | 9878295  | 9832337  | 9866736  | 0.31   | cps   |
| Indium     | 115-1 | 16658304 | 16323617 | 16343686 | 16441869 | 1.14   | cps   |
| Indium     | 115-2 | 3111369  | 3087379  | 3095037  | 3097928  | 0.40   | cps   |
| Iron       | 56-2  | 73579    | 72635    | 73791    | 73335    | 0.84   | cps   |
| Iron       | 57-2  | 2100     | 2050     | 2334     | 2161     | 7.00   | cps   |
| Lead       | 206-1 | 7408     | 7347     | 7497     | 7417     | 1.02   | cps   |
| Lead       | 207-1 | 6368     | 6357     | 6374     | 6367     | 0.13   | cps   |
| Lead       | 208-1 | 29636    | 29592    | 29291    | 29506    | 0.64   | cps   |
| Lithium    | 6-1   | 3032020  | 3010994  | 2997125  | 3013379  | 0.58   | cps   |
| Magnesium  | 24-2  | 268793   | 270470   | 266919   | 268727   | 0.66   | cps   |
| Manganese  | 55-2  | 26985    | 26421    | 26207    | 26537    | 1.51   | cps   |

LB Number : LB91543 Operator : Jaswal  
 Lab Sample ID : I6356-20 Instrumnet Name : P7  
 Client Sample ID : KAJT-20-FL3-BRB-W3-F Dilution Factor : 1  
 Date & Time Acquired :: 2017-11-10 14:42:15 DataFile Name : 044SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1600     | 1550     | 1267     | 1472     | 12.21  | cps   |
| Molybdenum | 95-1  | 567      | 775      | 692      | 678      | 15.47  | cps   |
| Molybdenum | 96-1  | 992      | 958      | 983      | 978      | 1.77   | cps   |
| Molybdenum | 97-1  | 467      | 408      | 450      | 442      | 6.80   | cps   |
| Molybdenum | 98-1  | 1158     | 1267     | 1250     | 1225     | 4.76   | cps   |
| Neodymium  | 150-1 | 53       | 53       | 47       | 51       | 7.53   | cps   |
| Neodymium  | 150-2 | 10       | 13       | 20       | 14       | 35.26  | cps   |
| Nickel     | 60-2  | 543      | 643      | 670      | 619      | 10.79  | cps   |
| Phosphorus | 31-2  | 3451     | 3359     | 3301     | 3370     | 2.24   | cps   |
| Potassium  | 39-2  | 130586   | 133798   | 132023   | 132136   | 1.22   | cps   |
| Rhodium    | 103-1 | 15300598 | 15099781 | 14992936 | 15131105 | 1.03   | cps   |
| Rhodium    | 103-2 | 7405715  | 7394536  | 7383131  | 7394461  | 0.15   | cps   |
| Scandium   | 45-1  | 9988690  | 9933804  | 9849458  | 9923984  | 0.71   | cps   |
| Scandium   | 45-2  | 417631   | 417074   | 418150   | 417618   | 0.13   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 69       | 72       | 59       | 67       | 10.01  | cps   |
| Selenium   | 82-1  | 82       | -30      | 54       | 35       | 165.46 | cps   |
| Silicon    | 28-1  | 5712506  | 5637795  | 5670004  | 5673435  | 0.66   | cps   |
| Silver     | 109-1 | 275      | 208      | 192      | 225      | 19.60  | cps   |
| Silver     | 107-1 | 283      | 333      | 325      | 314      | 8.54   | cps   |
| Sodium     | 23-2  | 4101097  | 4029874  | 4048392  | 4059788  | 0.91   | cps   |
| Strontium  | 86-1  | 69075    | 68522    | 67593    | 68397    | 1.09   | cps   |
| Strontium  | 88-1  | 595062   | 595036   | 587347   | 592482   | 0.75   | cps   |
| Sulfur     | 34-1  | 314019   | 314957   | 313868   | 314281   | 0.19   | cps   |
| Terbium    | 159-1 | 20458016 | 20409059 | 20250965 | 20372680 | 0.53   | cps   |
| Terbium    | 159-2 | 10039590 | 10052237 | 10046231 | 10046019 | 0.06   | cps   |
| Thallium   | 203-1 | 425      | 392      | 333      | 383      | 12.10  | cps   |
| Thallium   | 205-1 | 858      | 933      | 942      | 911      | 5.04   | cps   |
| Tin        | 118-1 | 1900     | 1950     | 1875     | 1909     | 2.01   | cps   |
| Titanium   | 47-1  | 692      | 758      | 725      | 725      | 4.60   | cps   |
| Uranium    | 238-1 | 608      | 533      | 592      | 578      | 6.82   | cps   |
| Vanadium   | 51-2  | 187      | 153      | 143      | 161      | 14.08  | cps   |
| Yttrium    | 89-1  | 17070560 | 16876322 | 16794151 | 16913678 | 0.84   | cps   |
| Yttrium    | 89-2  | 2373918  | 2363257  | 2368567  | 2368581  | 0.23   | cps   |
| Zinc       | 66-2  | 79119    | 79206    | 80068    | 79465    | 0.66   | cps   |
| Zirconium  | 90-1  | 3017     | 2859     | 3042     | 2973     | 3.35   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-20             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-20-FL3-BRB-W3-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 14:42:15  | DataFile Name :   | 044SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 700  | 608  | 667  | 658     | 7.05   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-21             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-21-FL3-BRB-W3-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 14:45:47  | DataFile Name :   | 045SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1125     | 767      | 959      | 950      | 18.89  | cps   |
| Antimony   | 121-1 | 1275     | 1442     | 1542     | 1420     | 9.49   | cps   |
| Arsenic    | 75-2  | 130      | 146      | 163      | 146      | 11.39  | cps   |
| Barium     | 135-1 | 37928    | 37819    | 38245    | 37998    | 0.58   | cps   |
| Barium     | 137-1 | 67900    | 69179    | 66024    | 67701    | 2.34   | cps   |
| Beryllium  | 9-1   | 100      | 111      | 117      | 109      | 7.77   | cps   |
| Bismuth    | 209-1 | 13065496 | 12970151 | 12906553 | 12980734 | 0.62   | cps   |
| Bismuth    | 209-2 | 7635105  | 7656190  | 7640102  | 7643799  | 0.14   | cps   |
| Boron      | 10-1  | 1075     | 1483     | 1300     | 1286     | 15.90  | cps   |
| Boron      | 11-1  | 6585     | 6018     | 6076     | 6227     | 5.01   | cps   |
| Cadmium    | 111-1 | 3135     | 3088     | 2975     | 3066     | 2.68   | cps   |
| Cadmium    | 106-1 | 4034     | 3967     | 3834     | 3945     | 2.58   | cps   |
| Cadmium    | 108-1 | 50       | 50       | 54       | 51       | 4.68   | cps   |
| Calcium    | 43-1  | 192299   | 191457   | 190553   | 191437   | 0.46   | cps   |
| Calcium    | 44-1  | 3143696  | 3120010  | 3110963  | 3124890  | 0.54   | cps   |
| Chromium   | 52-2  | 1217     | 1357     | 1297     | 1290     | 5.44   | cps   |
| Cobalt     | 59-2  | 173      | 197      | 163      | 178      | 9.62   | cps   |
| Copper     | 63-2  | 356126   | 359040   | 355950   | 357039   | 0.49   | cps   |
| Dysprosium | 156-1 | 25       | 50       | 75       | 50       | 50.00  | cps   |
| Dysprosium | 156-2 | 27       | 13       | 30       | 23       | 37.81  | cps   |
| Erbium     | 164-1 | 75       | 58       | 75       | 69       | 13.85  | cps   |
| Erbium     | 164-2 | 43       | 40       | 27       | 37       | 24.04  | cps   |
| Gadolinium | 160-1 | 83       | 158      | 92       | 111      | 37.00  | cps   |
| Gadolinium | 160-2 | 97       | 123      | 140      | 120      | 18.21  | cps   |
| Holmium    | 165-1 | 19902100 | 19589023 | 19453184 | 19648103 | 1.17   | cps   |
| Holmium    | 165-2 | 10078706 | 10042287 | 10015073 | 10045355 | 0.32   | cps   |
| Indium     | 115-1 | 16812139 | 16666580 | 16565199 | 16681306 | 0.74   | cps   |
| Indium     | 115-2 | 3154955  | 3162473  | 3151214  | 3156214  | 0.18   | cps   |
| Iron       | 56-2  | 80520    | 81962    | 84190    | 82224    | 2.25   | cps   |
| Iron       | 57-2  | 2222     | 2272     | 2417     | 2304     | 4.38   | cps   |
| Lead       | 206-1 | 5190     | 5084     | 4996     | 5090     | 1.91   | cps   |
| Lead       | 207-1 | 4418     | 4056     | 4279     | 4251     | 4.29   | cps   |
| Lead       | 208-1 | 20140    | 20068    | 19523    | 19910    | 1.69   | cps   |
| Lithium    | 6-1   | 3049903  | 3029661  | 3004301  | 3027955  | 0.75   | cps   |
| Magnesium  | 24-2  | 273555   | 275529   | 271727   | 273604   | 0.69   | cps   |
| Manganese  | 55-2  | 29219    | 29376    | 29336    | 29311    | 0.28   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-21             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-21-FL3-BRB-W3-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 14:45:47  | DataFile Name :   | 045SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Molybdenum | 94-1  | 1417     | 1408     | 1100     | 1308     | 13.79   | cps   |
| Molybdenum | 95-1  | 508      | 650      | 558      | 572      | 12.56   | cps   |
| Molybdenum | 96-1  | 808      | 758      | 692      | 753      | 7.78    | cps   |
| Molybdenum | 97-1  | 458      | 250      | 350      | 353      | 29.53   | cps   |
| Molybdenum | 98-1  | 817      | 992      | 1067     | 958      | 13.39   | cps   |
| Neodymium  | 150-1 | 60       | 40       | 47       | 49       | 20.83   | cps   |
| Neodymium  | 150-2 | 0        | 20       | 20       | 13       | 86.60   | cps   |
| Nickel     | 60-2  | 463      | 557      | 453      | 491      | 11.61   | cps   |
| Phosphorus | 31-2  | 3351     | 3601     | 2909     | 3287     | 10.66   | cps   |
| Potassium  | 39-2  | 132822   | 133470   | 132066   | 132786   | 0.53    | cps   |
| Rhodium    | 103-1 | 15558637 | 15248969 | 15197073 | 15334893 | 1.27    | cps   |
| Rhodium    | 103-2 | 7523065  | 7544588  | 7508235  | 7525296  | 0.24    | cps   |
| Scandium   | 45-1  | 10132257 | 9997008  | 9998666  | 10042644 | 0.77    | cps   |
| Scandium   | 45-2  | 424170   | 426146   | 424828   | 425048   | 0.24    | cps   |
| Selenium   | 77-2  | 0        | 3        | 0        | 1        | 173.21  | cps   |
| Selenium   | 78-2  | 70       | 48       | 69       | 62       | 19.78   | cps   |
| Selenium   | 82-1  | 63       | -61      | -40      | -13      | -527.35 | cps   |
| Silicon    | 28-1  | 5842168  | 5708972  | 5668991  | 5740043  | 1.58    | cps   |
| Silver     | 109-1 | 225      | 175      | 217      | 206      | 13.03   | cps   |
| Silver     | 107-1 | 267      | 267      | 267      | 267      | 0.00    | cps   |
| Sodium     | 23-2  | 4055856  | 4063568  | 4052114  | 4057179  | 0.14    | cps   |
| Strontium  | 86-1  | 70046    | 68790    | 68932    | 69256    | 0.99    | cps   |
| Strontium  | 88-1  | 598366   | 591189   | 593200   | 594252   | 0.62    | cps   |
| Sulfur     | 34-1  | 316285   | 315672   | 316088   | 316015   | 0.10    | cps   |
| Terbium    | 159-1 | 20755406 | 20630378 | 20571343 | 20652376 | 0.46    | cps   |
| Terbium    | 159-2 | 10251472 | 10218229 | 10222579 | 10230760 | 0.18    | cps   |
| Thallium   | 203-1 | 225      | 342      | 292      | 286      | 20.46   | cps   |
| Thallium   | 205-1 | 708      | 875      | 658      | 747      | 15.18   | cps   |
| Tin        | 118-1 | 1242     | 1358     | 2037     | 1546     | 27.79   | cps   |
| Titanium   | 47-1  | 800      | 925      | 925      | 883      | 8.17    | cps   |
| Uranium    | 238-1 | 642      | 575      | 467      | 561      | 15.74   | cps   |
| Vanadium   | 51-2  | 220      | 203      | 160      | 194      | 15.93   | cps   |
| Yttrium    | 89-1  | 17340971 | 17072679 | 17123001 | 17178884 | 0.83    | cps   |
| Yttrium    | 89-2  | 2395981  | 2387323  | 2387535  | 2390280  | 0.21    | cps   |
| Zinc       | 66-2  | 45969    | 46076    | 45892    | 45979    | 0.20    | cps   |
| Zirconium  | 90-1  | 2642     | 2492     | 2042     | 2392     | 13.06   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-21             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-21-FL3-BRB-W3-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 14:45:47  | DataFile Name :   | 045SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 492  | 408  | 567  | 489     | 16.20  | cps   |

LB Number : LB91543 Operator : Jaswal  
 Lab Sample ID : I6356-22 Instrumnet Name : P7  
 Client Sample ID : KAJT-22-FL3-BRB-W3-B Dilution Factor : 1  
 Date & Time Acquired :: 2017-11-10 14:49:19 DataFile Name : 046SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 417      | 442      | 483      | 447      | 7.53   | cps   |
| Antimony   | 121-1 | 6644     | 6877     | 7035     | 6852     | 2.88   | cps   |
| Arsenic    | 75-2  | 106      | 130      | 100      | 112      | 14.10  | cps   |
| Barium     | 135-1 | 38246    | 37728    | 38413    | 38129    | 0.94   | cps   |
| Barium     | 137-1 | 67649    | 65346    | 64074    | 65690    | 2.76   | cps   |
| Beryllium  | 9-1   | 56       | 100      | 89       | 81       | 28.38  | cps   |
| Bismuth    | 209-1 | 12908996 | 12858996 | 12798868 | 12855620 | 0.43   | cps   |
| Bismuth    | 209-2 | 7583833  | 7549794  | 7560102  | 7564576  | 0.23   | cps   |
| Boron      | 10-1  | 1033     | 1300     | 1292     | 1208     | 12.55  | cps   |
| Boron      | 11-1  | 6618     | 6343     | 5885     | 6282     | 5.90   | cps   |
| Cadmium    | 111-1 | 3117     | 2750     | 2946     | 2938     | 6.25   | cps   |
| Cadmium    | 106-1 | 4243     | 3717     | 4009     | 3990     | 6.60   | cps   |
| Cadmium    | 108-1 | 33       | 21       | 21       | 25       | 28.87  | cps   |
| Calcium    | 43-1  | 190087   | 188073   | 189677   | 189279   | 0.56   | cps   |
| Calcium    | 44-1  | 3122535  | 3085228  | 3066342  | 3091368  | 0.93   | cps   |
| Chromium   | 52-2  | 1413     | 1453     | 1420     | 1429     | 1.50   | cps   |
| Cobalt     | 59-2  | 237      | 197      | 207      | 213      | 9.76   | cps   |
| Copper     | 63-2  | 1551826  | 1548492  | 1551362  | 1550560  | 0.12   | cps   |
| Dysprosium | 156-1 | 75       | 17       | 25       | 39       | 81.12  | cps   |
| Dysprosium | 156-2 | 30       | 27       | 7        | 21       | 59.77  | cps   |
| Erbium     | 164-1 | 133      | 58       | 83       | 92       | 41.66  | cps   |
| Erbium     | 164-2 | 50       | 43       | 27       | 40       | 30.04  | cps   |
| Gadolinium | 160-1 | 183      | 117      | 58       | 119      | 52.36  | cps   |
| Gadolinium | 160-2 | 123      | 93       | 87       | 101      | 19.32  | cps   |
| Holmium    | 165-1 | 19527358 | 19356909 | 19429342 | 19437870 | 0.44   | cps   |
| Holmium    | 165-2 | 10026614 | 9880131  | 9880470  | 9929072  | 0.85   | cps   |
| Indium     | 115-1 | 16511305 | 16404522 | 16396141 | 16437323 | 0.39   | cps   |
| Indium     | 115-2 | 3107463  | 3101498  | 3094962  | 3101307  | 0.20   | cps   |
| Iron       | 56-2  | 42852    | 41883    | 42601    | 42446    | 1.18   | cps   |
| Iron       | 57-2  | 1311     | 1172     | 1333     | 1272     | 6.86   | cps   |
| Lead       | 206-1 | 3145     | 2689     | 2867     | 2900     | 7.92   | cps   |
| Lead       | 207-1 | 2784     | 2511     | 2500     | 2598     | 6.18   | cps   |
| Lead       | 208-1 | 12342    | 11752    | 11597    | 11897    | 3.30   | cps   |
| Lithium    | 6-1   | 3010035  | 2966840  | 2971042  | 2982639  | 0.80   | cps   |
| Magnesium  | 24-2  | 267960   | 266370   | 267825   | 267385   | 0.33   | cps   |
| Manganese  | 55-2  | 15051    | 14974    | 14698    | 14908    | 1.25   | cps   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-22             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-22-FL3-BRB-W3-B | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 14:49:19  | DataFile Name :   | 046SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1100     | 983      | 1008     | 1031     | 5.96   | cps   |
| Molybdenum | 95-1  | 608      | 733      | 450      | 597      | 23.78  | cps   |
| Molybdenum | 96-1  | 775      | 717      | 650      | 714      | 8.76   | cps   |
| Molybdenum | 97-1  | 408      | 392      | 342      | 381      | 9.12   | cps   |
| Molybdenum | 98-1  | 950      | 817      | 825      | 864      | 8.65   | cps   |
| Neodymium  | 150-1 | 20       | 33       | 47       | 33       | 40.01  | cps   |
| Neodymium  | 150-2 | 17       | 10       | 7        | 11       | 45.82  | cps   |
| Nickel     | 60-2  | 847      | 890      | 930      | 889      | 4.69   | cps   |
| Phosphorus | 31-2  | 1917     | 1884     | 1900     | 1900     | 0.88   | cps   |
| Potassium  | 39-2  | 132663   | 131243   | 130957   | 131621   | 0.69   | cps   |
| Rhodium    | 103-1 | 15176915 | 14962599 | 14972987 | 15037500 | 0.80   | cps   |
| Rhodium    | 103-2 | 7430624  | 7442446  | 7376798  | 7416623  | 0.47   | cps   |
| Scandium   | 45-1  | 9978143  | 9927318  | 9835518  | 9913660  | 0.73   | cps   |
| Scandium   | 45-2  | 415906   | 417094   | 413462   | 415487   | 0.45   | cps   |
| Selenium   | 77-2  | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 80       | 56       | 61       | 65       | 19.26  | cps   |
| Selenium   | 82-1  | 71       | -21      | 10       | 20       | 236.39 | cps   |
| Silicon    | 28-1  | 5657403  | 5633841  | 5637203  | 5642816  | 0.23   | cps   |
| Silver     | 109-1 | 183      | 217      | 192      | 197      | 8.80   | cps   |
| Silver     | 107-1 | 217      | 242      | 217      | 225      | 6.41   | cps   |
| Sodium     | 23-2  | 4044551  | 4056930  | 4026669  | 4042717  | 0.38   | cps   |
| Strontium  | 86-1  | 68949    | 67643    | 69251    | 68614    | 1.25   | cps   |
| Strontium  | 88-1  | 589346   | 585501   | 579054   | 584634   | 0.89   | cps   |
| Sulfur     | 34-1  | 315697   | 315383   | 318070   | 316383   | 0.46   | cps   |
| Terbium    | 159-1 | 20443184 | 20412337 | 20397350 | 20417624 | 0.11   | cps   |
| Terbium    | 159-2 | 10157862 | 10090715 | 9999055  | 10082544 | 0.79   | cps   |
| Thallium   | 203-1 | 250      | 425      | 225      | 300      | 36.32  | cps   |
| Thallium   | 205-1 | 667      | 508      | 742      | 639      | 18.65  | cps   |
| Tin        | 118-1 | 9228     | 8470     | 8319     | 8672     | 5.62   | cps   |
| Titanium   | 47-1  | 542      | 558      | 367      | 489      | 21.72  | cps   |
| Uranium    | 238-1 | 525      | 533      | 275      | 444      | 33.03  | cps   |
| Vanadium   | 51-2  | 140      | 87       | 147      | 124      | 26.43  | cps   |
| Yttrium    | 89-1  | 16938666 | 16843604 | 16837121 | 16873130 | 0.34   | cps   |
| Yttrium    | 89-2  | 2351365  | 2374530  | 2351766  | 2359220  | 0.56   | cps   |
| Zinc       | 66-2  | 52444    | 52340    | 51855    | 52213    | 0.60   | cps   |
| Zirconium  | 90-1  | 2100     | 2100     | 2250     | 2150     | 4.03   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-22             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-22-FL3-BRB-W3-B | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 14:49:19  | DataFile Name :   | 046SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 508  | 542  | 467  | 506     | 7.43   | cps   |

LB Number : LB91543 Operator : Jaswal  
 Lab Sample ID : I6356-23 Instrumnet Name : P7  
 Client Sample ID : KAJT-23-FL3-BRB-W3-B Dilution Factor : 1  
 Date & Time Acquired :: 2017-11-10 14:52:51 DataFile Name : 047SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 658      | 908      | 792      | 786      | 15.92  | cps   |
| Antimony   | 121-1 | 1408     | 1483     | 1192     | 1361     | 11.13  | cps   |
| Arsenic    | 75-2  | 135      | 133      | 120      | 130      | 6.23   | cps   |
| Barium     | 135-1 | 38396    | 38463    | 37728    | 38195    | 1.06   | cps   |
| Barium     | 137-1 | 66702    | 65916    | 66384    | 66334    | 0.60   | cps   |
| Beryllium  | 9-1   | 83       | 94       | 133      | 104      | 25.32  | cps   |
| Bismuth    | 209-1 | 12843530 | 12781813 | 12817199 | 12814180 | 0.24   | cps   |
| Bismuth    | 209-2 | 7602146  | 7552088  | 7556909  | 7570381  | 0.36   | cps   |
| Boron      | 10-1  | 1325     | 1175     | 1192     | 1231     | 6.68   | cps   |
| Boron      | 11-1  | 5543     | 6243     | 6043     | 5943     | 6.07   | cps   |
| Cadmium    | 111-1 | 3251     | 3050     | 3112     | 3138     | 3.28   | cps   |
| Cadmium    | 106-1 | 4067     | 3859     | 4084     | 4004     | 3.13   | cps   |
| Cadmium    | 108-1 | 13       | 50       | 67       | 43       | 64.44  | cps   |
| Calcium    | 43-1  | 191407   | 187988   | 187365   | 188920   | 1.15   | cps   |
| Calcium    | 44-1  | 3112563  | 3045257  | 3077043  | 3078288  | 1.09   | cps   |
| Chromium   | 52-2  | 1417     | 1497     | 1550     | 1488     | 4.51   | cps   |
| Cobalt     | 59-2  | 180      | 173      | 160      | 171      | 5.95   | cps   |
| Copper     | 63-2  | 459200   | 456192   | 458675   | 458023   | 0.35   | cps   |
| Dysprosium | 156-1 | 108      | 42       | 42       | 64       | 60.24  | cps   |
| Dysprosium | 156-2 | 17       | 27       | 20       | 21       | 24.12  | cps   |
| Erbium     | 164-1 | 75       | 58       | 67       | 67       | 12.49  | cps   |
| Erbium     | 164-2 | 40       | 27       | 60       | 42       | 39.73  | cps   |
| Gadolinium | 160-1 | 150      | 108      | 92       | 117      | 25.76  | cps   |
| Gadolinium | 160-2 | 83       | 117      | 93       | 98       | 17.50  | cps   |
| Holmium    | 165-1 | 19424355 | 19472802 | 19346141 | 19414433 | 0.33   | cps   |
| Holmium    | 165-2 | 10014228 | 9939229  | 9928208  | 9960555  | 0.47   | cps   |
| Indium     | 115-1 | 16594059 | 16519761 | 16415863 | 16509895 | 0.54   | cps   |
| Indium     | 115-2 | 3100713  | 3085464  | 3092701  | 3092959  | 0.25   | cps   |
| Iron       | 56-2  | 80304    | 78772    | 81210    | 80095    | 1.54   | cps   |
| Iron       | 57-2  | 2139     | 2306     | 2328     | 2258     | 4.57   | cps   |
| Lead       | 206-1 | 5318     | 5340     | 5162     | 5273     | 1.84   | cps   |
| Lead       | 207-1 | 4306     | 4195     | 4506     | 4336     | 3.64   | cps   |
| Lead       | 208-1 | 20451    | 20018    | 20179    | 20216    | 1.08   | cps   |
| Lithium    | 6-1   | 3008099  | 2971764  | 2937143  | 2972335  | 1.19   | cps   |
| Magnesium  | 24-2  | 268073   | 268532   | 272568   | 269724   | 0.92   | cps   |
| Manganese  | 55-2  | 28685    | 28668    | 28758    | 28704    | 0.17   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-23             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-23-FL3-BRB-W3-B | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 14:52:51  | DataFile Name :   | 047SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1017     | 983      | 1042     | 1014     | 2.89   | cps   |
| Molybdenum | 95-1  | 533      | 458      | 367      | 453      | 18.44  | cps   |
| Molybdenum | 96-1  | 700      | 683      | 567      | 650      | 11.18  | cps   |
| Molybdenum | 97-1  | 267      | 325      | 258      | 283      | 12.82  | cps   |
| Molybdenum | 98-1  | 842      | 883      | 658      | 795      | 15.07  | cps   |
| Neodymium  | 150-1 | 33       | 60       | 73       | 56       | 36.66  | cps   |
| Neodymium  | 150-2 | 23       | 10       | 13       | 16       | 44.60  | cps   |
| Nickel     | 60-2  | 543      | 507      | 570      | 540      | 5.89   | cps   |
| Phosphorus | 31-2  | 3200     | 3359     | 3417     | 3326     | 3.37   | cps   |
| Potassium  | 39-2  | 130780   | 129770   | 133723   | 131424   | 1.56   | cps   |
| Rhodium    | 103-1 | 15260426 | 15170982 | 15034344 | 15155251 | 0.75   | cps   |
| Rhodium    | 103-2 | 7451884  | 7433339  | 7378634  | 7421286  | 0.51   | cps   |
| Scandium   | 45-1  | 9946071  | 9892718  | 9829074  | 9889288  | 0.59   | cps   |
| Scandium   | 45-2  | 415763   | 416759   | 418286   | 416936   | 0.30   | cps   |
| Selenium   | 77-2  | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 41       | 65       | 83       | 63       | 33.92  | cps   |
| Selenium   | 82-1  | -15      | 63       | 51       | 33       | 128.53 | cps   |
| Silicon    | 28-1  | 5643861  | 5614508  | 5605615  | 5621328  | 0.36   | cps   |
| Silver     | 109-1 | 258      | 167      | 175      | 200      | 25.34  | cps   |
| Silver     | 107-1 | 250      | 325      | 267      | 281      | 14.04  | cps   |
| Sodium     | 23-2  | 4007287  | 4004524  | 4013325  | 4008379  | 0.11   | cps   |
| Strontium  | 86-1  | 68648    | 66722    | 67267    | 67546    | 1.47   | cps   |
| Strontium  | 88-1  | 590851   | 587417   | 581660   | 586643   | 0.79   | cps   |
| Sulfur     | 34-1  | 319297   | 317940   | 317951   | 318396   | 0.25   | cps   |
| Terbium    | 159-1 | 20527348 | 20487380 | 20379219 | 20464649 | 0.37   | cps   |
| Terbium    | 159-2 | 10179750 | 10089003 | 10092852 | 10120535 | 0.51   | cps   |
| Thallium   | 203-1 | 242      | 267      | 225      | 244      | 8.58   | cps   |
| Thallium   | 205-1 | 583      | 542      | 658      | 594      | 9.95   | cps   |
| Tin        | 118-1 | 1525     | 1442     | 1450     | 1472     | 3.12   | cps   |
| Titanium   | 47-1  | 883      | 742      | 808      | 811      | 8.74   | cps   |
| Uranium    | 238-1 | 492      | 458      | 433      | 461      | 6.35   | cps   |
| Vanadium   | 51-2  | 153      | 190      | 167      | 170      | 10.92  | cps   |
| Yttrium    | 89-1  | 17034105 | 16907218 | 16797268 | 16912863 | 0.70   | cps   |
| Yttrium    | 89-2  | 2367952  | 2361370  | 2356953  | 2362091  | 0.23   | cps   |
| Zinc       | 66-2  | 49500    | 49982    | 49724    | 49736    | 0.48   | cps   |
| Zirconium  | 90-1  | 1817     | 1792     | 1942     | 1850     | 4.34   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-23             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-23-FL3-BRB-W3-B | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 14:52:51  | DataFile Name :   | 047SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 475  | 408  | 350  | 411     | 15.21  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-24             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-24-FL3-BRB-W3-B | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 14:56:23  | DataFile Name :   | 048SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 742      | 692      | 667      | 700      | 5.46   | cps   |
| Antimony   | 121-1 | 1250     | 1125     | 1008     | 1128     | 10.72  | cps   |
| Arsenic    | 75-2  | 115      | 133      | 152      | 133      | 13.89  | cps   |
| Barium     | 135-1 | 36933    | 38070    | 38288    | 37764    | 1.93   | cps   |
| Barium     | 137-1 | 67037    | 66108    | 66887    | 66678    | 0.75   | cps   |
| Beryllium  | 9-1   | 72       | 94       | 94       | 87       | 14.74  | cps   |
| Bismuth    | 209-1 | 12839216 | 12940411 | 12817698 | 12865775 | 0.51   | cps   |
| Bismuth    | 209-2 | 7589435  | 7635564  | 7568326  | 7597775  | 0.45   | cps   |
| Boron      | 10-1  | 1167     | 1225     | 1217     | 1203     | 2.62   | cps   |
| Boron      | 11-1  | 5568     | 6168     | 6068     | 5935     | 5.42   | cps   |
| Cadmium    | 111-1 | 3175     | 2987     | 3098     | 3087     | 3.06   | cps   |
| Cadmium    | 106-1 | 4109     | 3709     | 3901     | 3906     | 5.12   | cps   |
| Cadmium    | 108-1 | 50       | 25       | 17       | 31       | 56.77  | cps   |
| Calcium    | 43-1  | 192419   | 187499   | 190621   | 190180   | 1.31   | cps   |
| Calcium    | 44-1  | 3114326  | 3068497  | 3081954  | 3088259  | 0.76   | cps   |
| Chromium   | 52-2  | 1537     | 1540     | 1470     | 1516     | 2.61   | cps   |
| Cobalt     | 59-2  | 143      | 153      | 183      | 160      | 13.01  | cps   |
| Copper     | 63-2  | 457047   | 453976   | 454218   | 455080   | 0.38   | cps   |
| Dysprosium | 156-1 | 75       | 67       | 58       | 67       | 12.49  | cps   |
| Dysprosium | 156-2 | 37       | 20       | 27       | 28       | 30.20  | cps   |
| Erbium     | 164-1 | 133      | 117      | 100      | 117      | 14.28  | cps   |
| Erbium     | 164-2 | 50       | 40       | 37       | 42       | 16.43  | cps   |
| Gadolinium | 160-1 | 117      | 167      | 75       | 119      | 38.43  | cps   |
| Gadolinium | 160-2 | 133      | 117      | 107      | 119      | 11.33  | cps   |
| Holmium    | 165-1 | 19542232 | 19387823 | 19430226 | 19453427 | 0.41   | cps   |
| Holmium    | 165-2 | 10000415 | 9987333  | 9944726  | 9977491  | 0.29   | cps   |
| Indium     | 115-1 | 16659455 | 16500037 | 16471937 | 16543810 | 0.61   | cps   |
| Indium     | 115-2 | 3105231  | 3135399  | 3102784  | 3114471  | 0.58   | cps   |
| Iron       | 56-2  | 82192    | 82375    | 87068    | 83878    | 3.29   | cps   |
| Iron       | 57-2  | 2573     | 2239     | 2356     | 2389     | 7.08   | cps   |
| Lead       | 206-1 | 5184     | 4807     | 4801     | 4931     | 4.46   | cps   |
| Lead       | 207-1 | 4501     | 4084     | 4379     | 4321     | 4.96   | cps   |
| Lead       | 208-1 | 20162    | 20085    | 19573    | 19940    | 1.61   | cps   |
| Lithium    | 6-1   | 3016681  | 2982459  | 2963758  | 2987632  | 0.90   | cps   |
| Magnesium  | 24-2  | 269828   | 273299   | 270063   | 271063   | 0.72   | cps   |
| Manganese  | 55-2  | 29727    | 29096    | 28745    | 29189    | 1.70   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-24             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-24-FL3-BRB-W3-B | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 14:56:23  | DataFile Name :   | 048SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 917      | 825      | 1008     | 917      | 10.00  | cps   |
| Molybdenum | 95-1  | 358      | 492      | 492      | 447      | 17.21  | cps   |
| Molybdenum | 96-1  | 583      | 592      | 558      | 578      | 3.00   | cps   |
| Molybdenum | 97-1  | 375      | 300      | 300      | 325      | 13.32  | cps   |
| Molybdenum | 98-1  | 692      | 767      | 717      | 725      | 5.27   | cps   |
| Neodymium  | 150-1 | 40       | 33       | 40       | 38       | 10.19  | cps   |
| Neodymium  | 150-2 | 0        | 13       | 17       | 10       | 88.20  | cps   |
| Nickel     | 60-2  | 557      | 507      | 603      | 556      | 8.70   | cps   |
| Phosphorus | 31-2  | 3534     | 3234     | 3401     | 3389     | 4.44   | cps   |
| Potassium  | 39-2  | 135573   | 133733   | 132150   | 133819   | 1.28   | cps   |
| Rhodium    | 103-1 | 15207288 | 15143968 | 15019086 | 15123447 | 0.63   | cps   |
| Rhodium    | 103-2 | 7472693  | 7444989  | 7448706  | 7455462  | 0.20   | cps   |
| Scandium   | 45-1  | 10042846 | 9828063  | 9931984  | 9934298  | 1.08   | cps   |
| Scandium   | 45-2  | 417931   | 420698   | 417124   | 418584   | 0.45   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 78       | 83       | 72       | 78       | 7.14   | cps   |
| Selenium   | 82-1  | -30      | 26       | 39       | 12       | 314.68 | cps   |
| Silicon    | 28-1  | 5684199  | 5659351  | 5602366  | 5648639  | 0.74   | cps   |
| Silver     | 109-1 | 183      | 275      | 292      | 250      | 23.33  | cps   |
| Silver     | 107-1 | 217      | 358      | 242      | 272      | 27.78  | cps   |
| Sodium     | 23-2  | 4028755  | 4022569  | 4017360  | 4022895  | 0.14   | cps   |
| Strontium  | 86-1  | 70314    | 67928    | 68012    | 68751    | 1.97   | cps   |
| Strontium  | 88-1  | 599245   | 586245   | 586617   | 590702   | 1.25   | cps   |
| Sulfur     | 34-1  | 323934   | 319278   | 318844   | 320685   | 0.88   | cps   |
| Terbium    | 159-1 | 20604703 | 20592057 | 20346227 | 20514329 | 0.71   | cps   |
| Terbium    | 159-2 | 10085201 | 10139493 | 10115277 | 10113324 | 0.27   | cps   |
| Thallium   | 203-1 | 275      | 258      | 217      | 250      | 12.02  | cps   |
| Thallium   | 205-1 | 642      | 608      | 733      | 661      | 9.79   | cps   |
| Tin        | 118-1 | 1734     | 1500     | 1675     | 1636     | 7.42   | cps   |
| Titanium   | 47-1  | 783      | 725      | 725      | 745      | 4.52   | cps   |
| Uranium    | 238-1 | 592      | 525      | 583      | 567      | 6.41   | cps   |
| Vanadium   | 51-2  | 190      | 153      | 163      | 169      | 11.22  | cps   |
| Yttrium    | 89-1  | 17168363 | 17085717 | 16885376 | 17046486 | 0.85   | cps   |
| Yttrium    | 89-2  | 2371577  | 2373299  | 2366586  | 2370487  | 0.15   | cps   |
| Zinc       | 66-2  | 45962    | 46119    | 47069    | 46384    | 1.29   | cps   |
| Zirconium  | 90-1  | 1867     | 2025     | 1900     | 1931     | 4.32   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-24             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-24-FL3-BRB-W3-B | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 14:56:23  | DataFile Name :   | 048SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 383  | 400  | 500  | 428     | 14.75  | cps   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-25             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-25-FL3-BRG-W1-B | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 14:59:56  | DataFile Name :   | 049SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 583      | 783      | 900      | 756      | 21.20  | cps   |
| Antimony   | 121-1 | 1283     | 1183     | 1275     | 1247     | 4.45   | cps   |
| Arsenic    | 75-2  | 113      | 180      | 120      | 138      | 26.55  | cps   |
| Barium     | 135-1 | 39808    | 40151    | 39273    | 39744    | 1.11   | cps   |
| Barium     | 137-1 | 70187    | 68964    | 69450    | 69534    | 0.89   | cps   |
| Beryllium  | 9-1   | 78       | 100      | 61       | 80       | 24.50  | cps   |
| Bismuth    | 209-1 | 12999972 | 12903795 | 12772049 | 12891939 | 0.89   | cps   |
| Bismuth    | 209-2 | 7627349  | 7609758  | 7578309  | 7605139  | 0.33   | cps   |
| Boron      | 10-1  | 1192     | 1108     | 1092     | 1131     | 4.74   | cps   |
| Boron      | 11-1  | 5818     | 6001     | 6085     | 5968     | 2.29   | cps   |
| Cadmium    | 111-1 | 2920     | 2736     | 2791     | 2816     | 3.36   | cps   |
| Cadmium    | 106-1 | 3842     | 3592     | 3617     | 3684     | 3.74   | cps   |
| Cadmium    | 108-1 | 46       | 29       | 29       | 35       | 27.70  | cps   |
| Calcium    | 43-1  | 195812   | 192123   | 190969   | 192968   | 1.31   | cps   |
| Calcium    | 44-1  | 3192225  | 3124552  | 3103697  | 3140158  | 1.47   | cps   |
| Chromium   | 52-2  | 1727     | 1657     | 1587     | 1657     | 4.23   | cps   |
| Cobalt     | 59-2  | 180      | 197      | 187      | 188      | 4.47   | cps   |
| Copper     | 63-2  | 758458   | 764753   | 764356   | 762522   | 0.46   | cps   |
| Dysprosium | 156-1 | 17       | 58       | 17       | 31       | 78.72  | cps   |
| Dysprosium | 156-2 | 10       | 30       | 13       | 18       | 60.28  | cps   |
| Erbium     | 164-1 | 83       | 92       | 25       | 67       | 54.49  | cps   |
| Erbium     | 164-2 | 27       | 57       | 23       | 36       | 51.64  | cps   |
| Gadolinium | 160-1 | 150      | 108      | 92       | 117      | 25.76  | cps   |
| Gadolinium | 160-2 | 110      | 100      | 113      | 108      | 6.44   | cps   |
| Holmium    | 165-1 | 19618851 | 19611649 | 19426060 | 19552187 | 0.56   | cps   |
| Holmium    | 165-2 | 10068015 | 10038631 | 9913829  | 10006825 | 0.82   | cps   |
| Indium     | 115-1 | 16660020 | 16578968 | 16435573 | 16558187 | 0.69   | cps   |
| Indium     | 115-2 | 3119230  | 3114149  | 3091085  | 3108155  | 0.48   | cps   |
| Iron       | 56-2  | 54619    | 57228    | 54814    | 55554    | 2.62   | cps   |
| Iron       | 57-2  | 1511     | 1717     | 1811     | 1680     | 9.13   | cps   |
| Lead       | 206-1 | 40133    | 39699    | 40629    | 40154    | 1.16   | cps   |
| Lead       | 207-1 | 33593    | 34161    | 33281    | 33678    | 1.33   | cps   |
| Lead       | 208-1 | 156730   | 157360   | 154778   | 156289   | 0.86   | cps   |
| Lithium    | 6-1   | 3031341  | 2998148  | 2973286  | 3000925  | 0.97   | cps   |
| Magnesium  | 24-2  | 270634   | 272611   | 271201   | 271482   | 0.38   | cps   |
| Manganese  | 55-2  | 19887    | 19460    | 19744    | 19697    | 1.10   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-25             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-25-FL3-BRG-W1-B | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 14:59:56  | DataFile Name :   | 049SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1092     | 867      | 933      | 964      | 11.99  | cps   |
| Molybdenum | 95-1  | 425      | 483      | 492      | 467      | 7.78   | cps   |
| Molybdenum | 96-1  | 683      | 683      | 692      | 686      | 0.70   | cps   |
| Molybdenum | 97-1  | 258      | 258      | 233      | 250      | 5.77   | cps   |
| Molybdenum | 98-1  | 842      | 833      | 867      | 847      | 2.05   | cps   |
| Neodymium  | 150-1 | 13       | 20       | 33       | 22       | 45.83  | cps   |
| Neodymium  | 150-2 | 10       | 20       | 17       | 16       | 32.73  | cps   |
| Nickel     | 60-2  | 4874     | 4838     | 4914     | 4875     | 0.79   | cps   |
| Phosphorus | 31-2  | 3242     | 3084     | 2842     | 3056     | 6.59   | cps   |
| Potassium  | 39-2  | 131487   | 130267   | 129864   | 130539   | 0.65   | cps   |
| Rhodium    | 103-1 | 15234788 | 15220577 | 15012471 | 15155945 | 0.82   | cps   |
| Rhodium    | 103-2 | 7486657  | 7497171  | 7431512  | 7471780  | 0.47   | cps   |
| Scandium   | 45-1  | 10087452 | 9834897  | 9835277  | 9919208  | 1.47   | cps   |
| Scandium   | 45-2  | 418901   | 417409   | 415946   | 417419   | 0.35   | cps   |
| Selenium   | 77-2  | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 61       | 59       | 76       | 65       | 13.96  | cps   |
| Selenium   | 82-1  | 4        | 79       | 1        | 28       | 157.23 | cps   |
| Silicon    | 28-1  | 5747144  | 5670694  | 5619847  | 5679228  | 1.13   | cps   |
| Silver     | 109-1 | 192      | 225      | 233      | 217      | 10.17  | cps   |
| Silver     | 107-1 | 183      | 208      | 217      | 203      | 8.56   | cps   |
| Sodium     | 23-2  | 4062545  | 4072899  | 4071281  | 4068908  | 0.14   | cps   |
| Strontium  | 86-1  | 69653    | 67308    | 68497    | 68486    | 1.71   | cps   |
| Strontium  | 88-1  | 601040   | 596271   | 593603   | 596971   | 0.63   | cps   |
| Sulfur     | 34-1  | 321949   | 318649   | 317509   | 319369   | 0.72   | cps   |
| Terbium    | 159-1 | 20693080 | 20595036 | 20475671 | 20587929 | 0.53   | cps   |
| Terbium    | 159-2 | 10177415 | 10190637 | 10124170 | 10164074 | 0.35   | cps   |
| Thallium   | 203-1 | 308      | 325      | 275      | 303      | 8.41   | cps   |
| Thallium   | 205-1 | 592      | 533      | 608      | 578      | 6.82   | cps   |
| Tin        | 118-1 | 2542     | 2534     | 2425     | 2500     | 2.60   | cps   |
| Titanium   | 47-1  | 583      | 767      | 625      | 658      | 14.60  | cps   |
| Uranium    | 238-1 | 383      | 408      | 492      | 428      | 13.26  | cps   |
| Vanadium   | 51-2  | 207      | 117      | 153      | 159      | 28.48  | cps   |
| Yttrium    | 89-1  | 17114295 | 16962166 | 16848929 | 16975130 | 0.78   | cps   |
| Yttrium    | 89-2  | 2365901  | 2373266  | 2352391  | 2363853  | 0.45   | cps   |
| Zinc       | 66-2  | 44354    | 43739    | 44491    | 44195    | 0.91   | cps   |
| Zirconium  | 90-1  | 1567     | 1609     | 1634     | 1603     | 2.10   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-25             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-25-FL3-BRG-W1-B | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 14:59:56  | DataFile Name :   | 049SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 458  | 458  | 417  | 444     | 5.41   | cps   |

LB Number : LB91543 Operator : Jaswal  
 Lab Sample ID : I6356-26 Instrumnet Name : P7  
 Client Sample ID : KAJT-26-FL3-BRG-W1-B Dilution Factor : 1  
 Date & Time Acquired :: 2017-11-10 15:03:28 DataFile Name : 050SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 975      | 767      | 692      | 811      | 18.10  | cps   |
| Antimony   | 121-1 | 1192     | 1375     | 1467     | 1345     | 10.42  | cps   |
| Arsenic    | 75-2  | 124      | 148      | 172      | 148      | 16.25  | cps   |
| Barium     | 135-1 | 40168    | 40226    | 39549    | 39981    | 0.94   | cps   |
| Barium     | 137-1 | 71091    | 69307    | 70521    | 70307    | 1.30   | cps   |
| Beryllium  | 9-1   | 100      | 83       | 89       | 91       | 9.35   | cps   |
| Bismuth    | 209-1 | 12903652 | 12846755 | 12879928 | 12876779 | 0.22   | cps   |
| Bismuth    | 209-2 | 7640772  | 7548397  | 7418921  | 7536030  | 1.48   | cps   |
| Boron      | 10-1  | 1292     | 1150     | 1317     | 1253     | 7.17   | cps   |
| Boron      | 11-1  | 5426     | 5651     | 5118     | 5398     | 4.96   | cps   |
| Cadmium    | 111-1 | 3017     | 3168     | 2932     | 3039     | 3.95   | cps   |
| Cadmium    | 106-1 | 3951     | 4117     | 3751     | 3940     | 4.66   | cps   |
| Cadmium    | 108-1 | 46       | 38       | 21       | 35       | 36.66  | cps   |
| Calcium    | 43-1  | 191870   | 190504   | 190375   | 190916   | 0.43   | cps   |
| Calcium    | 44-1  | 3116679  | 3078211  | 3048288  | 3081059  | 1.11   | cps   |
| Chromium   | 52-2  | 1573     | 1487     | 1690     | 1583     | 6.44   | cps   |
| Cobalt     | 59-2  | 180      | 153      | 160      | 164      | 8.44   | cps   |
| Copper     | 63-2  | 472326   | 475790   | 469404   | 472507   | 0.68   | cps   |
| Dysprosium | 156-1 | 33       | 25       | 25       | 28       | 17.33  | cps   |
| Dysprosium | 156-2 | 20       | 33       | 13       | 22       | 45.83  | cps   |
| Erbium     | 164-1 | 125      | 125      | 67       | 106      | 31.91  | cps   |
| Erbium     | 164-2 | 43       | 63       | 33       | 47       | 32.74  | cps   |
| Gadolinium | 160-1 | 133      | 92       | 92       | 106      | 22.79  | cps   |
| Gadolinium | 160-2 | 97       | 127      | 87       | 103      | 20.14  | cps   |
| Holmium    | 165-1 | 19426832 | 19451468 | 19524015 | 19467438 | 0.26   | cps   |
| Holmium    | 165-2 | 10018343 | 9938349  | 9901859  | 9952850  | 0.60   | cps   |
| Indium     | 115-1 | 16629038 | 16391994 | 16459422 | 16493485 | 0.74   | cps   |
| Indium     | 115-2 | 3110388  | 3092139  | 3064405  | 3088978  | 0.75   | cps   |
| Iron       | 56-2  | 89433    | 91222    | 88308    | 89654    | 1.64   | cps   |
| Iron       | 57-2  | 2617     | 2789     | 2234     | 2547     | 11.17  | cps   |
| Lead       | 206-1 | 305689   | 299688   | 303399   | 302925   | 1.00   | cps   |
| Lead       | 207-1 | 263014   | 254409   | 257338   | 258254   | 1.69   | cps   |
| Lead       | 208-1 | 1212979  | 1183488  | 1194760  | 1197076  | 1.24   | cps   |
| Lithium    | 6-1   | 2987536  | 2948037  | 2955686  | 2963753  | 0.71   | cps   |
| Magnesium  | 24-2  | 263060   | 266071   | 269337   | 266156   | 1.18   | cps   |
| Manganese  | 55-2  | 30148    | 29436    | 29266    | 29617    | 1.58   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-26             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-26-FL3-BRG-W1-B | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 15:03:28  | DataFile Name :   | 050SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD   | Units |
|------------|-------|----------|----------|----------|----------|----------|-------|
| Molybdenum | 94-1  | 1108     | 1192     | 875      | 1058     | 15.51    | cps   |
| Molybdenum | 95-1  | 458      | 383      | 500      | 447      | 13.22    | cps   |
| Molybdenum | 96-1  | 842      | 633      | 642      | 706      | 16.72    | cps   |
| Molybdenum | 97-1  | 233      | 300      | 300      | 278      | 13.86    | cps   |
| Molybdenum | 98-1  | 725      | 717      | 575      | 672      | 12.54    | cps   |
| Neodymium  | 150-1 | 53       | 40       | 33       | 42       | 24.13    | cps   |
| Neodymium  | 150-2 | 23       | 7        | 17       | 16       | 53.90    | cps   |
| Nickel     | 60-2  | 1113     | 1097     | 1133     | 1115     | 1.65     | cps   |
| Phosphorus | 31-2  | 3234     | 3451     | 3309     | 3331     | 3.30     | cps   |
| Potassium  | 39-2  | 129999   | 131443   | 131285   | 130909   | 0.61     | cps   |
| Rhodium    | 103-1 | 15098693 | 15139140 | 14897652 | 15045162 | 0.86     | cps   |
| Rhodium    | 103-2 | 7473517  | 7420211  | 7358434  | 7417387  | 0.78     | cps   |
| Scandium   | 45-1  | 10019532 | 9883706  | 9804314  | 9902517  | 1.10     | cps   |
| Scandium   | 45-2  | 422229   | 415613   | 408027   | 415289   | 1.71     | cps   |
| Selenium   | 77-2  | 0        | 3        | 0        | 1        | 173.21   | cps   |
| Selenium   | 78-2  | 65       | 59       | 57       | 60       | 6.38     | cps   |
| Selenium   | 82-1  | 44       | -40      | -7       | -1       | -3661.42 | cps   |
| Silicon    | 28-1  | 5594464  | 5567656  | 5491864  | 5551328  | 0.96     | cps   |
| Silver     | 109-1 | 200      | 175      | 183      | 186      | 6.84     | cps   |
| Silver     | 107-1 | 283      | 283      | 308      | 292      | 4.95     | cps   |
| Sodium     | 23-2  | 3989955  | 3967119  | 3953959  | 3970344  | 0.46     | cps   |
| Strontium  | 86-1  | 67225    | 69184    | 67861    | 68090    | 1.47     | cps   |
| Strontium  | 88-1  | 591641   | 581990   | 576004   | 583212   | 1.35     | cps   |
| Sulfur     | 34-1  | 323636   | 319741   | 321245   | 321541   | 0.61     | cps   |
| Terbium    | 159-1 | 20666681 | 20393202 | 20381808 | 20480564 | 0.79     | cps   |
| Terbium    | 159-2 | 10139705 | 10086047 | 10050559 | 10092104 | 0.44     | cps   |
| Thallium   | 203-1 | 233      | 208      | 283      | 242      | 15.80    | cps   |
| Thallium   | 205-1 | 600      | 633      | 608      | 614      | 2.83     | cps   |
| Tin        | 118-1 | 1450     | 1492     | 1542     | 1495     | 3.07     | cps   |
| Titanium   | 47-1  | 1586     | 950      | 808      | 1115     | 37.13    | cps   |
| Uranium    | 238-1 | 542      | 500      | 517      | 519      | 4.04     | cps   |
| Vanadium   | 51-2  | 233      | 207      | 140      | 193      | 24.87    | cps   |
| Yttrium    | 89-1  | 16986974 | 16825300 | 16811993 | 16874755 | 0.58     | cps   |
| Yttrium    | 89-2  | 2366511  | 2352709  | 2338097  | 2352439  | 0.60     | cps   |
| Zinc       | 66-2  | 32664    | 32363    | 33144    | 32724    | 1.21     | cps   |
| Zirconium  | 90-1  | 2292     | 1875     | 1925     | 2031     | 11.21    | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-26             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-26-FL3-BRG-W1-B | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 15:03:28  | DataFile Name :   | 050SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 317  | 358  | 500  | 392     | 24.54  | cps   |

LB Number : LB91543 Operator : Jaswal  
 Lab Sample ID : I6356-27 Instrumnet Name : P7  
 Client Sample ID : KAJT-27-FL3-BRG-W1-B Dilution Factor : 1  
 Date & Time Acquired :: 2017-11-10 15:06:59 DataFile Name : 051SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 750      | 833      | 667      | 750      | 11.11  | cps   |
| Antimony   | 121-1 | 1108     | 1058     | 1008     | 1058     | 4.72   | cps   |
| Arsenic    | 75-2  | 139      | 120      | 157      | 139      | 13.33  | cps   |
| Barium     | 135-1 | 39315    | 39340    | 38371    | 39008    | 1.42   | cps   |
| Barium     | 137-1 | 68218    | 67180    | 65781    | 67060    | 1.82   | cps   |
| Beryllium  | 9-1   | 67       | 44       | 94       | 69       | 36.56  | cps   |
| Bismuth    | 209-1 | 13100336 | 12931374 | 12965421 | 12999044 | 0.69   | cps   |
| Bismuth    | 209-2 | 7658519  | 7626457  | 7514039  | 7599672  | 1.00   | cps   |
| Boron      | 10-1  | 983      | 1100     | 1342     | 1142     | 16.01  | cps   |
| Boron      | 11-1  | 5368     | 5443     | 5568     | 5460     | 1.85   | cps   |
| Cadmium    | 111-1 | 3154     | 3239     | 3074     | 3156     | 2.61   | cps   |
| Cadmium    | 106-1 | 3992     | 4117     | 3834     | 3981     | 3.57   | cps   |
| Cadmium    | 108-1 | 46       | 50       | 38       | 44       | 14.32  | cps   |
| Calcium    | 43-1  | 191846   | 190781   | 187507   | 190045   | 1.19   | cps   |
| Calcium    | 44-1  | 3136664  | 3101066  | 3087913  | 3108548  | 0.81   | cps   |
| Chromium   | 52-2  | 1640     | 1643     | 1717     | 1667     | 2.60   | cps   |
| Cobalt     | 59-2  | 170      | 173      | 190      | 178      | 6.03   | cps   |
| Copper     | 63-2  | 318774   | 319641   | 319498   | 319304   | 0.15   | cps   |
| Dysprosium | 156-1 | 58       | 50       | 83       | 64       | 27.15  | cps   |
| Dysprosium | 156-2 | 17       | 20       | 20       | 19       | 10.18  | cps   |
| Erbium     | 164-1 | 125      | 58       | 50       | 78       | 52.85  | cps   |
| Erbium     | 164-2 | 27       | 40       | 27       | 31       | 24.74  | cps   |
| Gadolinium | 160-1 | 92       | 117      | 125      | 111      | 15.61  | cps   |
| Gadolinium | 160-2 | 147      | 120      | 103      | 123      | 17.73  | cps   |
| Holmium    | 165-1 | 19688142 | 19605679 | 19442081 | 19578634 | 0.64   | cps   |
| Holmium    | 165-2 | 10086713 | 10054393 | 9966373  | 10035826 | 0.62   | cps   |
| Indium     | 115-1 | 16709417 | 16589604 | 16587864 | 16628962 | 0.42   | cps   |
| Indium     | 115-2 | 3127177  | 3137144  | 3103259  | 3122527  | 0.56   | cps   |
| Iron       | 56-2  | 86303    | 80062    | 80626    | 82330    | 4.19   | cps   |
| Iron       | 57-2  | 2272     | 2211     | 2606     | 2363     | 8.99   | cps   |
| Lead       | 206-1 | 25748    | 25308    | 25219    | 25425    | 1.11   | cps   |
| Lead       | 207-1 | 22742    | 20856    | 21996    | 21865    | 4.34   | cps   |
| Lead       | 208-1 | 103443   | 99409    | 100088   | 100980   | 2.14   | cps   |
| Lithium    | 6-1   | 3027841  | 2984050  | 2961977  | 2991289  | 1.12   | cps   |
| Magnesium  | 24-2  | 270593   | 271668   | 269470   | 270577   | 0.41   | cps   |
| Manganese  | 55-2  | 29820    | 29333    | 29587    | 29580    | 0.82   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-27             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-27-FL3-BRG-W1-B | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 15:06:59  | DataFile Name :   | 051SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 933      | 742      | 867      | 847      | 11.48  | cps   |
| Molybdenum | 95-1  | 367      | 408      | 492      | 422      | 15.07  | cps   |
| Molybdenum | 96-1  | 642      | 617      | 517      | 592      | 11.18  | cps   |
| Molybdenum | 97-1  | 267      | 275      | 283      | 275      | 3.03   | cps   |
| Molybdenum | 98-1  | 700      | 692      | 542      | 644      | 13.83  | cps   |
| Neodymium  | 150-1 | 40       | 20       | 27       | 29       | 35.25  | cps   |
| Neodymium  | 150-2 | 10       | 13       | 13       | 12       | 15.73  | cps   |
| Nickel     | 60-2  | 747      | 780      | 710      | 746      | 4.70   | cps   |
| Phosphorus | 31-2  | 3251     | 3417     | 3025     | 3231     | 6.08   | cps   |
| Potassium  | 39-2  | 131932   | 130143   | 132840   | 131638   | 1.04   | cps   |
| Rhodium    | 103-1 | 15350434 | 15107884 | 15192406 | 15216908 | 0.81   | cps   |
| Rhodium    | 103-2 | 7518360  | 7459321  | 7446120  | 7474600  | 0.51   | cps   |
| Scandium   | 45-1  | 10059071 | 9982561  | 9998840  | 10013491 | 0.40   | cps   |
| Scandium   | 45-2  | 417689   | 421113   | 409618   | 416140   | 1.42   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 83       | 56       | 41       | 60       | 36.11  | cps   |
| Selenium   | 82-1  | 69       | 14       | 124      | 69       | 79.57  | cps   |
| Silicon    | 28-1  | 5668432  | 5738855  | 5610632  | 5672639  | 1.13   | cps   |
| Silver     | 109-1 | 175      | 200      | 208      | 194      | 8.92   | cps   |
| Silver     | 107-1 | 183      | 242      | 333      | 253      | 29.91  | cps   |
| Sodium     | 23-2  | 3983040  | 4008092  | 3988170  | 3993101  | 0.33   | cps   |
| Strontium  | 86-1  | 69058    | 69695    | 67450    | 68734    | 1.68   | cps   |
| Strontium  | 88-1  | 592572   | 590311   | 584067   | 588984   | 0.75   | cps   |
| Sulfur     | 34-1  | 324002   | 319926   | 323400   | 322443   | 0.68   | cps   |
| Terbium    | 159-1 | 20826553 | 20665345 | 20551936 | 20681278 | 0.67   | cps   |
| Terbium    | 159-2 | 10217200 | 10193092 | 10143979 | 10184757 | 0.37   | cps   |
| Thallium   | 203-1 | 175      | 217      | 233      | 208      | 14.42  | cps   |
| Thallium   | 205-1 | 442      | 642      | 633      | 572      | 19.77  | cps   |
| Tin        | 118-1 | 1058     | 1133     | 1058     | 1083     | 4.00   | cps   |
| Titanium   | 47-1  | 1000     | 683      | 783      | 822      | 19.69  | cps   |
| Uranium    | 238-1 | 742      | 408      | 458      | 536      | 33.53  | cps   |
| Vanadium   | 51-2  | 163      | 163      | 160      | 162      | 1.19   | cps   |
| Yttrium    | 89-1  | 17125974 | 16956679 | 17024103 | 17035585 | 0.50   | cps   |
| Yttrium    | 89-2  | 2385588  | 2373092  | 2358195  | 2372291  | 0.58   | cps   |
| Zinc       | 66-2  | 43354    | 41566    | 41820    | 42247    | 2.29   | cps   |
| Zirconium  | 90-1  | 1875     | 1642     | 1650     | 1722     | 7.69   | cps   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-27             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-27-FL3-BRG-W1-B | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 15:06:59  | DataFile Name :   | 051SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 350  | 383  | 375  | 369     | 4.70   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB91543             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV28               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV28               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-11-10 15:10:30 | DataFile Name :   | 052CCV.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 4634255   | 4568143   | 4659264   | 4620554   | 1.02   | cps   |
| Antimony   | 121-1 | 5136429   | 5159588   | 5180166   | 5158728   | 0.42   | cps   |
| Arsenic    | 75-2  | 174187    | 175206    | 176179    | 175191    | 0.57   | cps   |
| Barium     | 135-1 | 6284899   | 6347909   | 6323861   | 6318890   | 0.50   | cps   |
| Barium     | 137-1 | 10923228  | 11003320  | 11008135  | 10978228  | 0.43   | cps   |
| Beryllium  | 9-1   | 763322    | 760666    | 764542    | 762844    | 0.26   | cps   |
| Bismuth    | 209-1 | 10716686  | 10813729  | 10772845  | 10767753  | 0.45   | cps   |
| Bismuth    | 209-2 | 6345451   | 6346066   | 6366317   | 6352611   | 0.19   | cps   |
| Boron      | 10-1  | 89993     | 91937     | 94476     | 92135     | 2.44   | cps   |
| Boron      | 11-1  | 440679    | 447495    | 453730    | 447301    | 1.46   | cps   |
| Cadmium    | 111-1 | 1163497   | 1167745   | 1172962   | 1168068   | 0.41   | cps   |
| Cadmium    | 106-1 | 124031    | 126889    | 126764    | 125894    | 1.28   | cps   |
| Cadmium    | 108-1 | 87199     | 87828     | 86071     | 87033     | 1.02   | cps   |
| Calcium    | 43-1  | 7491606   | 7525890   | 7571920   | 7529805   | 0.54   | cps   |
| Calcium    | 44-1  | 121172124 | 121698244 | 121613982 | 121494783 | 0.23   | cps   |
| Chromium   | 52-2  | 1558804   | 1558790   | 1571040   | 1562878   | 0.45   | cps   |
| Cobalt     | 59-2  | 2524917   | 2549498   | 2551445   | 2541953   | 0.58   | cps   |
| Copper     | 63-2  | 3564565   | 3578379   | 3609881   | 3584275   | 0.65   | cps   |
| Dysprosium | 156-1 | 92        | 167       | 167       | 142       | 30.57  | cps   |
| Dysprosium | 156-2 | 60        | 53        | 57        | 57        | 5.89   | cps   |
| Erbium     | 164-1 | 100       | 75        | 75        | 83        | 17.33  | cps   |
| Erbium     | 164-2 | 40        | 47        | 47        | 44        | 8.66   | cps   |
| Gadolinium | 160-1 | 133       | 158       | 75        | 122       | 34.99  | cps   |
| Gadolinium | 160-2 | 120       | 123       | 123       | 122       | 1.58   | cps   |
| Holmium    | 165-1 | 17556175  | 17728558  | 17583362  | 17622698  | 0.53   | cps   |
| Holmium    | 165-2 | 9381910   | 9346812   | 9371926   | 9366883   | 0.19   | cps   |
| Indium     | 115-1 | 14293127  | 14308524  | 14383356  | 14328336  | 0.34   | cps   |
| Indium     | 115-2 | 2801399   | 2816087   | 2805895   | 2807794   | 0.27   | cps   |
| Iron       | 56-2  | 316914129 | 318798318 | 319019296 | 318243915 | 0.36   | cps   |
| Iron       | 57-2  | 7799155   | 7783198   | 7853555   | 7811970   | 0.47   | cps   |
| Lead       | 206-1 | 3638507   | 3661105   | 3623216   | 3640943   | 0.52   | cps   |
| Lead       | 207-1 | 3365005   | 3393672   | 3371309   | 3376662   | 0.45   | cps   |
| Lead       | 208-1 | 15291814  | 15408603  | 15345641  | 15348686  | 0.38   | cps   |
| Lithium    | 6-1   | 2610201   | 2634690   | 2627385   | 2624092   | 0.48   | cps   |
| Magnesium  | 24-2  | 53751485  | 53275126  | 53908570  | 53645060  | 0.61   | cps   |
| Manganese  | 55-2  | 1742528   | 1744100   | 1762280   | 1749636   | 0.63   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB91543             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV28               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV28               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-11-10 15:10:30 | DataFile Name :   | 052CCV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3      | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|-----------|----------|--------|-------|
| Molybdenum | 94-1  | 10662711 | 10749495 | 10655878  | 10689361 | 0.49   | cps   |
| Molybdenum | 95-1  | 12720383 | 12782879 | 12790830  | 12764698 | 0.30   | cps   |
| Molybdenum | 96-1  | 14169968 | 14193195 | 14149482  | 14170881 | 0.15   | cps   |
| Molybdenum | 97-1  | 8033276  | 7987559  | 7995315   | 8005383  | 0.31   | cps   |
| Molybdenum | 98-1  | 20781911 | 20885026 | 20764286  | 20810408 | 0.31   | cps   |
| Neodymium  | 150-1 | 287      | 313      | 287       | 296      | 5.21   | cps   |
| Neodymium  | 150-2 | 47       | 50       | 63        | 53       | 16.53  | cps   |
| Nickel     | 60-2  | 655036   | 658085   | 659571    | 657564   | 0.35   | cps   |
| Phosphorus | 31-2  | 46991    | 45721    | 46666     | 46459    | 1.42   | cps   |
| Potassium  | 39-2  | 26493456 | 26553947 | 26830986  | 26626130 | 0.68   | cps   |
| Rhodium    | 103-1 | 12615507 | 12876124 | 12756347  | 12749326 | 1.02   | cps   |
| Rhodium    | 103-2 | 6446269  | 6471337  | 6445265   | 6454290  | 0.23   | cps   |
| Scandium   | 45-1  | 9011637  | 9020674  | 9012033   | 9014781  | 0.06   | cps   |
| Scandium   | 45-2  | 396976   | 395568   | 399727    | 397424   | 0.53   | cps   |
| Selenium   | 77-2  | 3367     | 3280     | 3247      | 3298     | 1.88   | cps   |
| Selenium   | 78-2  | 10724    | 11210    | 11228     | 11054    | 2.59   | cps   |
| Selenium   | 82-1  | 72149    | 72284    | 72071     | 72168    | 0.15   | cps   |
| Silicon    | 28-1  | 3558839  | 3620440  | 3684580   | 3621286  | 1.74   | cps   |
| Silver     | 109-1 | 5660371  | 5694406  | 5656058   | 5670278  | 0.37   | cps   |
| Silver     | 107-1 | 5821900  | 5908679  | 5923704   | 5884761  | 0.93   | cps   |
| Sodium     | 23-2  | 99465104 | 98595042 | 100057579 | 99372575 | 0.74   | cps   |
| Strontium  | 86-1  | 1672786  | 1674708  | 1673404   | 1673633  | 0.06   | cps   |
| Strontium  | 88-1  | 14819799 | 14848743 | 14844682  | 14837741 | 0.11   | cps   |
| Sulfur     | 34-1  | 668768   | 674490   | 668011    | 670423   | 0.53   | cps   |
| Terbium    | 159-1 | 18449093 | 18520167 | 18578285  | 18515848 | 0.35   | cps   |
| Terbium    | 159-2 | 9456599  | 9409464  | 9426490   | 9430851  | 0.25   | cps   |
| Thallium   | 203-1 | 4528967  | 4550761  | 4538991   | 4539573  | 0.24   | cps   |
| Thallium   | 205-1 | 11018030 | 11079565 | 11050367  | 11049320 | 0.28   | cps   |
| Tin        | 118-1 | 4100747  | 4104310  | 4117946   | 4107668  | 0.22   | cps   |
| Titanium   | 47-1  | 3454028  | 3468529  | 3477102   | 3466553  | 0.34   | cps   |
| Uranium    | 238-1 | 16762171 | 16812497 | 16798212  | 16790960 | 0.15   | cps   |
| Vanadium   | 51-2  | 1305655  | 1306513  | 1313549   | 1308573  | 0.33   | cps   |
| Yttrium    | 89-1  | 15254114 | 15328086 | 15326765  | 15302988 | 0.28   | cps   |
| Yttrium    | 89-2  | 2215823  | 2243591  | 2245867   | 2235094  | 0.75   | cps   |
| Zinc       | 66-2  | 485831   | 489575   | 489423    | 488276   | 0.43   | cps   |
| Zirconium  | 90-1  | 9248269  | 9282949  | 9271643   | 9267621  | 0.19   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB91543             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV28               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV28               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-11-10 15:10:30 | DataFile Name :   | 052CCV.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 1998641 | 2012640 | 2007341 | 2006207 | 0.35   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB28               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB28               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 15:14:05 | DataFile Name :   | 053CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 183      | 117      | 125      | 142      | 25.64  | cps   |
| Antimony   | 121-1 | 16661    | 15843    | 14758    | 15754    | 6.06   | cps   |
| Arsenic    | 75-2  | 26       | 28       | 50       | 35       | 38.75  | cps   |
| Barium     | 135-1 | 142      | 208      | 150      | 167      | 21.80  | cps   |
| Barium     | 137-1 | 250      | 383      | 300      | 311      | 21.65  | cps   |
| Beryllium  | 9-1   | 178      | 189      | 178      | 181      | 3.54   | cps   |
| Bismuth    | 209-1 | 12012725 | 12053356 | 11960270 | 12008784 | 0.39   | cps   |
| Bismuth    | 209-2 | 7242120  | 7238076  | 7220556  | 7233584  | 0.16   | cps   |
| Boron      | 10-1  | 2634     | 2659     | 2217     | 2503     | 9.91   | cps   |
| Boron      | 11-1  | 13698    | 11555    | 11171    | 12141    | 11.22  | cps   |
| Cadmium    | 111-1 | 2625     | 2690     | 2708     | 2674     | 1.64   | cps   |
| Cadmium    | 106-1 | 3617     | 3751     | 3784     | 3717     | 2.37   | cps   |
| Cadmium    | 108-1 | 17       | 8        | 17       | 14       | 34.67  | cps   |
| Calcium    | 43-1  | 392      | 417      | 417      | 408      | 3.53   | cps   |
| Calcium    | 44-1  | 21792    | 22134    | 21967    | 21964    | 0.78   | cps   |
| Chromium   | 52-2  | 1703     | 1817     | 1547     | 1689     | 8.03   | cps   |
| Cobalt     | 59-2  | 223      | 160      | 177      | 187      | 17.59  | cps   |
| Copper     | 63-2  | 2004     | 2124     | 2024     | 2050     | 3.14   | cps   |
| Dysprosium | 156-1 | 8        | 8        | 8        | 8        | 0.00   | cps   |
| Dysprosium | 156-2 | 0        | 3        | 3        | 2        | 86.60  | cps   |
| Erbium     | 164-1 | 33       | 50       | 75       | 53       | 39.73  | cps   |
| Erbium     | 164-2 | 47       | 27       | 7        | 27       | 74.99  | cps   |
| Gadolinium | 160-1 | 58       | 75       | 125      | 86       | 40.29  | cps   |
| Gadolinium | 160-2 | 70       | 87       | 83       | 80       | 11.03  | cps   |
| Holmium    | 165-1 | 18266496 | 18184757 | 18111870 | 18187708 | 0.43   | cps   |
| Holmium    | 165-2 | 9628133  | 9579156  | 9595350  | 9600880  | 0.26   | cps   |
| Indium     | 115-1 | 15564758 | 15554021 | 15480363 | 15533048 | 0.30   | cps   |
| Indium     | 115-2 | 2977988  | 2986402  | 2987508  | 2983966  | 0.17   | cps   |
| Iron       | 56-2  | 17444    | 16710    | 15308    | 16487    | 6.58   | cps   |
| Iron       | 57-2  | 594      | 406      | 439      | 480      | 21.02  | cps   |
| Lead       | 206-1 | 1478     | 1622     | 1539     | 1546     | 4.69   | cps   |
| Lead       | 207-1 | 1378     | 1389     | 1445     | 1404     | 2.55   | cps   |
| Lead       | 208-1 | 6334     | 6390     | 6512     | 6412     | 1.42   | cps   |
| Lithium    | 6-1   | 2770965  | 2767739  | 2767698  | 2768801  | 0.07   | cps   |
| Magnesium  | 24-2  | 1325     | 1275     | 1058     | 1220     | 11.62  | cps   |
| Manganese  | 55-2  | 160      | 150      | 230      | 180      | 24.22  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB28               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB28               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 15:14:05 | DataFile Name :   | 053CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 4334     | 3592     | 3709     | 3878     | 10.29  | cps   |
| Molybdenum | 95-1  | 5176     | 4893     | 4634     | 4901     | 5.53   | cps   |
| Molybdenum | 96-1  | 6043     | 5385     | 4843     | 5423     | 11.08  | cps   |
| Molybdenum | 97-1  | 3434     | 2850     | 3159     | 3148     | 9.27   | cps   |
| Molybdenum | 98-1  | 8103     | 7627     | 7169     | 7633     | 6.12   | cps   |
| Neodymium  | 150-1 | 13       | 0        | 0        | 4        | 173.21 | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Nickel     | 60-2  | 113      | 150      | 100      | 121      | 21.38  | cps   |
| Phosphorus | 31-2  | 92       | 92       | 67       | 83       | 17.32  | cps   |
| Potassium  | 39-2  | 22176    | 21541    | 22034    | 21917    | 1.52   | cps   |
| Rhodium    | 103-1 | 14223014 | 14337059 | 14246986 | 14269020 | 0.42   | cps   |
| Rhodium    | 103-2 | 7196012  | 7160140  | 7194374  | 7183509  | 0.28   | cps   |
| Scandium   | 45-1  | 9326376  | 9344441  | 9349895  | 9340237  | 0.13   | cps   |
| Scandium   | 45-2  | 403152   | 399645   | 405242   | 402680   | 0.70   | cps   |
| Selenium   | 77-2  | 0        | 7        | 0        | 2        | 173.21 | cps   |
| Selenium   | 78-2  | 67       | 74       | 69       | 70       | 5.52   | cps   |
| Selenium   | 82-1  | 39       | 7        | 26       | 24       | 67.91  | cps   |
| Silicon    | 28-1  | 213394   | 210030   | 207419   | 210281   | 1.42   | cps   |
| Silver     | 109-1 | 358      | 242      | 292      | 297      | 19.69  | cps   |
| Silver     | 107-1 | 408      | 475      | 483      | 456      | 9.02   | cps   |
| Sodium     | 23-2  | 23002    | 23027    | 24195    | 23408    | 2.91   | cps   |
| Strontium  | 86-1  | 667      | 758      | 750      | 725      | 6.99   | cps   |
| Strontium  | 88-1  | 542      | 542      | 450      | 511      | 10.35  | cps   |
| Sulfur     | 34-1  | 257385   | 252429   | 255641   | 255151   | 0.99   | cps   |
| Terbium    | 159-1 | 19147948 | 19162991 | 19186733 | 19165891 | 0.10   | cps   |
| Terbium    | 159-2 | 9712431  | 9691450  | 9740595  | 9714825  | 0.25   | cps   |
| Thallium   | 203-1 | 2067     | 1909     | 1684     | 1886     | 10.21  | cps   |
| Thallium   | 205-1 | 4934     | 4359     | 4151     | 4482     | 9.06   | cps   |
| Tin        | 118-1 | 4576     | 3826     | 3526     | 3976     | 13.61  | cps   |
| Titanium   | 47-1  | 375      | 325      | 358      | 353      | 7.22   | cps   |
| Uranium    | 238-1 | 692      | 683      | 608      | 661      | 6.94   | cps   |
| Vanadium   | 51-2  | 47       | 33       | 33       | 38       | 20.39  | cps   |
| Yttrium    | 89-1  | 16033772 | 16035184 | 16022219 | 16030392 | 0.04   | cps   |
| Yttrium    | 89-2  | 2286237  | 2274807  | 2281108  | 2280718  | 0.25   | cps   |
| Zinc       | 66-2  | 3731     | 3641     | 3841     | 3737     | 2.68   | cps   |
| Zirconium  | 90-1  | 3259     | 3025     | 3192     | 3159     | 3.81   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB28               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB28               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 15:14:05 | DataFile Name :   | 053CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 717  | 750  | 567  | 678     | 14.41  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-28             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-28-FL3-BRG-W1-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 15:17:36  | DataFile Name :   | 054SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 717      | 683      | 725      | 708      | 3.11   | cps   |
| Antimony   | 121-1 | 3909     | 3901     | 3951     | 3920     | 0.68   | cps   |
| Arsenic    | 75-2  | 163      | 137      | 176      | 159      | 12.48  | cps   |
| Barium     | 135-1 | 39490    | 38788    | 38839    | 39039    | 1.00   | cps   |
| Barium     | 137-1 | 70531    | 69558    | 67531    | 69207    | 2.21   | cps   |
| Beryllium  | 9-1   | 128      | 150      | 122      | 133      | 11.02  | cps   |
| Bismuth    | 209-1 | 13261819 | 13049619 | 12935542 | 13082326 | 1.27   | cps   |
| Bismuth    | 209-2 | 7753536  | 7693435  | 7653811  | 7700260  | 0.65   | cps   |
| Boron      | 10-1  | 1792     | 1917     | 1850     | 1853     | 3.38   | cps   |
| Boron      | 11-1  | 9353     | 9245     | 8845     | 9148     | 2.93   | cps   |
| Cadmium    | 111-1 | 3213     | 2940     | 3110     | 3087     | 4.47   | cps   |
| Cadmium    | 106-1 | 4167     | 3826     | 4092     | 4029     | 4.46   | cps   |
| Cadmium    | 108-1 | 54       | 67       | 67       | 63       | 11.55  | cps   |
| Calcium    | 43-1  | 195568   | 196387   | 191078   | 194344   | 1.47   | cps   |
| Calcium    | 44-1  | 3212810  | 3150276  | 3127161  | 3163416  | 1.40   | cps   |
| Chromium   | 52-2  | 1497     | 1497     | 1460     | 1485     | 1.43   | cps   |
| Cobalt     | 59-2  | 210      | 190      | 247      | 216      | 13.33  | cps   |
| Copper     | 63-2  | 802509   | 798335   | 792252   | 797699   | 0.65   | cps   |
| Dysprosium | 156-1 | 25       | 33       | 17       | 25       | 33.32  | cps   |
| Dysprosium | 156-2 | 10       | 17       | 23       | 17       | 39.99  | cps   |
| Erbium     | 164-1 | 83       | 108      | 58       | 83       | 30.00  | cps   |
| Erbium     | 164-2 | 57       | 53       | 30       | 47       | 31.14  | cps   |
| Gadolinium | 160-1 | 92       | 100      | 150      | 114      | 27.70  | cps   |
| Gadolinium | 160-2 | 87       | 130      | 123      | 113      | 20.59  | cps   |
| Holmium    | 165-1 | 19989891 | 19766350 | 19518910 | 19758384 | 1.19   | cps   |
| Holmium    | 165-2 | 10295150 | 10183441 | 10120440 | 10199677 | 0.87   | cps   |
| Indium     | 115-1 | 17186954 | 16916351 | 16656406 | 16919904 | 1.57   | cps   |
| Indium     | 115-2 | 3189016  | 3173469  | 3162983  | 3175156  | 0.41   | cps   |
| Iron       | 56-2  | 58037    | 58522    | 57200    | 57920    | 1.15   | cps   |
| Iron       | 57-2  | 1772     | 1784     | 1506     | 1687     | 9.32   | cps   |
| Lead       | 206-1 | 327359   | 324511   | 319938   | 323936   | 1.16   | cps   |
| Lead       | 207-1 | 275767   | 271621   | 271010   | 272799   | 0.95   | cps   |
| Lead       | 208-1 | 1281577  | 1261205  | 1253444  | 1265408  | 1.15   | cps   |
| Lithium    | 6-1   | 3056614  | 3021288  | 2990230  | 3022711  | 1.10   | cps   |
| Magnesium  | 24-2  | 274281   | 277304   | 274357   | 275314   | 0.63   | cps   |
| Manganese  | 55-2  | 19486    | 19283    | 19176    | 19315    | 0.82   | cps   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-28             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-28-FL3-BRG-W1-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 15:17:36  | DataFile Name :   | 054SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 5360     | 4251     | 3951     | 4520     | 16.42  | cps   |
| Molybdenum | 95-1  | 1675     | 1292     | 1475     | 1481     | 12.95  | cps   |
| Molybdenum | 96-1  | 2400     | 1934     | 2392     | 2242     | 11.91  | cps   |
| Molybdenum | 97-1  | 967      | 1000     | 1075     | 1014     | 5.47   | cps   |
| Molybdenum | 98-1  | 2809     | 2484     | 2442     | 2578     | 7.79   | cps   |
| Neodymium  | 150-1 | 47       | 13       | 20       | 27       | 66.16  | cps   |
| Neodymium  | 150-2 | 10       | 13       | 17       | 13       | 25.01  | cps   |
| Nickel     | 60-2  | 2647     | 2814     | 2874     | 2778     | 4.23   | cps   |
| Phosphorus | 31-2  | 3242     | 2909     | 3225     | 3125     | 6.01   | cps   |
| Potassium  | 39-2  | 133723   | 132847   | 134900   | 133823   | 0.77   | cps   |
| Rhodium    | 103-1 | 15617021 | 15435591 | 15257323 | 15436645 | 1.17   | cps   |
| Rhodium    | 103-2 | 7606228  | 7546754  | 7568756  | 7573913  | 0.40   | cps   |
| Scandium   | 45-1  | 10291731 | 10143361 | 10078325 | 10171139 | 1.08   | cps   |
| Scandium   | 45-2  | 425386   | 425746   | 427054   | 426062   | 0.21   | cps   |
| Selenium   | 77-2  | 7        | 3        | 0        | 3        | 100.05 | cps   |
| Selenium   | 78-2  | 72       | 78       | 91       | 80       | 11.84  | cps   |
| Selenium   | 82-1  | 12       | 33       | 49       | 31       | 58.47  | cps   |
| Silicon    | 28-1  | 5815909  | 5711173  | 5709271  | 5745451  | 1.06   | cps   |
| Silver     | 109-1 | 233      | 250      | 183      | 222      | 15.61  | cps   |
| Silver     | 107-1 | 342      | 342      | 258      | 314      | 15.33  | cps   |
| Sodium     | 23-2  | 4102369  | 4131805  | 4082339  | 4105504  | 0.61   | cps   |
| Strontium  | 86-1  | 71118    | 69293    | 70164    | 70192    | 1.30   | cps   |
| Strontium  | 88-1  | 603648   | 602760   | 592785   | 599731   | 1.01   | cps   |
| Sulfur     | 34-1  | 307952   | 310712   | 308557   | 309074   | 0.47   | cps   |
| Terbium    | 159-1 | 21154178 | 20975727 | 20543483 | 20891129 | 1.50   | cps   |
| Terbium    | 159-2 | 10378235 | 10295114 | 10227333 | 10300227 | 0.73   | cps   |
| Thallium   | 203-1 | 592      | 658      | 667      | 639      | 6.43   | cps   |
| Thallium   | 205-1 | 1867     | 1959     | 1550     | 1792     | 11.96  | cps   |
| Tin        | 118-1 | 9720     | 9595     | 10087    | 9801     | 2.61   | cps   |
| Titanium   | 47-1  | 625      | 567      | 917      | 703      | 26.69  | cps   |
| Uranium    | 238-1 | 575      | 725      | 617      | 639      | 12.12  | cps   |
| Vanadium   | 51-2  | 153      | 153      | 157      | 154      | 1.24   | cps   |
| Yttrium    | 89-1  | 17539882 | 17358653 | 17136709 | 17345082 | 1.16   | cps   |
| Yttrium    | 89-2  | 2432062  | 2418602  | 2407361  | 2419342  | 0.51   | cps   |
| Zinc       | 66-2  | 60642    | 60344    | 60676    | 60554    | 0.30   | cps   |
| Zirconium  | 90-1  | 10821    | 9370     | 8436     | 9543     | 12.60  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-28             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-28-FL3-BRG-W1-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 15:17:36  | DataFile Name :   | 054SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 2342 | 2042 | 1800 | 2061    | 13.17  | cps   |

LB Number : LB91543 Operator : Jaswal  
 Lab Sample ID : I6356-29 Instrumnet Name : P7  
 Client Sample ID : KAJT-29-FL3-BRG-W1-F Dilution Factor : 1  
 Date & Time Acquired :: 2017-11-10 15:21:08 DataFile Name : 055SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 900      | 783      | 867      | 850      | 7.07   | cps   |
| Antimony   | 121-1 | 2559     | 2417     | 2625     | 2534     | 4.20   | cps   |
| Arsenic    | 75-2  | 165      | 152      | 169      | 162      | 5.41   | cps   |
| Barium     | 135-1 | 41213    | 40460    | 38638    | 40104    | 3.30   | cps   |
| Barium     | 137-1 | 69583    | 69491    | 67682    | 68919    | 1.56   | cps   |
| Beryllium  | 9-1   | 94       | 106      | 100      | 100      | 5.55   | cps   |
| Bismuth    | 209-1 | 13013792 | 12946983 | 12875995 | 12945590 | 0.53   | cps   |
| Bismuth    | 209-2 | 7572482  | 7712804  | 7668703  | 7651330  | 0.94   | cps   |
| Boron      | 10-1  | 1733     | 1767     | 1634     | 1711     | 4.05   | cps   |
| Boron      | 11-1  | 7827     | 7519     | 7861     | 7736     | 2.44   | cps   |
| Cadmium    | 111-1 | 2756     | 2948     | 2979     | 2894     | 4.17   | cps   |
| Cadmium    | 106-1 | 3551     | 3892     | 3917     | 3787     | 5.41   | cps   |
| Cadmium    | 108-1 | 42       | 21       | 54       | 39       | 43.31  | cps   |
| Calcium    | 43-1  | 193086   | 190438   | 189634   | 191053   | 0.95   | cps   |
| Calcium    | 44-1  | 3107165  | 3115353  | 3072488  | 3098335  | 0.73   | cps   |
| Chromium   | 52-2  | 1687     | 1470     | 1730     | 1629     | 8.55   | cps   |
| Cobalt     | 59-2  | 197      | 230      | 210      | 212      | 7.91   | cps   |
| Copper     | 63-2  | 467738   | 467613   | 467911   | 467754   | 0.03   | cps   |
| Dysprosium | 156-1 | 75       | 33       | 33       | 47       | 50.95  | cps   |
| Dysprosium | 156-2 | 13       | 23       | 17       | 18       | 28.64  | cps   |
| Erbium     | 164-1 | 117      | 117      | 33       | 89       | 54.12  | cps   |
| Erbium     | 164-2 | 37       | 40       | 27       | 34       | 20.14  | cps   |
| Gadolinium | 160-1 | 158      | 100      | 208      | 156      | 34.86  | cps   |
| Gadolinium | 160-2 | 150      | 107      | 133      | 130      | 16.81  | cps   |
| Holmium    | 165-1 | 19843061 | 19725797 | 19621546 | 19730135 | 0.56   | cps   |
| Holmium    | 165-2 | 10090880 | 10163874 | 10127626 | 10127460 | 0.36   | cps   |
| Indium     | 115-1 | 16961837 | 16537409 | 16612548 | 16703931 | 1.36   | cps   |
| Indium     | 115-2 | 3120060  | 3157728  | 3154824  | 3144204  | 0.67   | cps   |
| Iron       | 56-2  | 85489    | 86988    | 90145    | 87541    | 2.71   | cps   |
| Iron       | 57-2  | 2523     | 2478     | 2623     | 2541     | 2.91   | cps   |
| Lead       | 206-1 | 412433   | 407022   | 400641   | 406699   | 1.45   | cps   |
| Lead       | 207-1 | 350720   | 343701   | 344850   | 346424   | 1.09   | cps   |
| Lead       | 208-1 | 1624088  | 1595936  | 1592838  | 1604287  | 1.07   | cps   |
| Lithium    | 6-1   | 3005972  | 2983175  | 2957898  | 2982349  | 0.81   | cps   |
| Magnesium  | 24-2  | 271899   | 272442   | 267750   | 270697   | 0.95   | cps   |
| Manganese  | 55-2  | 28645    | 27943    | 27977    | 28188    | 1.40   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-29             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-29-FL3-BRG-W1-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 15:21:08  | DataFile Name :   | 055SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 2325     | 2475     | 2409     | 2403     | 3.13   | cps   |
| Molybdenum | 95-1  | 975      | 942      | 950      | 956      | 1.82   | cps   |
| Molybdenum | 96-1  | 1075     | 1283     | 1492     | 1283     | 16.23  | cps   |
| Molybdenum | 97-1  | 650      | 742      | 592      | 661      | 11.44  | cps   |
| Molybdenum | 98-1  | 1642     | 1458     | 1700     | 1600     | 7.88   | cps   |
| Neodymium  | 150-1 | 53       | 40       | 47       | 47       | 14.29  | cps   |
| Neodymium  | 150-2 | 20       | 10       | 27       | 19       | 44.42  | cps   |
| Nickel     | 60-2  | 403      | 503      | 490      | 466      | 11.66  | cps   |
| Phosphorus | 31-2  | 3442     | 3592     | 3309     | 3448     | 4.11   | cps   |
| Potassium  | 39-2  | 132546   | 132605   | 135496   | 133549   | 1.26   | cps   |
| Rhodium    | 103-1 | 15392008 | 15165119 | 15248453 | 15268527 | 0.75   | cps   |
| Rhodium    | 103-2 | 7437351  | 7526940  | 7501228  | 7488506  | 0.62   | cps   |
| Scandium   | 45-1  | 10029927 | 10082085 | 9973068  | 10028360 | 0.54   | cps   |
| Scandium   | 45-2  | 414653   | 423635   | 425315   | 421201   | 1.36   | cps   |
| Selenium   | 77-2  | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 98       | 76       | 70       | 81       | 18.04  | cps   |
| Selenium   | 82-1  | 24       | 99       | 10       | 44       | 108.05 | cps   |
| Silicon    | 28-1  | 5663132  | 5659080  | 5658063  | 5660092  | 0.05   | cps   |
| Silver     | 109-1 | 308      | 183      | 175      | 222      | 33.61  | cps   |
| Silver     | 107-1 | 267      | 275      | 292      | 278      | 4.58   | cps   |
| Sodium     | 23-2  | 4003863  | 3973008  | 4006966  | 3994612  | 0.47   | cps   |
| Strontium  | 86-1  | 68630    | 69034    | 68338    | 68667    | 0.51   | cps   |
| Strontium  | 88-1  | 597624   | 585812   | 582358   | 588598   | 1.36   | cps   |
| Sulfur     | 34-1  | 309249   | 308950   | 303601   | 307266   | 1.03   | cps   |
| Terbium    | 159-1 | 20920521 | 20642241 | 20662334 | 20741698 | 0.75   | cps   |
| Terbium    | 159-2 | 10127843 | 10282417 | 10242602 | 10217620 | 0.79   | cps   |
| Thallium   | 203-1 | 558      | 442      | 483      | 494      | 11.96  | cps   |
| Thallium   | 205-1 | 1183     | 1217     | 1200     | 1200     | 1.39   | cps   |
| Tin        | 118-1 | 2867     | 2909     | 3017     | 2931     | 2.64   | cps   |
| Titanium   | 47-1  | 1017     | 683      | 1025     | 909      | 21.47  | cps   |
| Uranium    | 238-1 | 692      | 708      | 550      | 650      | 13.39  | cps   |
| Vanadium   | 51-2  | 183      | 227      | 177      | 196      | 13.88  | cps   |
| Yttrium    | 89-1  | 17294914 | 17086655 | 17091825 | 17157798 | 0.69   | cps   |
| Yttrium    | 89-2  | 2368177  | 2395523  | 2406991  | 2390230  | 0.83   | cps   |
| Zinc       | 66-2  | 24544    | 24798    | 24768    | 24703    | 0.56   | cps   |
| Zirconium  | 90-1  | 4609     | 4276     | 4534     | 4473     | 3.91   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-29             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-29-FL3-BRG-W1-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 15:21:08  | DataFile Name :   | 055SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 1292 | 967  | 692  | 983     | 30.55  | cps   |

LB Number : LB91543 Operator : Jaswal  
 Lab Sample ID : I6356-30 Instrumnet Name : P7  
 Client Sample ID : KAJT-30-FL3-BRG-W1-F Dilution Factor : 1  
 Date & Time Acquired :: 2017-11-10 15:24:39 DataFile Name : 056SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 692      | 733      | 958      | 795      | 18.06  | cps   |
| Antimony   | 121-1 | 1867     | 1709     | 1742     | 1772     | 4.71   | cps   |
| Arsenic    | 75-2  | 187      | 170      | 150      | 169      | 10.97  | cps   |
| Barium     | 135-1 | 37510    | 37159    | 39549    | 38073    | 3.39   | cps   |
| Barium     | 137-1 | 66368    | 66837    | 66402    | 66536    | 0.39   | cps   |
| Beryllium  | 9-1   | 106      | 111      | 50       | 89       | 38.02  | cps   |
| Bismuth    | 209-1 | 13036505 | 13003460 | 13013324 | 13017763 | 0.13   | cps   |
| Bismuth    | 209-2 | 7747003  | 7745919  | 7746591  | 7746504  | 0.01   | cps   |
| Boron      | 10-1  | 1358     | 1375     | 1467     | 1400     | 4.17   | cps   |
| Boron      | 11-1  | 7419     | 6810     | 6885     | 7038     | 4.71   | cps   |
| Cadmium    | 111-1 | 3164     | 3171     | 3408     | 3248     | 4.27   | cps   |
| Cadmium    | 106-1 | 3934     | 4034     | 4259     | 4076     | 4.09   | cps   |
| Cadmium    | 108-1 | 63       | 58       | 46       | 56       | 15.62  | cps   |
| Calcium    | 43-1  | 189854   | 187346   | 186899   | 188033   | 0.85   | cps   |
| Calcium    | 44-1  | 3105735  | 3075414  | 3049499  | 3076883  | 0.91   | cps   |
| Chromium   | 52-2  | 1360     | 1520     | 1367     | 1416     | 6.39   | cps   |
| Cobalt     | 59-2  | 133      | 203      | 197      | 178      | 21.73  | cps   |
| Copper     | 63-2  | 298691   | 299373   | 301926   | 299997   | 0.57   | cps   |
| Dysprosium | 156-1 | 67       | 58       | 8        | 44       | 70.99  | cps   |
| Dysprosium | 156-2 | 17       | 20       | 23       | 20       | 16.65  | cps   |
| Erbium     | 164-1 | 108      | 67       | 75       | 83       | 26.46  | cps   |
| Erbium     | 164-2 | 33       | 33       | 50       | 39       | 24.75  | cps   |
| Gadolinium | 160-1 | 133      | 133      | 150      | 139      | 6.93   | cps   |
| Gadolinium | 160-2 | 113      | 110      | 133      | 119      | 10.62  | cps   |
| Holmium    | 165-1 | 19860674 | 19721047 | 19595436 | 19725719 | 0.67   | cps   |
| Holmium    | 165-2 | 10258740 | 10203958 | 10240052 | 10234250 | 0.27   | cps   |
| Indium     | 115-1 | 16821863 | 16661892 | 16762869 | 16748875 | 0.48   | cps   |
| Indium     | 115-2 | 3175606  | 3165121  | 3164775  | 3168501  | 0.19   | cps   |
| Iron       | 56-2  | 75690    | 76275    | 81278    | 77748    | 3.95   | cps   |
| Iron       | 57-2  | 2200     | 2106     | 2473     | 2259     | 8.43   | cps   |
| Lead       | 206-1 | 16778    | 16639    | 16088    | 16501    | 2.21   | cps   |
| Lead       | 207-1 | 13891    | 13719    | 13908    | 13839    | 0.76   | cps   |
| Lead       | 208-1 | 64919    | 63995    | 63488    | 64134    | 1.13   | cps   |
| Lithium    | 6-1   | 3000607  | 2954228  | 2964629  | 2973154  | 0.82   | cps   |
| Magnesium  | 24-2  | 270846   | 269148   | 267623   | 269206   | 0.60   | cps   |
| Manganese  | 55-2  | 26734    | 27195    | 27202    | 27044    | 0.99   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-30             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-30-FL3-BRG-W1-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 15:24:39  | DataFile Name :   | 056SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1834     | 1467     | 1659     | 1653     | 11.10  | cps   |
| Molybdenum | 95-1  | 733      | 733      | 658      | 708      | 6.11   | cps   |
| Molybdenum | 96-1  | 992      | 1167     | 908      | 1022     | 12.90  | cps   |
| Molybdenum | 97-1  | 442      | 475      | 475      | 464      | 4.15   | cps   |
| Molybdenum | 98-1  | 1267     | 1150     | 1108     | 1175     | 6.99   | cps   |
| Neodymium  | 150-1 | 67       | 53       | 33       | 51       | 32.83  | cps   |
| Neodymium  | 150-2 | 20       | 13       | 17       | 17       | 20.01  | cps   |
| Nickel     | 60-2  | 473      | 423      | 473      | 457      | 6.32   | cps   |
| Phosphorus | 31-2  | 3267     | 3442     | 3167     | 3292     | 4.23   | cps   |
| Potassium  | 39-2  | 131082   | 133135   | 131437   | 131885   | 0.83   | cps   |
| Rhodium    | 103-1 | 15325553 | 15253311 | 15226317 | 15268394 | 0.34   | cps   |
| Rhodium    | 103-2 | 7560982  | 7541410  | 7554952  | 7552448  | 0.13   | cps   |
| Scandium   | 45-1  | 9981606  | 9952833  | 9916948  | 9950463  | 0.33   | cps   |
| Scandium   | 45-2  | 427562   | 424568   | 424806   | 425645   | 0.39   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 83       | 65       | 67       | 72       | 14.24  | cps   |
| Selenium   | 82-1  | -48      | -60      | -31      | -47      | -30.57 | cps   |
| Silicon    | 28-1  | 5645813  | 5579544  | 5563203  | 5596186  | 0.78   | cps   |
| Silver     | 109-1 | 167      | 175      | 217      | 186      | 14.40  | cps   |
| Silver     | 107-1 | 275      | 267      | 292      | 278      | 4.58   | cps   |
| Sodium     | 23-2  | 4006449  | 3989331  | 3962973  | 3986251  | 0.55   | cps   |
| Strontium  | 86-1  | 68572    | 68263    | 67543    | 68126    | 0.77   | cps   |
| Strontium  | 88-1  | 597169   | 584436   | 580892   | 587499   | 1.46   | cps   |
| Sulfur     | 34-1  | 308925   | 308015   | 307291   | 308077   | 0.27   | cps   |
| Terbium    | 159-1 | 20816085 | 20700978 | 20809449 | 20775504 | 0.31   | cps   |
| Terbium    | 159-2 | 10295250 | 10346756 | 10292604 | 10311537 | 0.30   | cps   |
| Thallium   | 203-1 | 317      | 392      | 367      | 358      | 10.66  | cps   |
| Thallium   | 205-1 | 958      | 975      | 933      | 956      | 2.19   | cps   |
| Tin        | 118-1 | 2150     | 2109     | 2200     | 2153     | 2.13   | cps   |
| Titanium   | 47-1  | 908      | 758      | 808      | 825      | 9.26   | cps   |
| Uranium    | 238-1 | 650      | 808      | 492      | 650      | 24.36  | cps   |
| Vanadium   | 51-2  | 187      | 177      | 157      | 173      | 8.81   | cps   |
| Yttrium    | 89-1  | 17098156 | 16968214 | 17030185 | 17032185 | 0.38   | cps   |
| Yttrium    | 89-2  | 2398152  | 2381756  | 2412459  | 2397456  | 0.64   | cps   |
| Zinc       | 66-2  | 38701    | 38364    | 38548    | 38538    | 0.44   | cps   |
| Zirconium  | 90-1  | 3159     | 3309     | 3184     | 3217     | 2.50   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB91543              | Operator :        | Jaswal    |
| Lab Sample ID :         | I6356-30             | Instrumnet Name : | P7        |
| Client Sample ID :      | KAJT-30-FL3-BRG-W1-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 15:24:39  | DataFile Name :   | 056SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 792  | 725  | 750  | 756     | 4.46   | cps   |



LB Number : LB91543 Operator : Jaswal  
 Lab Sample ID : PB104168BL Instrumnet Name : P7  
 Client Sample ID : PB104168BL Dilution Factor : 1  
 Date & Time Acquired :: 2017-11-10 15:31:11 DataFile Name : 057CCBE.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 117      | 75       | 75       | 89       | 27.07  | cps   |
| Antimony   | 121-1 | 1250     | 1100     | 1058     | 1136     | 8.87   | cps   |
| Arsenic    | 75-2  | 17       | 13       | 9        | 13       | 28.58  | cps   |
| Barium     | 135-1 | 233      | 158      | 158      | 183      | 23.62  | cps   |
| Barium     | 137-1 | 200      | 183      | 217      | 200      | 8.33   | cps   |
| Beryllium  | 9-1   | 61       | 89       | 111      | 87       | 28.79  | cps   |
| Bismuth    | 209-1 | 12006257 | 12020504 | 12058072 | 12028277 | 0.22   | cps   |
| Bismuth    | 209-2 | 7221507  | 7220340  | 7220287  | 7220711  | 0.01   | cps   |
| Boron      | 10-1  | 358      | 408      | 392      | 386      | 6.59   | cps   |
| Boron      | 11-1  | 2009     | 1759     | 1784     | 1850     | 7.44   | cps   |
| Cadmium    | 111-1 | 2543     | 2417     | 2333     | 2431     | 4.35   | cps   |
| Cadmium    | 106-1 | 3609     | 3417     | 3334     | 3453     | 4.08   | cps   |
| Cadmium    | 108-1 | 0        | 13       | 25       | 13       | 100.00 | cps   |
| Calcium    | 43-1  | 242      | 275      | 192      | 236      | 17.77  | cps   |
| Calcium    | 44-1  | 18754    | 18229    | 18863    | 18615    | 1.82   | cps   |
| Chromium   | 52-2  | 1627     | 1420     | 1547     | 1531     | 6.81   | cps   |
| Cobalt     | 59-2  | 133      | 133      | 147      | 138      | 5.59   | cps   |
| Copper     | 63-2  | 1510     | 1557     | 1603     | 1557     | 3.00   | cps   |
| Dysprosium | 156-1 | 0        | 8        | 8        | 6        | 86.60  | cps   |
| Dysprosium | 156-2 | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Erbium     | 164-1 | 25       | 50       | 58       | 44       | 39.04  | cps   |
| Erbium     | 164-2 | 33       | 50       | 23       | 36       | 37.90  | cps   |
| Gadolinium | 160-1 | 83       | 50       | 75       | 69       | 24.98  | cps   |
| Gadolinium | 160-2 | 87       | 73       | 80       | 80       | 8.34   | cps   |
| Holmium    | 165-1 | 18055323 | 18293217 | 18145002 | 18164514 | 0.66   | cps   |
| Holmium    | 165-2 | 9513230  | 9580585  | 9519571  | 9537795  | 0.39   | cps   |
| Indium     | 115-1 | 15383616 | 15442791 | 15315770 | 15380726 | 0.41   | cps   |
| Indium     | 115-2 | 2953892  | 2951241  | 2947736  | 2950957  | 0.10   | cps   |
| Iron       | 56-2  | 5818     | 6363     | 6201     | 6127     | 4.57   | cps   |
| Iron       | 57-2  | 244      | 194      | 161      | 200      | 20.97  | cps   |
| Lead       | 206-1 | 1311     | 1272     | 1145     | 1243     | 7.02   | cps   |
| Lead       | 207-1 | 1150     | 1056     | 1095     | 1100     | 4.32   | cps   |
| Lead       | 208-1 | 4951     | 5134     | 4784     | 4956     | 3.53   | cps   |
| Lithium    | 6-1   | 2699566  | 2727301  | 2735492  | 2720786  | 0.69   | cps   |
| Magnesium  | 24-2  | 658      | 808      | 892      | 786      | 15.04  | cps   |
| Manganese  | 55-2  | 93       | 67       | 80       | 80       | 16.66  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB104168BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB104168BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 15:31:11 | DataFile Name :   | 057CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 683      | 517      | 733      | 644      | 17.60  | cps   |
| Molybdenum | 95-1  | 400      | 583      | 442      | 475      | 20.23  | cps   |
| Molybdenum | 96-1  | 500      | 575      | 467      | 514      | 10.80  | cps   |
| Molybdenum | 97-1  | 175      | 275      | 283      | 244      | 24.66  | cps   |
| Molybdenum | 98-1  | 700      | 775      | 542      | 672      | 17.72  | cps   |
| Neodymium  | 150-1 | 7        | 0        | 27       | 11       | 124.89 | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Nickel     | 60-2  | 163      | 117      | 163      | 148      | 18.23  | cps   |
| Phosphorus | 31-2  | 50       | 83       | 100      | 78       | 32.73  | cps   |
| Potassium  | 39-2  | 19864    | 20240    | 20757    | 20287    | 2.21   | cps   |
| Rhodium    | 103-1 | 13979958 | 14118876 | 14147792 | 14082208 | 0.64   | cps   |
| Rhodium    | 103-2 | 7055579  | 7069313  | 7062535  | 7062476  | 0.10   | cps   |
| Scandium   | 45-1  | 9070675  | 9147536  | 9098775  | 9105662  | 0.43   | cps   |
| Scandium   | 45-2  | 392666   | 393534   | 391677   | 392626   | 0.24   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 48       | 74       | 70       | 64       | 21.84  | cps   |
| Selenium   | 82-1  | 45       | 7        | -1       | 17       | 143.94 | cps   |
| Silicon    | 28-1  | 192759   | 192320   | 191840   | 192306   | 0.24   | cps   |
| Silver     | 109-1 | 175      | 133      | 158      | 156      | 13.48  | cps   |
| Silver     | 107-1 | 117      | 208      | 192      | 172      | 28.35  | cps   |
| Sodium     | 23-2  | 18095    | 17728    | 17586    | 17803    | 1.48   | cps   |
| Strontium  | 86-1  | 517      | 625      | 642      | 594      | 11.42  | cps   |
| Strontium  | 88-1  | 283      | 325      | 358      | 322      | 11.66  | cps   |
| Sulfur     | 34-1  | 263183   | 261379   | 259601   | 261388   | 0.69   | cps   |
| Terbium    | 159-1 | 19118611 | 19153336 | 19061795 | 19111247 | 0.24   | cps   |
| Terbium    | 159-2 | 9650459  | 9600708  | 9631020  | 9627396  | 0.26   | cps   |
| Thallium   | 203-1 | 258      | 250      | 358      | 289      | 20.87  | cps   |
| Thallium   | 205-1 | 667      | 650      | 592      | 636      | 6.19   | cps   |
| Tin        | 118-1 | 967      | 1158     | 1100     | 1075     | 9.14   | cps   |
| Titanium   | 47-1  | 167      | 117      | 142      | 142      | 17.65  | cps   |
| Uranium    | 238-1 | 183      | 300      | 250      | 244      | 23.95  | cps   |
| Vanadium   | 51-2  | 43       | 17       | 27       | 29       | 46.62  | cps   |
| Yttrium    | 89-1  | 15648074 | 15719212 | 15683869 | 15683718 | 0.23   | cps   |
| Yttrium    | 89-2  | 2221715  | 2239217  | 2228146  | 2229693  | 0.40   | cps   |
| Zinc       | 66-2  | 3714     | 3514     | 3704     | 3644     | 3.09   | cps   |
| Zirconium  | 90-1  | 1250     | 992      | 858      | 1033     | 19.27  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB104168BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB104168BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 15:31:11 | DataFile Name :   | 057CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 200  | 175  | 192  | 189     | 6.74   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB104168BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB104168BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 15:34:43 | DataFile Name :   | 058LCS6.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 914482   | 914246   | 909386   | 912705   | 0.32   | cps   |
| Antimony   | 121-1 | 5355445  | 5404721  | 5370015  | 5376727  | 0.47   | cps   |
| Arsenic    | 75-2  | 177433   | 179983   | 179720   | 179045   | 0.78   | cps   |
| Barium     | 135-1 | 6475277  | 6535054  | 6464721  | 6491684  | 0.58   | cps   |
| Barium     | 137-1 | 11326959 | 11281831 | 11241851 | 11283547 | 0.38   | cps   |
| Beryllium  | 9-1   | 766929   | 768048   | 764227   | 766401   | 0.26   | cps   |
| Bismuth    | 209-1 | 11600353 | 11672224 | 11626490 | 11633023 | 0.31   | cps   |
| Bismuth    | 209-2 | 7013169  | 6995693  | 7007386  | 7005416  | 0.13   | cps   |
| Boron      | 10-1  | 89363    | 90345    | 93705    | 91138    | 2.50   | cps   |
| Boron      | 11-1  | 439727   | 447051   | 450152   | 445643   | 1.20   | cps   |
| Cadmium    | 111-1 | 1242878  | 1237635  | 1244222  | 1241578  | 0.28   | cps   |
| Cadmium    | 106-1 | 133768   | 134063   | 134196   | 134009   | 0.16   | cps   |
| Cadmium    | 108-1 | 90692    | 91753    | 91002    | 91149    | 0.60   | cps   |
| Calcium    | 43-1  | 1496696  | 1482855  | 1512411  | 1497321  | 0.99   | cps   |
| Calcium    | 44-1  | 24414504 | 24303480 | 24548340 | 24422108 | 0.50   | cps   |
| Chromium   | 52-2  | 1537860  | 1552708  | 1559525  | 1550031  | 0.71   | cps   |
| Cobalt     | 59-2  | 2579571  | 2601277  | 2621360  | 2600736  | 0.80   | cps   |
| Copper     | 63-2  | 3762112  | 3776299  | 3795917  | 3778109  | 0.45   | cps   |
| Dysprosium | 156-1 | 83       | 92       | 117      | 97       | 17.84  | cps   |
| Dysprosium | 156-2 | 20       | 50       | 70       | 47       | 53.93  | cps   |
| Erbium     | 164-1 | 100      | 75       | 8        | 61       | 77.54  | cps   |
| Erbium     | 164-2 | 20       | 10       | 40       | 23       | 65.47  | cps   |
| Gadolinium | 160-1 | 100      | 183      | 200      | 161      | 33.26  | cps   |
| Gadolinium | 160-2 | 97       | 97       | 137      | 110      | 20.99  | cps   |
| Holmium    | 165-1 | 18207818 | 18262286 | 18099719 | 18189941 | 0.45   | cps   |
| Holmium    | 165-2 | 9623330  | 9648376  | 9669766  | 9647157  | 0.24   | cps   |
| Indium     | 115-1 | 15070972 | 15008765 | 15069638 | 15049792 | 0.24   | cps   |
| Indium     | 115-2 | 2909021  | 2935403  | 2928689  | 2924371  | 0.47   | cps   |
| Iron       | 56-2  | 65883663 | 66454143 | 66512914 | 66283573 | 0.52   | cps   |
| Iron       | 57-2  | 1594251  | 1606217  | 1606118  | 1602196  | 0.43   | cps   |
| Lead       | 206-1 | 3874097  | 3847975  | 3841197  | 3854423  | 0.45   | cps   |
| Lead       | 207-1 | 3580274  | 3582110  | 3561051  | 3574478  | 0.33   | cps   |
| Lead       | 208-1 | 16161046 | 16140725 | 16176624 | 16159465 | 0.11   | cps   |
| Lithium    | 6-1   | 2709827  | 2722718  | 2711352  | 2714632  | 0.26   | cps   |
| Magnesium  | 24-2  | 10823987 | 10869548 | 10850490 | 10848009 | 0.21   | cps   |
| Manganese  | 55-2  | 1748258  | 1760458  | 1762014  | 1756910  | 0.43   | cps   |

LB Number : LB91543 Operator : Jaswal  
 Lab Sample ID : PB104168BS Instrumnet Name : P7  
 Client Sample ID : PB104168BS Dilution Factor : 1  
 Date & Time Acquired :: 2017-11-10 15:34:43 DataFile Name : 058LCS6.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 10754340 | 10803078 | 10833240 | 10796886 | 0.37   | cps   |
| Molybdenum | 95-1  | 12912513 | 12981178 | 12961727 | 12951806 | 0.27   | cps   |
| Molybdenum | 96-1  | 14277322 | 14349564 | 14413914 | 14346933 | 0.48   | cps   |
| Molybdenum | 97-1  | 8082847  | 8111322  | 8116353  | 8103507  | 0.22   | cps   |
| Molybdenum | 98-1  | 20838697 | 20972995 | 21134648 | 20982113 | 0.71   | cps   |
| Neodymium  | 150-1 | 240      | 253      | 267      | 253      | 5.26   | cps   |
| Neodymium  | 150-2 | 13       | 37       | 10       | 20       | 72.66  | cps   |
| Nickel     | 60-2  | 673781   | 678591   | 687300   | 679891   | 1.01   | cps   |
| Phosphorus | 31-2  | 46022    | 46097    | 46657    | 46259    | 0.75   | cps   |
| Potassium  | 39-2  | 5336734  | 5346755  | 5376142  | 5353210  | 0.38   | cps   |
| Rhodium    | 103-1 | 13574653 | 13567677 | 13669792 | 13604041 | 0.42   | cps   |
| Rhodium    | 103-2 | 6832649  | 6867606  | 6887948  | 6862734  | 0.41   | cps   |
| Scandium   | 45-1  | 9144821  | 9099076  | 9229996  | 9157965  | 0.73   | cps   |
| Scandium   | 45-2  | 402818   | 399986   | 404321   | 402375   | 0.55   | cps   |
| Selenium   | 77-2  | 3314     | 3427     | 3374     | 3372     | 1.68   | cps   |
| Selenium   | 78-2  | 11822    | 11477    | 11838    | 11712    | 1.74   | cps   |
| Selenium   | 82-1  | 75213    | 75554    | 75728    | 75498    | 0.35   | cps   |
| Silicon    | 28-1  | 3707827  | 3776862  | 3799265  | 3761318  | 1.27   | cps   |
| Silver     | 109-1 | 6027043  | 6224567  | 6075458  | 6109023  | 1.69   | cps   |
| Silver     | 107-1 | 6485089  | 6488857  | 6526338  | 6500095  | 0.35   | cps   |
| Sodium     | 23-2  | 20007010 | 20039475 | 20063254 | 20036580 | 0.14   | cps   |
| Strontium  | 86-1  | 1650203  | 1647648  | 1653641  | 1650497  | 0.18   | cps   |
| Strontium  | 88-1  | 14552557 | 14573559 | 14660638 | 14595585 | 0.39   | cps   |
| Sulfur     | 34-1  | 667395   | 661380   | 665071   | 664615   | 0.46   | cps   |
| Terbium    | 159-1 | 19267524 | 19150297 | 19086063 | 19167962 | 0.48   | cps   |
| Terbium    | 159-2 | 9704681  | 9728279  | 9733540  | 9722167  | 0.16   | cps   |
| Thallium   | 203-1 | 4767262  | 4804428  | 4775273  | 4782321  | 0.41   | cps   |
| Thallium   | 205-1 | 11639299 | 11544015 | 11581340 | 11588218 | 0.41   | cps   |
| Tin        | 118-1 | 4278814  | 4261964  | 4253287  | 4264688  | 0.30   | cps   |
| Titanium   | 47-1  | 3480724  | 3477512  | 3476652  | 3478296  | 0.06   | cps   |
| Uranium    | 238-1 | 16938964 | 16948446 | 16971444 | 16952951 | 0.10   | cps   |
| Vanadium   | 51-2  | 1286288  | 1293854  | 1301013  | 1293719  | 0.57   | cps   |
| Yttrium    | 89-1  | 15681527 | 15718142 | 15699681 | 15699783 | 0.12   | cps   |
| Yttrium    | 89-2  | 2268980  | 2263586  | 2279274  | 2270613  | 0.35   | cps   |
| Zinc       | 66-2  | 511411   | 517957   | 518561   | 515977   | 0.77   | cps   |
| Zirconium  | 90-1  | 9262640  | 9276909  | 9325704  | 9288418  | 0.36   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB104168BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB104168BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 15:34:43 | DataFile Name :   | 058LCS6.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 2016292 | 2025969 | 2020750 | 2021004 | 0.24   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-01            | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0443            | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 15:39:28 | DataFile Name :   | 059SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 44772     | 42428     | 42437     | 43212     | 3.13   | cps   |
| Antimony   | 121-1 | 40543     | 34377     | 31244     | 35388     | 13.37  | cps   |
| Arsenic    | 75-2  | 16737     | 16943     | 16721     | 16801     | 0.74   | cps   |
| Barium     | 135-1 | 331775    | 335697    | 334497    | 333990    | 0.60   | cps   |
| Barium     | 137-1 | 582947    | 582980    | 583840    | 583256    | 0.09   | cps   |
| Beryllium  | 9-1   | 239       | 256       | 267       | 254       | 5.51   | cps   |
| Bismuth    | 209-1 | 11240510  | 11187456  | 11255339  | 11227768  | 0.32   | cps   |
| Bismuth    | 209-2 | 6198224   | 6205227   | 6239822   | 6214424   | 0.36   | cps   |
| Boron      | 10-1  | 12923     | 13390     | 12998     | 13103     | 1.91   | cps   |
| Boron      | 11-1  | 69527     | 67643     | 66463     | 67878     | 2.28   | cps   |
| Cadmium    | 111-1 | 4466      | 4419      | 4287      | 4390      | 2.11   | cps   |
| Cadmium    | 106-1 | 3284      | 3417      | 3276      | 3326      | 2.39   | cps   |
| Cadmium    | 108-1 | 167       | 171       | 146       | 161       | 8.31   | cps   |
| Calcium    | 43-1  | 6276480   | 6249045   | 6225623   | 6250383   | 0.41   | cps   |
| Calcium    | 44-1  | 100924286 | 100393317 | 100648619 | 100655407 | 0.26   | cps   |
| Chromium   | 52-2  | 16304     | 15745     | 14631     | 15560     | 5.47   | cps   |
| Cobalt     | 59-2  | 2797      | 2724      | 2740      | 2754      | 1.40   | cps   |
| Copper     | 63-2  | 38397     | 38010     | 38621     | 38343     | 0.81   | cps   |
| Dysprosium | 156-1 | 1425      | 1433      | 1367      | 1408      | 2.58   | cps   |
| Dysprosium | 156-2 | 717       | 763       | 567       | 682       | 15.06  | cps   |
| Erbium     | 164-1 | 1425      | 1559      | 1517      | 1500      | 4.55   | cps   |
| Erbium     | 164-2 | 660       | 690       | 707       | 686       | 3.45   | cps   |
| Gadolinium | 160-1 | 1325      | 1609      | 1167      | 1367      | 16.37  | cps   |
| Gadolinium | 160-2 | 787       | 817       | 790       | 798       | 2.06   | cps   |
| Holmium    | 165-1 | 17110284  | 17217082  | 17405798  | 17244388  | 0.87   | cps   |
| Holmium    | 165-2 | 8901785   | 8877222   | 8865342   | 8881450   | 0.21   | cps   |
| Indium     | 115-1 | 14644505  | 14700927  | 14852885  | 14732772  | 0.73   | cps   |
| Indium     | 115-2 | 2654180   | 2650847   | 2663739   | 2656255   | 0.25   | cps   |
| Iron       | 56-2  | 18050477  | 17966755  | 17993002  | 18003411  | 0.24   | cps   |
| Iron       | 57-2  | 437819    | 441504    | 435326    | 438216    | 0.71   | cps   |
| Lead       | 206-1 | 13035     | 13196     | 12189     | 12807     | 4.22   | cps   |
| Lead       | 207-1 | 10994     | 11238     | 11772     | 11335     | 3.51   | cps   |
| Lead       | 208-1 | 51335     | 51596     | 51279     | 51403     | 0.33   | cps   |
| Lithium    | 6-1   | 2737496   | 2782082   | 2827022   | 2782200   | 1.61   | cps   |
| Magnesium  | 24-2  | 11918505  | 11808426  | 11868917  | 11865283  | 0.46   | cps   |
| Manganese  | 55-2  | 3471410   | 3454676   | 3453881   | 3459989   | 0.29   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-01            | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0443            | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 15:39:28 | DataFile Name :   | 059SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD   | Units |
|------------|-------|-----------|-----------|-----------|-----------|----------|-------|
| Molybdenum | 94-1  | 8320      | 7285      | 7052      | 7552      | 8.93     | cps   |
| Molybdenum | 95-1  | 6977      | 7227      | 7152      | 7119      | 1.80     | cps   |
| Molybdenum | 96-1  | 8236      | 8570      | 7911      | 8239      | 4.00     | cps   |
| Molybdenum | 97-1  | 4668      | 4668      | 4601      | 4645      | 0.83     | cps   |
| Molybdenum | 98-1  | 11647     | 10646     | 11330     | 11208     | 4.56     | cps   |
| Neodymium  | 150-1 | 2347      | 2400      | 2254      | 2334      | 3.18     | cps   |
| Neodymium  | 150-2 | 910       | 790       | 873       | 858       | 7.17     | cps   |
| Nickel     | 60-2  | 4441      | 4427      | 4144      | 4337      | 3.86     | cps   |
| Phosphorus | 31-2  | 375       | 508       | 483       | 456       | 15.56    | cps   |
| Potassium  | 39-2  | 1722057   | 1727086   | 1705749   | 1718298   | 0.65     | cps   |
| Rhodium    | 103-1 | 12467175  | 12405498  | 12527465  | 12466713  | 0.49     | cps   |
| Rhodium    | 103-2 | 5871705   | 6031903   | 5921467   | 5941692   | 1.38     | cps   |
| Scandium   | 45-1  | 8559839   | 8517275   | 8526740   | 8534618   | 0.26     | cps   |
| Scandium   | 45-2  | 348124    | 346502    | 344761    | 346462    | 0.49     | cps   |
| Selenium   | 77-2  | 13        | 3         | 0         | 6         | 124.93   | cps   |
| Selenium   | 78-2  | 76        | 61        | 63        | 67        | 12.11    | cps   |
| Selenium   | 82-1  | 76        | -64       | -18       | -2        | -3668.04 | cps   |
| Silicon    | 28-1  | 44233654  | 43830547  | 43284590  | 43782930  | 1.09     | cps   |
| Silver     | 109-1 | 10846     | 10263     | 9637      | 10249     | 5.90     | cps   |
| Silver     | 107-1 | 10521     | 11146     | 10654     | 10774     | 3.06     | cps   |
| Sodium     | 23-2  | 185247979 | 183953587 | 182712850 | 183971472 | 0.69     | cps   |
| Strontium  | 86-1  | 4933100   | 4876457   | 4880466   | 4896675   | 0.65     | cps   |
| Strontium  | 88-1  | 43301804  | 43206096  | 43447829  | 43318576  | 0.28     | cps   |
| Sulfur     | 34-1  | 724892    | 720615    | 714199    | 719902    | 0.75     | cps   |
| Terbium    | 159-1 | 17922744  | 18111935  | 18321731  | 18118803  | 1.10     | cps   |
| Terbium    | 159-2 | 8943759   | 8920818   | 8940069   | 8934882   | 0.14     | cps   |
| Thallium   | 203-1 | 5410      | 4234      | 3251      | 4298      | 25.15    | cps   |
| Thallium   | 205-1 | 12757     | 9654      | 7669      | 10027     | 25.57    | cps   |
| Tin        | 118-1 | 17445     | 17595     | 16310     | 17117     | 4.10     | cps   |
| Titanium   | 47-1  | 45004     | 46108     | 43582     | 44898     | 2.82     | cps   |
| Uranium    | 238-1 | 189890    | 190457    | 192901    | 191083    | 0.84     | cps   |
| Vanadium   | 51-2  | 4067      | 4087      | 4081      | 4078      | 0.25     | cps   |
| Yttrium    | 89-1  | 14762128  | 14733714  | 14850883  | 14782242  | 0.41     | cps   |
| Yttrium    | 89-2  | 1974810   | 1979670   | 1975288   | 1976589   | 0.14     | cps   |
| Zinc       | 66-2  | 21372     | 21907     | 22094     | 21791     | 1.72     | cps   |
| Zirconium  | 90-1  | 10772     | 9754      | 10063     | 10196     | 5.12     | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-01            | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0443            | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 15:39:28 | DataFile Name :   | 059SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 2284 | 2125 | 2250 | 2220    | 3.76   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-01DUP         | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0443DUP         | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 15:43:03 | DataFile Name :   | 060SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 39879    | 40556    | 38860    | 39765    | 2.15   | cps   |
| Antimony   | 121-1 | 14108    | 14867    | 14742    | 14572    | 2.79   | cps   |
| Arsenic    | 75-2  | 15959    | 16163    | 15907    | 16010    | 0.84   | cps   |
| Barium     | 135-1 | 338438   | 338545   | 340998   | 339327   | 0.43   | cps   |
| Barium     | 137-1 | 588010   | 591255   | 596507   | 591924   | 0.72   | cps   |
| Beryllium  | 9-1   | 178      | 117      | 133      | 143      | 22.15  | cps   |
| Bismuth    | 209-1 | 11118077 | 11248878 | 11242458 | 11203138 | 0.66   | cps   |
| Bismuth    | 209-2 | 6037536  | 6037701  | 6027948  | 6034395  | 0.09   | cps   |
| Boron      | 10-1  | 11788    | 12147    | 11188    | 11708    | 4.14   | cps   |
| Boron      | 11-1  | 57593    | 57719    | 59401    | 58238    | 1.73   | cps   |
| Cadmium    | 111-1 | 3478     | 3475     | 3560     | 3504     | 1.36   | cps   |
| Cadmium    | 106-1 | 3142     | 3184     | 3301     | 3209     | 2.56   | cps   |
| Cadmium    | 108-1 | 96       | 100      | 150      | 115      | 26.15  | cps   |
| Calcium    | 43-1  | 5920377  | 5936166  | 5923816  | 5926786  | 0.14   | cps   |
| Calcium    | 44-1  | 95513190 | 95991321 | 95832394 | 95778968 | 0.25   | cps   |
| Chromium   | 52-2  | 13633    | 13566    | 12722    | 13307    | 3.82   | cps   |
| Cobalt     | 59-2  | 2697     | 2644     | 2444     | 2595     | 5.15   | cps   |
| Copper     | 63-2  | 36987    | 38140    | 38444    | 37857    | 2.03   | cps   |
| Dysprosium | 156-1 | 1434     | 1308     | 1609     | 1450     | 10.39  | cps   |
| Dysprosium | 156-2 | 657      | 633      | 690      | 660      | 4.32   | cps   |
| Erbium     | 164-1 | 1258     | 1367     | 1350     | 1325     | 4.40   | cps   |
| Erbium     | 164-2 | 740      | 597      | 747      | 694      | 12.20  | cps   |
| Gadolinium | 160-1 | 1517     | 1442     | 1533     | 1497     | 3.26   | cps   |
| Gadolinium | 160-2 | 803      | 840      | 793      | 812      | 3.03   | cps   |
| Holmium    | 165-1 | 17314586 | 17645869 | 17733682 | 17564712 | 1.26   | cps   |
| Holmium    | 165-2 | 8736447  | 8707085  | 8644143  | 8695892  | 0.54   | cps   |
| Indium     | 115-1 | 14130633 | 14318932 | 14382337 | 14277300 | 0.92   | cps   |
| Indium     | 115-2 | 2473758  | 2492539  | 2470429  | 2478909  | 0.48   | cps   |
| Iron       | 56-2  | 16936990 | 16969577 | 16748008 | 16884858 | 0.71   | cps   |
| Iron       | 57-2  | 412598   | 417986   | 411723   | 414102   | 0.82   | cps   |
| Lead       | 206-1 | 12812    | 12590    | 12762    | 12721    | 0.92   | cps   |
| Lead       | 207-1 | 10888    | 10732    | 10705    | 10775    | 0.92   | cps   |
| Lead       | 208-1 | 50700    | 50072    | 49804    | 50192    | 0.92   | cps   |
| Lithium    | 6-1   | 2711562  | 2726552  | 2722592  | 2720236  | 0.29   | cps   |
| Magnesium  | 24-2  | 11103050 | 11105474 | 10949447 | 11052657 | 0.81   | cps   |
| Manganese  | 55-2  | 3245815  | 3257317  | 3198463  | 3233865  | 0.96   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-01DUP         | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0443DUP         | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 15:43:03 | DataFile Name :   | 060SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Molybdenum | 94-1  | 5510      | 5660      | 5968      | 5713      | 4.09   | cps   |
| Molybdenum | 95-1  | 4651      | 5009      | 5159      | 4940      | 5.29   | cps   |
| Molybdenum | 96-1  | 6152      | 5493      | 5610      | 5752      | 6.12   | cps   |
| Molybdenum | 97-1  | 3534      | 3209      | 3050      | 3264      | 7.55   | cps   |
| Molybdenum | 98-1  | 7486      | 7569      | 7861      | 7638      | 2.58   | cps   |
| Neodymium  | 150-1 | 2354      | 2414      | 2300      | 2356      | 2.41   | cps   |
| Neodymium  | 150-2 | 907       | 807       | 847       | 853       | 5.90   | cps   |
| Nickel     | 60-2  | 3924      | 4191      | 4191      | 4102      | 3.75   | cps   |
| Phosphorus | 31-2  | 383       | 325       | 350       | 353       | 8.30   | cps   |
| Potassium  | 39-2  | 1574720   | 1569056   | 1559484   | 1567754   | 0.49   | cps   |
| Rhodium    | 103-1 | 11949063  | 12202117  | 12122645  | 12091275  | 1.07   | cps   |
| Rhodium    | 103-2 | 5606539   | 5616506   | 5589840   | 5604295   | 0.24   | cps   |
| Scandium   | 45-1  | 7911232   | 7925084   | 7914173   | 7916829   | 0.09   | cps   |
| Scandium   | 45-2  | 319002    | 316843    | 315163    | 317003    | 0.61   | cps   |
| Selenium   | 77-2  | 10        | 17        | 7         | 11        | 45.82  | cps   |
| Selenium   | 78-2  | 57        | 56        | 69        | 60        | 11.59  | cps   |
| Selenium   | 82-1  | -175      | -58       | -132      | -122      | -48.92 | cps   |
| Silicon    | 28-1  | 40119302  | 40037613  | 39971572  | 40042829  | 0.18   | cps   |
| Silver     | 109-1 | 6710      | 6735      | 7161      | 6869      | 3.68   | cps   |
| Silver     | 107-1 | 6844      | 6810      | 7102      | 6919      | 2.31   | cps   |
| Sodium     | 23-2  | 171345475 | 171443929 | 170271029 | 171020144 | 0.38   | cps   |
| Strontium  | 86-1  | 4800571   | 4788085   | 4830948   | 4806534   | 0.46   | cps   |
| Strontium  | 88-1  | 42316146  | 42489518  | 42902866  | 42569510  | 0.71   | cps   |
| Sulfur     | 34-1  | 661890    | 656046    | 654708    | 657548    | 0.58   | cps   |
| Terbium    | 159-1 | 18171493  | 18383826  | 18494181  | 18349833  | 0.89   | cps   |
| Terbium    | 159-2 | 8721998   | 8741220   | 8698558   | 8720592   | 0.25   | cps   |
| Thallium   | 203-1 | 708       | 817       | 742       | 756       | 7.34   | cps   |
| Thallium   | 205-1 | 1784      | 1867      | 1442      | 1697      | 13.27  | cps   |
| Tin        | 118-1 | 13065     | 12740     | 13282     | 13029     | 2.09   | cps   |
| Titanium   | 47-1  | 40590     | 40992     | 41342     | 40975     | 0.92   | cps   |
| Uranium    | 238-1 | 202704    | 204606    | 206360    | 204557    | 0.89   | cps   |
| Vanadium   | 51-2  | 3914      | 4037      | 3747      | 3899      | 3.73   | cps   |
| Yttrium    | 89-1  | 14144324  | 14347244  | 14402752  | 14298107  | 0.95   | cps   |
| Yttrium    | 89-2  | 1836824   | 1856566   | 1828546   | 1840645   | 0.78   | cps   |
| Zinc       | 66-2  | 20288     | 20825     | 20107     | 20407     | 1.83   | cps   |
| Zirconium  | 90-1  | 8804      | 8495      | 8437      | 8579      | 2.30   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-01DUP         | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0443DUP         | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 15:43:03 | DataFile Name :   | 060SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 1825 | 1951 | 1642 | 1806    | 8.60   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-01LX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0443L           | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2017-11-10 15:46:37 | DataFile Name :   | 061SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 7736     | 7919     | 7385     | 7680     | 3.53   | cps   |
| Antimony   | 121-1 | 4818     | 4593     | 4701     | 4704     | 2.39   | cps   |
| Arsenic    | 75-2  | 3036     | 3091     | 3187     | 3105     | 2.48   | cps   |
| Barium     | 135-1 | 69802    | 68444    | 68720    | 68989    | 1.04   | cps   |
| Barium     | 137-1 | 119703   | 118629   | 120410   | 119581   | 0.75   | cps   |
| Beryllium  | 9-1   | 100      | 111      | 78       | 96       | 17.62  | cps   |
| Bismuth    | 209-1 | 12278493 | 12279535 | 9699565  | 11419198 | 13.04  | cps   |
| Bismuth    | 209-2 | 6464728  | 6486761  | 6517060  | 6489516  | 0.40   | cps   |
| Boron      | 10-1  | 2517     | 2817     | 2642     | 2659     | 5.67   | cps   |
| Boron      | 11-1  | 13665    | 13999    | 14057    | 13907    | 1.52   | cps   |
| Cadmium    | 111-1 | 2597     | 2548     | 2123     | 2423     | 10.77  | cps   |
| Cadmium    | 106-1 | 3376     | 3392     | 2625     | 3131     | 13.99  | cps   |
| Cadmium    | 108-1 | 46       | 50       | 33       | 43       | 20.15  | cps   |
| Calcium    | 43-1  | 1132819  | 1119811  | 1142367  | 1131665  | 1.00   | cps   |
| Calcium    | 44-1  | 18644356 | 18541900 | 18816938 | 18667731 | 0.74   | cps   |
| Chromium   | 52-2  | 3691     | 3611     | 3614     | 3638     | 1.24   | cps   |
| Cobalt     | 59-2  | 600      | 643      | 577      | 607      | 5.58   | cps   |
| Copper     | 63-2  | 11121    | 11028    | 10561    | 10903    | 2.75   | cps   |
| Dysprosium | 156-1 | 275      | 350      | 267      | 297      | 15.44  | cps   |
| Dysprosium | 156-2 | 143      | 143      | 120      | 136      | 9.94   | cps   |
| Erbium     | 164-1 | 250      | 358      | 258      | 289      | 20.87  | cps   |
| Erbium     | 164-2 | 163      | 163      | 150      | 159      | 4.85   | cps   |
| Gadolinium | 160-1 | 308      | 292      | 367      | 322      | 12.22  | cps   |
| Gadolinium | 160-2 | 220      | 260      | 233      | 238      | 8.57   | cps   |
| Holmium    | 165-1 | 18734403 | 18791202 | 14664877 | 17396827 | 13.60  | cps   |
| Holmium    | 165-2 | 9111051  | 9048046  | 9026886  | 9061994  | 0.48   | cps   |
| Indium     | 115-1 | 14981305 | 14932786 | 11809338 | 13907810 | 13.07  | cps   |
| Indium     | 115-2 | 2579141  | 2570394  | 2582567  | 2577367  | 0.24   | cps   |
| Iron       | 56-2  | 3297580  | 3295579  | 3290692  | 3294617  | 0.11   | cps   |
| Iron       | 57-2  | 83582    | 83285    | 82107    | 82991    | 0.94   | cps   |
| Lead       | 206-1 | 3895     | 3456     | 3439     | 3597     | 7.18   | cps   |
| Lead       | 207-1 | 2989     | 3145     | 3123     | 3086     | 2.73   | cps   |
| Lead       | 208-1 | 14676    | 14287    | 13976    | 14313    | 2.45   | cps   |
| Lithium    | 6-1   | 2404137  | 2407986  | 1932827  | 2248317  | 12.15  | cps   |
| Magnesium  | 24-2  | 2170802  | 2149162  | 2145492  | 2155152  | 0.63   | cps   |
| Manganese  | 55-2  | 641204   | 638724   | 640980   | 640303   | 0.21   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-01LX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0443L           | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2017-11-10 15:46:37 | DataFile Name :   | 061SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1584     | 1550     | 1650     | 1595     | 3.19   | cps   |
| Molybdenum | 95-1  | 1450     | 1392     | 1425     | 1422     | 2.06   | cps   |
| Molybdenum | 96-1  | 1458     | 1600     | 1942     | 1667     | 14.91  | cps   |
| Molybdenum | 97-1  | 858      | 950      | 983      | 931      | 6.96   | cps   |
| Molybdenum | 98-1  | 2175     | 1867     | 2175     | 2072     | 8.59   | cps   |
| Neodymium  | 150-1 | 500      | 620      | 460      | 527      | 15.81  | cps   |
| Neodymium  | 150-2 | 153      | 157      | 207      | 172      | 17.35  | cps   |
| Nickel     | 60-2  | 873      | 1013     | 997      | 961      | 7.96   | cps   |
| Phosphorus | 31-2  | 167      | 142      | 117      | 142      | 17.65  | cps   |
| Potassium  | 39-2  | 319815   | 319749   | 319326   | 319630   | 0.08   | cps   |
| Rhodium    | 103-1 | 13238759 | 13207393 | 10402027 | 12282726 | 13.26  | cps   |
| Rhodium    | 103-2 | 6203040  | 6148842  | 6149286  | 6167056  | 0.51   | cps   |
| Scandium   | 45-1  | 8113332  | 8159002  | 6421722  | 7564685  | 13.09  | cps   |
| Scandium   | 45-2  | 325314   | 323059   | 323978   | 324117   | 0.35   | cps   |
| Selenium   | 77-2  | 3        | 0        | 7        | 3        | 100.05 | cps   |
| Selenium   | 78-2  | 54       | 37       | 50       | 47       | 18.65  | cps   |
| Selenium   | 82-1  | 63       | 51       | -64      | 17       | 415.51 | cps   |
| Silicon    | 28-1  | 7861820  | 7771220  | 7862854  | 7831965  | 0.67   | cps   |
| Silver     | 109-1 | 3075     | 3084     | 3059     | 3073     | 0.41   | cps   |
| Silver     | 107-1 | 3025     | 2817     | 3125     | 2989     | 5.26   | cps   |
| Sodium     | 23-2  | 33849872 | 33518353 | 33574956 | 33647727 | 0.53   | cps   |
| Strontium  | 86-1  | 955978   | 956109   | 955824   | 955970   | 0.01   | cps   |
| Strontium  | 88-1  | 8501879  | 8503275  | 8581766  | 8528973  | 0.54   | cps   |
| Sulfur     | 34-1  | 292375   | 294560   | 288324   | 291753   | 1.08   | cps   |
| Terbium    | 159-1 | 19530977 | 19549483 | 15333348 | 18137936 | 13.39  | cps   |
| Terbium    | 159-2 | 9147693  | 9068085  | 9029503  | 9081760  | 0.66   | cps   |
| Thallium   | 203-1 | 358      | 292      | 292      | 314      | 12.26  | cps   |
| Thallium   | 205-1 | 800      | 725      | 858      | 795      | 8.41   | cps   |
| Tin        | 118-1 | 2634     | 2609     | 2600     | 2614     | 0.66   | cps   |
| Titanium   | 47-1  | 7869     | 8228     | 8311     | 8136     | 2.89   | cps   |
| Uranium    | 238-1 | 41592    | 40480    | 40514    | 40862    | 1.55   | cps   |
| Vanadium   | 51-2  | 777      | 737      | 823      | 779      | 5.57   | cps   |
| Yttrium    | 89-1  | 14905568 | 15028900 | 11754754 | 13896407 | 13.35  | cps   |
| Yttrium    | 89-2  | 1906828  | 1891578  | 1897719  | 1898708  | 0.40   | cps   |
| Zinc       | 66-2  | 7162     | 6828     | 7275     | 7088     | 3.28   | cps   |
| Zirconium  | 90-1  | 2300     | 2242     | 2334     | 2292     | 2.02   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-01LX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0443L           | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2017-11-10 15:46:37 | DataFile Name :   | 061SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 592  | 517  | 450  | 519     | 13.64  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-02            | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0443MS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 15:50:10 | DataFile Name :   | 062SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 668309    | 658285    | 656637    | 661077    | 0.96   | cps   |
| Antimony   | 121-1 | 5020720   | 5017803   | 5079434   | 5039319   | 0.69   | cps   |
| Arsenic    | 75-2  | 155385    | 154729    | 155272    | 155129    | 0.23   | cps   |
| Barium     | 135-1 | 6193554   | 6231334   | 6309499   | 6244796   | 0.95   | cps   |
| Barium     | 137-1 | 10770888  | 10888608  | 10936792  | 10865429  | 0.79   | cps   |
| Beryllium  | 9-1   | 549142    | 549208    | 546745    | 548365    | 0.26   | cps   |
| Bismuth    | 209-1 | 10995084  | 11137081  | 11126882  | 11086349  | 0.71   | cps   |
| Bismuth    | 209-2 | 5785354   | 5788964   | 5774569   | 5782963   | 0.13   | cps   |
| Boron      | 10-1  | 76920     | 77574     | 76937     | 77144     | 0.48   | cps   |
| Boron      | 11-1  | 382597    | 388716    | 387868    | 386393    | 0.86   | cps   |
| Cadmium    | 111-1 | 1106553   | 1109708   | 1116185   | 1110815   | 0.44   | cps   |
| Cadmium    | 106-1 | 116845    | 117636    | 119299    | 117927    | 1.06   | cps   |
| Cadmium    | 108-1 | 80686     | 81914     | 82534     | 81712     | 1.15   | cps   |
| Calcium    | 43-1  | 6742321   | 6743410   | 6757713   | 6747815   | 0.13   | cps   |
| Calcium    | 44-1  | 109158794 | 108756598 | 109387548 | 109100980 | 0.29   | cps   |
| Chromium   | 52-2  | 1269688   | 1267367   | 1259474   | 1265510   | 0.42   | cps   |
| Cobalt     | 59-2  | 2068972   | 2066277   | 2052316   | 2062522   | 0.43   | cps   |
| Copper     | 63-2  | 2901214   | 2911110   | 2902045   | 2904789   | 0.19   | cps   |
| Dysprosium | 156-1 | 1867      | 1709      | 1692      | 1756      | 5.50   | cps   |
| Dysprosium | 156-2 | 633       | 760       | 710       | 701       | 9.10   | cps   |
| Erbium     | 164-1 | 6919      | 6735      | 6794      | 6816      | 1.38   | cps   |
| Erbium     | 164-2 | 2907      | 3194      | 2977      | 3026      | 4.94   | cps   |
| Gadolinium | 160-1 | 1959      | 1959      | 2084      | 2000      | 3.61   | cps   |
| Gadolinium | 160-2 | 1017      | 1117      | 1087      | 1073      | 4.78   | cps   |
| Holmium    | 165-1 | 17215593  | 17385693  | 17390161  | 17330482  | 0.57   | cps   |
| Holmium    | 165-2 | 8351765   | 8335611   | 8267626   | 8318334   | 0.54   | cps   |
| Indium     | 115-1 | 13421182  | 13453428  | 13513664  | 13462758  | 0.35   | cps   |
| Indium     | 115-2 | 2258604   | 2260030   | 2252775   | 2257136   | 0.17   | cps   |
| Iron       | 56-2  | 64442763  | 64167000  | 63498408  | 64036057  | 0.76   | cps   |
| Iron       | 57-2  | 1555847   | 1547580   | 1549928   | 1551118   | 0.27   | cps   |
| Lead       | 206-1 | 3875969   | 3912268   | 3957139   | 3915125   | 1.04   | cps   |
| Lead       | 207-1 | 3589629   | 3620402   | 3647070   | 3619034   | 0.79   | cps   |
| Lead       | 208-1 | 16232246  | 16453104  | 16535002  | 16406784  | 0.95   | cps   |
| Lithium    | 6-1   | 2351545   | 2354009   | 2357078   | 2354211   | 0.12   | cps   |
| Magnesium  | 24-2  | 18555004  | 18384998  | 18367025  | 18435676  | 0.56   | cps   |
| Manganese  | 55-2  | 4264878   | 4239001   | 4227103   | 4243661   | 0.46   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-02            | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0443MS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 15:50:10 | DataFile Name :   | 062SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Molybdenum | 94-1  | 9569142   | 9564953   | 9754448   | 9629514   | 1.12   | cps   |
| Molybdenum | 95-1  | 11530705  | 11571038  | 11681586  | 11594443  | 0.67   | cps   |
| Molybdenum | 96-1  | 12779714  | 12841215  | 12889139  | 12836689  | 0.43   | cps   |
| Molybdenum | 97-1  | 7195910   | 7263665   | 7313421   | 7257665   | 0.81   | cps   |
| Molybdenum | 98-1  | 18751627  | 18887484  | 19029701  | 18889604  | 0.74   | cps   |
| Neodymium  | 150-1 | 2427      | 2820      | 2540      | 2596      | 7.80   | cps   |
| Neodymium  | 150-2 | 1000      | 940       | 850       | 930       | 8.12   | cps   |
| Nickel     | 60-2  | 544980    | 544480    | 543910    | 544457    | 0.10   | cps   |
| Phosphorus | 31-2  | 267       | 283       | 375       | 308       | 18.92  | cps   |
| Potassium  | 39-2  | 5110666   | 5082958   | 5043792   | 5079139   | 0.66   | cps   |
| Rhodium    | 103-1 | 11396588  | 11497499  | 11530715  | 11474934  | 0.61   | cps   |
| Rhodium    | 103-2 | 5224055   | 5211276   | 5199590   | 5211641   | 0.23   | cps   |
| Scandium   | 45-1  | 7212869   | 7133416   | 7129136   | 7158474   | 0.66   | cps   |
| Scandium   | 45-2  | 285747    | 281889    | 282908    | 283515    | 0.71   | cps   |
| Selenium   | 77-2  | 2537      | 2710      | 2414      | 2554      | 5.84   | cps   |
| Selenium   | 78-2  | 8775      | 8519      | 8629      | 8641      | 1.48   | cps   |
| Selenium   | 82-1  | 67031     | 67886     | 68098     | 67672     | 0.83   | cps   |
| Silicon    | 28-1  | 38021891  | 37572178  | 37330311  | 37641460  | 0.93   | cps   |
| Silver     | 109-1 | 5647670   | 5711872   | 5703154   | 5687565   | 0.61   | cps   |
| Silver     | 107-1 | 5872517   | 5881563   | 5949340   | 5901140   | 0.71   | cps   |
| Sodium     | 23-2  | 173160371 | 170758004 | 169493550 | 171137308 | 1.09   | cps   |
| Strontium  | 86-1  | 6240975   | 6273819   | 6344170   | 6286322   | 0.84   | cps   |
| Strontium  | 88-1  | 54438668  | 54355249  | 54817441  | 54537119  | 0.45   | cps   |
| Sulfur     | 34-1  | 586956    | 576890    | 575965    | 579937    | 1.05   | cps   |
| Terbium    | 159-1 | 17932018  | 17999904  | 18258591  | 18063504  | 0.95   | cps   |
| Terbium    | 159-2 | 8341226   | 8285636   | 8189697   | 8272186   | 0.93   | cps   |
| Thallium   | 203-1 | 4913748   | 4957520   | 5027783   | 4966351   | 1.16   | cps   |
| Thallium   | 205-1 | 11933427  | 12141085  | 12244434  | 12106316  | 1.31   | cps   |
| Tin        | 118-1 | 3659139   | 3672298   | 3715060   | 3682166   | 0.79   | cps   |
| Titanium   | 47-1  | 2834671   | 2814640   | 2833524   | 2827612   | 0.40   | cps   |
| Uranium    | 238-1 | 17545554  | 17943908  | 18101741  | 17863734  | 1.60   | cps   |
| Vanadium   | 51-2  | 1027063   | 1016110   | 1017270   | 1020148   | 0.59   | cps   |
| Yttrium    | 89-1  | 13500753  | 13594717  | 13694916  | 13596795  | 0.71   | cps   |
| Yttrium    | 89-2  | 1687879   | 1677977   | 1672960   | 1679605   | 0.45   | cps   |
| Zinc       | 66-2  | 373840    | 376061    | 374809    | 374904    | 0.30   | cps   |
| Zirconium  | 90-1  | 8205810   | 8236360   | 8293358   | 8245176   | 0.54   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-02            | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0443MS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 15:50:10 | DataFile Name :   | 062SMPL.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 1773999 | 1776027 | 1799727 | 1783251 | 0.80   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-03            | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0443MSD         | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 15:53:43 | DataFile Name :   | 063SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 630648    | 628596    | 629069    | 629438    | 0.17   | cps   |
| Antimony   | 121-1 | 4917121   | 4941135   | 4967254   | 4941837   | 0.51   | cps   |
| Arsenic    | 75-2  | 150892    | 152276    | 151612    | 151593    | 0.46   | cps   |
| Barium     | 135-1 | 6064326   | 6151485   | 6191962   | 6135924   | 1.06   | cps   |
| Barium     | 137-1 | 10568819  | 10754096  | 10748953  | 10690623  | 0.99   | cps   |
| Beryllium  | 9-1   | 509520    | 507402    | 505346    | 507423    | 0.41   | cps   |
| Bismuth    | 209-1 | 10963242  | 11073339  | 11020177  | 11018920  | 0.50   | cps   |
| Bismuth    | 209-2 | 5642204   | 5707130   | 5707174   | 5685503   | 0.66   | cps   |
| Boron      | 10-1  | 70891     | 71913     | 71829     | 71544     | 0.79   | cps   |
| Boron      | 11-1  | 359802    | 364317    | 363568    | 362562    | 0.67   | cps   |
| Cadmium    | 111-1 | 1084306   | 1091069   | 1101424   | 1092266   | 0.79   | cps   |
| Cadmium    | 106-1 | 116376    | 115737    | 115535    | 115882    | 0.38   | cps   |
| Cadmium    | 108-1 | 79262     | 79266     | 80515     | 79681     | 0.91   | cps   |
| Calcium    | 43-1  | 6328893   | 6352119   | 6397549   | 6359520   | 0.55   | cps   |
| Calcium    | 44-1  | 102613159 | 103204294 | 103046802 | 102954752 | 0.30   | cps   |
| Chromium   | 52-2  | 1216206   | 1227889   | 1228251   | 1224115   | 0.56   | cps   |
| Cobalt     | 59-2  | 2014054   | 2010170   | 2013846   | 2012690   | 0.11   | cps   |
| Copper     | 63-2  | 2838717   | 2843416   | 2843033   | 2841722   | 0.09   | cps   |
| Dysprosium | 156-1 | 1692      | 1667      | 1567      | 1642      | 4.03   | cps   |
| Dysprosium | 156-2 | 657       | 733       | 737       | 709       | 6.38   | cps   |
| Erbium     | 164-1 | 6594      | 6360      | 6894      | 6616      | 4.04   | cps   |
| Erbium     | 164-2 | 3024      | 2987      | 3167      | 3059      | 3.11   | cps   |
| Gadolinium | 160-1 | 1800      | 2167      | 2017      | 1995      | 9.24   | cps   |
| Gadolinium | 160-2 | 997       | 1020      | 987       | 1001      | 1.71   | cps   |
| Holmium    | 165-1 | 17215654  | 17211660  | 17235596  | 17220970  | 0.07   | cps   |
| Holmium    | 165-2 | 8171728   | 8234782   | 8253144   | 8219884   | 0.52   | cps   |
| Indium     | 115-1 | 13100845  | 13109088  | 13117492  | 13109141  | 0.06   | cps   |
| Indium     | 115-2 | 2179139   | 2187833   | 2182745   | 2183239   | 0.20   | cps   |
| Iron       | 56-2  | 62065904  | 62178572  | 61901215  | 62048564  | 0.22   | cps   |
| Iron       | 57-2  | 1502973   | 1505479   | 1506898   | 1505117   | 0.13   | cps   |
| Lead       | 206-1 | 3877403   | 3956466   | 3943057   | 3925642   | 1.08   | cps   |
| Lead       | 207-1 | 3613841   | 3648236   | 3643879   | 3635318   | 0.52   | cps   |
| Lead       | 208-1 | 16331396  | 16538338  | 16567626  | 16479120  | 0.78   | cps   |
| Lithium    | 6-1   | 2136265   | 2135957   | 2126753   | 2132992   | 0.25   | cps   |
| Magnesium  | 24-2  | 17696800  | 17636445  | 17663332  | 17665525  | 0.17   | cps   |
| Manganese  | 55-2  | 4083850   | 4107860   | 4114120   | 4101943   | 0.39   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-03            | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0443MSD         | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 15:53:43 | DataFile Name :   | 063SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Molybdenum | 94-1  | 9368001   | 9458995   | 9433542   | 9420179   | 0.50   | cps   |
| Molybdenum | 95-1  | 11290612  | 11319191  | 11393454  | 11334419  | 0.47   | cps   |
| Molybdenum | 96-1  | 12551665  | 12522571  | 12624070  | 12566102  | 0.42   | cps   |
| Molybdenum | 97-1  | 7099830   | 7078313   | 7138154   | 7105432   | 0.43   | cps   |
| Molybdenum | 98-1  | 18442405  | 18527765  | 18539234  | 18503135  | 0.29   | cps   |
| Neodymium  | 150-1 | 2414      | 2514      | 2367      | 2431      | 3.08   | cps   |
| Neodymium  | 150-2 | 880       | 883       | 917       | 893       | 2.27   | cps   |
| Nickel     | 60-2  | 532089    | 533906    | 532868    | 532954    | 0.17   | cps   |
| Phosphorus | 31-2  | 417       | 342       | 308       | 356       | 15.61  | cps   |
| Potassium  | 39-2  | 4871298   | 4864701   | 4874965   | 4870321   | 0.11   | cps   |
| Rhodium    | 103-1 | 11108680  | 11204499  | 11197237  | 11170139  | 0.48   | cps   |
| Rhodium    | 103-2 | 5075310   | 5092595   | 5106723   | 5091542   | 0.31   | cps   |
| Scandium   | 45-1  | 6741331   | 6802915   | 6774320   | 6772856   | 0.46   | cps   |
| Scandium   | 45-2  | 270532    | 270896    | 273723    | 271717    | 0.64   | cps   |
| Selenium   | 77-2  | 2457      | 2430      | 2517      | 2468      | 1.80   | cps   |
| Selenium   | 78-2  | 8147      | 8438      | 8462      | 8349      | 2.10   | cps   |
| Selenium   | 82-1  | 65866     | 65676     | 65450     | 65664     | 0.32   | cps   |
| Silicon    | 28-1  | 34366033  | 34157159  | 34042079  | 34188424  | 0.48   | cps   |
| Silver     | 109-1 | 5527704   | 5547026   | 5584769   | 5553166   | 0.52   | cps   |
| Silver     | 107-1 | 5756160   | 5758366   | 5795320   | 5769949   | 0.38   | cps   |
| Sodium     | 23-2  | 164318091 | 164439045 | 164750141 | 164502426 | 0.14   | cps   |
| Strontium  | 86-1  | 6116186   | 6161784   | 6145943   | 6141304   | 0.38   | cps   |
| Strontium  | 88-1  | 52931560  | 53426482  | 53396145  | 53251396  | 0.52   | cps   |
| Sulfur     | 34-1  | 536670    | 532860    | 530701    | 533410    | 0.57   | cps   |
| Terbium    | 159-1 | 17836706  | 17871839  | 17960840  | 17889795  | 0.36   | cps   |
| Terbium    | 159-2 | 8131603   | 8181018   | 8202711   | 8171777   | 0.45   | cps   |
| Thallium   | 203-1 | 4956591   | 4965013   | 4961423   | 4961009   | 0.09   | cps   |
| Thallium   | 205-1 | 11963694  | 12159255  | 12147134  | 12090027  | 0.91   | cps   |
| Tin        | 118-1 | 3575519   | 3582884   | 3633026   | 3597143   | 0.87   | cps   |
| Titanium   | 47-1  | 2669745   | 2672524   | 2674387   | 2672219   | 0.09   | cps   |
| Uranium    | 238-1 | 17826957  | 18053337  | 18087951  | 17989415  | 0.79   | cps   |
| Vanadium   | 51-2  | 985253    | 987872    | 991921    | 988349    | 0.34   | cps   |
| Yttrium    | 89-1  | 13155134  | 13210587  | 13216896  | 13194206  | 0.26   | cps   |
| Yttrium    | 89-2  | 1627072   | 1636716   | 1629829   | 1631206   | 0.30   | cps   |
| Zinc       | 66-2  | 364568    | 368470    | 365911    | 366317    | 0.54   | cps   |
| Zirconium  | 90-1  | 7991187   | 7970368   | 8084761   | 8015439   | 0.76   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-03            | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0443MSD         | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 15:53:43 | DataFile Name :   | 063SMPL.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 1734303 | 1741830 | 1741152 | 1739095 | 0.24   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB91543             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV29               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV29               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-11-10 15:57:34 | DataFile Name :   | 064CCV.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 3403500   | 3410775   | 3453318   | 3422531   | 0.79   | cps   |
| Antimony   | 121-1 | 4581759   | 4631940   | 4635397   | 4616365   | 0.65   | cps   |
| Arsenic    | 75-2  | 140915    | 141961    | 143176    | 142017    | 0.80   | cps   |
| Barium     | 135-1 | 5901283   | 6078986   | 5890333   | 5956867   | 1.78   | cps   |
| Barium     | 137-1 | 10514757  | 10579304  | 10511284  | 10535115  | 0.36   | cps   |
| Beryllium  | 9-1   | 549409    | 550130    | 555151    | 551563    | 0.57   | cps   |
| Bismuth    | 209-1 | 11171338  | 11187151  | 11197835  | 11185442  | 0.12   | cps   |
| Bismuth    | 209-2 | 6055675   | 6069842   | 6054541   | 6060019   | 0.14   | cps   |
| Boron      | 10-1  | 68271     | 69402     | 71662     | 69778     | 2.47   | cps   |
| Boron      | 11-1  | 341160    | 348131    | 356280    | 348523    | 2.17   | cps   |
| Cadmium    | 111-1 | 1082320   | 1069259   | 1075596   | 1075725   | 0.61   | cps   |
| Cadmium    | 106-1 | 116694    | 115660    | 113989    | 115448    | 1.18   | cps   |
| Cadmium    | 108-1 | 79840     | 79350     | 80317     | 79835     | 0.61   | cps   |
| Calcium    | 43-1  | 6139443   | 6191117   | 6211293   | 6180618   | 0.60   | cps   |
| Calcium    | 44-1  | 99282850  | 99930425  | 99947804  | 99720360  | 0.38   | cps   |
| Chromium   | 52-2  | 1227395   | 1237594   | 1259469   | 1241486   | 1.32   | cps   |
| Cobalt     | 59-2  | 2045718   | 2063098   | 2064380   | 2057732   | 0.51   | cps   |
| Copper     | 63-2  | 2941708   | 2977332   | 2974960   | 2964667   | 0.67   | cps   |
| Dysprosium | 156-1 | 117       | 58        | 100       | 92        | 32.77  | cps   |
| Dysprosium | 156-2 | 47        | 83        | 77        | 69        | 28.35  | cps   |
| Erbium     | 164-1 | 83        | 75        | 42        | 67        | 33.07  | cps   |
| Erbium     | 164-2 | 50        | 37        | 53        | 47        | 18.89  | cps   |
| Gadolinium | 160-1 | 117       | 208       | 100       | 142       | 41.17  | cps   |
| Gadolinium | 160-2 | 160       | 107       | 90        | 119       | 30.76  | cps   |
| Holmium    | 165-1 | 17699884  | 17852425  | 17679201  | 17743837  | 0.53   | cps   |
| Holmium    | 165-2 | 8749912   | 8838485   | 8767805   | 8785401   | 0.53   | cps   |
| Indium     | 115-1 | 13545845  | 13493274  | 13485728  | 13508283  | 0.24   | cps   |
| Indium     | 115-2 | 2407480   | 2438083   | 2428618   | 2424727   | 0.65   | cps   |
| Iron       | 56-2  | 251151600 | 252045822 | 253361045 | 252186156 | 0.44   | cps   |
| Iron       | 57-2  | 6143421   | 6208120   | 6213392   | 6188311   | 0.63   | cps   |
| Lead       | 206-1 | 3808173   | 3823122   | 3805543   | 3812279   | 0.25   | cps   |
| Lead       | 207-1 | 3502917   | 3510871   | 3501083   | 3504957   | 0.15   | cps   |
| Lead       | 208-1 | 15898802  | 15942404  | 15911525  | 15917577  | 0.14   | cps   |
| Lithium    | 6-1   | 1972752   | 1979196   | 1975940   | 1975963   | 0.16   | cps   |
| Magnesium  | 24-2  | 40745018  | 40725147  | 41015888  | 40828684  | 0.40   | cps   |
| Manganese  | 55-2  | 1359000   | 1363918   | 1374435   | 1365784   | 0.58   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB91543             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV29               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV29               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-11-10 15:57:34 | DataFile Name :   | 064CCV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 9757187  | 9747762  | 9714298  | 9739749  | 0.23   | cps   |
| Molybdenum | 95-1  | 11673343 | 11717506 | 11620817 | 11670555 | 0.41   | cps   |
| Molybdenum | 96-1  | 12925044 | 12873844 | 12889600 | 12896163 | 0.20   | cps   |
| Molybdenum | 97-1  | 7309682  | 7302984  | 7272239  | 7294968  | 0.27   | cps   |
| Molybdenum | 98-1  | 18901047 | 18858373 | 18889831 | 18883084 | 0.12   | cps   |
| Neodymium  | 150-1 | 293      | 287      | 333      | 304      | 8.29   | cps   |
| Neodymium  | 150-2 | 27       | 43       | 50       | 40       | 30.04  | cps   |
| Nickel     | 60-2  | 533539   | 537723   | 539134   | 536799   | 0.54   | cps   |
| Phosphorus | 31-2  | 34967    | 34917    | 34892    | 34925    | 0.11   | cps   |
| Potassium  | 39-2  | 19772117 | 19942650 | 20130872 | 19948546 | 0.90   | cps   |
| Rhodium    | 103-1 | 11788960 | 11792161 | 11727502 | 11769541 | 0.31   | cps   |
| Rhodium    | 103-2 | 5465814  | 5535225  | 5537136  | 5512725  | 0.74   | cps   |
| Scandium   | 45-1  | 7437863  | 7485334  | 7457657  | 7460285  | 0.32   | cps   |
| Scandium   | 45-2  | 305611   | 309033   | 312031   | 308892   | 1.04   | cps   |
| Selenium   | 77-2  | 2570     | 2624     | 2667     | 2620     | 1.85   | cps   |
| Selenium   | 78-2  | 8743     | 8653     | 8775     | 8724     | 0.73   | cps   |
| Selenium   | 82-1  | 63702    | 64422    | 64379    | 64167    | 0.63   | cps   |
| Silicon    | 28-1  | 2717757  | 2754839  | 2780578  | 2751058  | 1.15   | cps   |
| Silver     | 109-1 | 5249547  | 5191680  | 5211943  | 5217723  | 0.56   | cps   |
| Silver     | 107-1 | 5425515  | 5431732  | 5414738  | 5423995  | 0.16   | cps   |
| Sodium     | 23-2  | 75640729 | 75847100 | 76731804 | 76073211 | 0.76   | cps   |
| Strontium  | 86-1  | 1506418  | 1496970  | 1505519  | 1502969  | 0.35   | cps   |
| Strontium  | 88-1  | 13347165 | 13385135 | 13378692 | 13370331 | 0.15   | cps   |
| Sulfur     | 34-1  | 500129   | 500387   | 504995   | 501837   | 0.55   | cps   |
| Terbium    | 159-1 | 18458618 | 18472849 | 18388283 | 18439917 | 0.25   | cps   |
| Terbium    | 159-2 | 8742676  | 8790416  | 8730780  | 8754624  | 0.36   | cps   |
| Thallium   | 203-1 | 4728957  | 4740088  | 4700114  | 4723053  | 0.44   | cps   |
| Thallium   | 205-1 | 11478237 | 11534330 | 11475314 | 11495960 | 0.29   | cps   |
| Tin        | 118-1 | 3840750  | 3869222  | 3831400  | 3847124  | 0.51   | cps   |
| Titanium   | 47-1  | 2834552  | 2858043  | 2854572  | 2849056  | 0.45   | cps   |
| Uranium    | 238-1 | 17454693 | 17410771 | 17351145 | 17405536 | 0.30   | cps   |
| Vanadium   | 51-2  | 1022980  | 1029750  | 1039082  | 1030604  | 0.78   | cps   |
| Yttrium    | 89-1  | 13940158 | 13966224 | 13896689 | 13934357 | 0.25   | cps   |
| Yttrium    | 89-2  | 1832679  | 1840377  | 1861055  | 1844704  | 0.80   | cps   |
| Zinc       | 66-2  | 390127   | 392822   | 394920   | 392623   | 0.61   | cps   |
| Zirconium  | 90-1  | 8369263  | 8354719  | 8346360  | 8356781  | 0.14   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB91543             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV29               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV29               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-11-10 15:57:34 | DataFile Name :   | 064CCV.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 1806908 | 1817264 | 1809139 | 1811104 | 0.30   | cps   |



LB Number : LB91543 Operator : Jaswal  
 Lab Sample ID : CCB29 Instrumnet Name : P7  
 Client Sample ID : CCB29 Dilution Factor : 1  
 Date & Time Acquired :: 2017-11-10 16:01:07 DataFile Name : 065CCBE.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 167      | 83       | 108      | 119      | 35.80  | cps   |
| Antimony   | 121-1 | 13932    | 13482    | 11689    | 13034    | 9.11   | cps   |
| Arsenic    | 75-2  | 41       | 43       | 37       | 40       | 7.04   | cps   |
| Barium     | 135-1 | 308      | 367      | 250      | 308      | 18.92  | cps   |
| Barium     | 137-1 | 475      | 542      | 367      | 461      | 19.15  | cps   |
| Beryllium  | 9-1   | 189      | 244      | 172      | 202      | 18.73  | cps   |
| Bismuth    | 209-1 | 11924170 | 11971411 | 11958937 | 11951506 | 0.20   | cps   |
| Bismuth    | 209-2 | 6437083  | 6499403  | 6550694  | 6495727  | 0.88   | cps   |
| Boron      | 10-1  | 3150     | 2792     | 2442     | 2795     | 12.68  | cps   |
| Boron      | 11-1  | 14324    | 12973    | 11722    | 13006    | 10.01  | cps   |
| Cadmium    | 111-1 | 2227     | 2201     | 2330     | 2252     | 3.04   | cps   |
| Cadmium    | 106-1 | 3092     | 3000     | 3192     | 3095     | 3.10   | cps   |
| Cadmium    | 108-1 | 13       | 29       | 13       | 18       | 53.30  | cps   |
| Calcium    | 43-1  | 392      | 458      | 383      | 411      | 10.00  | cps   |
| Calcium    | 44-1  | 15676    | 15917    | 15609    | 15734    | 1.03   | cps   |
| Chromium   | 52-2  | 1327     | 1247     | 1347     | 1307     | 4.05   | cps   |
| Cobalt     | 59-2  | 123      | 140      | 137      | 133      | 6.61   | cps   |
| Copper     | 63-2  | 3671     | 3397     | 3490     | 3519     | 3.95   | cps   |
| Dysprosium | 156-1 | 25       | 8        | 0        | 11       | 114.58 | cps   |
| Dysprosium | 156-2 | 0        | 7        | 7        | 4        | 86.60  | cps   |
| Erbium     | 164-1 | 17       | 75       | 67       | 53       | 59.77  | cps   |
| Erbium     | 164-2 | 27       | 37       | 23       | 29       | 24.03  | cps   |
| Gadolinium | 160-1 | 58       | 58       | 83       | 67       | 21.65  | cps   |
| Gadolinium | 160-2 | 67       | 123      | 73       | 88       | 35.29  | cps   |
| Holmium    | 165-1 | 17699123 | 17709606 | 17591880 | 17666870 | 0.37   | cps   |
| Holmium    | 165-2 | 8818719  | 8772728  | 8832516  | 8807988  | 0.36   | cps   |
| Indium     | 115-1 | 14221408 | 14160587 | 14214551 | 14198849 | 0.23   | cps   |
| Indium     | 115-2 | 2541164  | 2538567  | 2531492  | 2537074  | 0.20   | cps   |
| Iron       | 56-2  | 12139    | 12267    | 12428    | 12278    | 1.18   | cps   |
| Iron       | 57-2  | 361      | 444      | 261      | 356      | 25.82  | cps   |
| Lead       | 206-1 | 1672     | 1567     | 1628     | 1622     | 3.27   | cps   |
| Lead       | 207-1 | 1450     | 1661     | 1356     | 1489     | 10.51  | cps   |
| Lead       | 208-1 | 6617     | 6845     | 6718     | 6727     | 1.70   | cps   |
| Lithium    | 6-1   | 2090388  | 2090083  | 2087842  | 2089438  | 0.07   | cps   |
| Magnesium  | 24-2  | 1075     | 1050     | 1275     | 1133     | 10.88  | cps   |
| Manganese  | 55-2  | 187      | 173      | 190      | 183      | 4.81   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB29               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB29               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 16:01:07 | DataFile Name :   | 065CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 3551     | 3509     | 3042     | 3367     | 8.38   | cps   |
| Molybdenum | 95-1  | 4493     | 4309     | 3867     | 4223     | 7.61   | cps   |
| Molybdenum | 96-1  | 5018     | 4884     | 4451     | 4784     | 6.19   | cps   |
| Molybdenum | 97-1  | 2942     | 2667     | 2567     | 2725     | 7.13   | cps   |
| Molybdenum | 98-1  | 7119     | 6694     | 6635     | 6816     | 3.87   | cps   |
| Neodymium  | 150-1 | 7        | 7        | 7        | 7        | 0.00   | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Nickel     | 60-2  | 120      | 133      | 167      | 140      | 17.17  | cps   |
| Phosphorus | 31-2  | 67       | 92       | 42       | 67       | 37.50  | cps   |
| Potassium  | 39-2  | 16260    | 16326    | 17152    | 16579    | 3.00   | cps   |
| Rhodium    | 103-1 | 12879631 | 12954062 | 12893332 | 12909008 | 0.31   | cps   |
| Rhodium    | 103-2 | 6126715  | 6149029  | 6146796  | 6140847  | 0.20   | cps   |
| Scandium   | 45-1  | 7651438  | 7604534  | 7597193  | 7617722  | 0.39   | cps   |
| Scandium   | 45-2  | 306090   | 309102   | 307957   | 307716   | 0.49   | cps   |
| Selenium   | 77-2  | 0        | 7        | 3        | 3        | 100.05 | cps   |
| Selenium   | 78-2  | 59       | 57       | 65       | 60       | 6.38   | cps   |
| Selenium   | 82-1  | -21      | 37       | 47       | 21       | 171.99 | cps   |
| Silicon    | 28-1  | 155190   | 150702   | 151133   | 152342   | 1.63   | cps   |
| Silver     | 109-1 | 1800     | 1709     | 1600     | 1703     | 5.88   | cps   |
| Silver     | 107-1 | 1784     | 2017     | 1667     | 1822     | 9.78   | cps   |
| Sodium     | 23-2  | 32628    | 33463    | 33046    | 33046    | 1.26   | cps   |
| Strontium  | 86-1  | 758      | 600      | 658      | 672      | 11.91  | cps   |
| Strontium  | 88-1  | 1383     | 1175     | 1275     | 1278     | 8.15   | cps   |
| Sulfur     | 34-1  | 191820   | 186908   | 188267   | 188998   | 1.34   | cps   |
| Terbium    | 159-1 | 18515829 | 18544372 | 18573498 | 18544567 | 0.16   | cps   |
| Terbium    | 159-2 | 8812203  | 8787339  | 8879193  | 8826245  | 0.54   | cps   |
| Thallium   | 203-1 | 967      | 967      | 967      | 967      | 0.00   | cps   |
| Thallium   | 205-1 | 2434     | 2167     | 2375     | 2325     | 6.03   | cps   |
| Tin        | 118-1 | 3226     | 2942     | 2909     | 3025     | 5.75   | cps   |
| Titanium   | 47-1  | 392      | 283      | 267      | 314      | 21.62  | cps   |
| Uranium    | 238-1 | 783      | 950      | 925      | 886      | 10.14  | cps   |
| Vanadium   | 51-2  | 50       | 43       | 47       | 47       | 7.15   | cps   |
| Yttrium    | 89-1  | 14173506 | 14235967 | 14194744 | 14201405 | 0.22   | cps   |
| Yttrium    | 89-2  | 1847978  | 1848241  | 1853803  | 1850007  | 0.18   | cps   |
| Zinc       | 66-2  | 3104     | 3304     | 3160     | 3189     | 3.23   | cps   |
| Zirconium  | 90-1  | 2700     | 2784     | 2692     | 2725     | 1.86   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB29               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB29               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 16:01:07 | DataFile Name :   | 065CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 575  | 608  | 508  | 564     | 9.03   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-01A           | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0443A           | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 16:04:39 | DataFile Name :   | 066SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 635957    | 634379    | 623437    | 631257    | 1.08   | cps   |
| Antimony   | 121-1 | 4902299   | 4953427   | 4971335   | 4942354   | 0.72   | cps   |
| Arsenic    | 75-2  | 151988    | 152535    | 152578    | 152367    | 0.22   | cps   |
| Barium     | 135-1 | 6065926   | 6109787   | 6172805   | 6116173   | 0.88   | cps   |
| Barium     | 137-1 | 10623304  | 10679205  | 10761877  | 10688128  | 0.65   | cps   |
| Beryllium  | 9-1   | 522375    | 514553    | 512719    | 516549    | 0.99   | cps   |
| Bismuth    | 209-1 | 10834153  | 10922795  | 10959348  | 10905432  | 0.59   | cps   |
| Bismuth    | 209-2 | 5650817   | 5690551   | 5698958   | 5680109   | 0.45   | cps   |
| Boron      | 10-1  | 72022     | 72206     | 72960     | 72396     | 0.69   | cps   |
| Boron      | 11-1  | 365112    | 367058    | 369964    | 367378    | 0.66   | cps   |
| Cadmium    | 111-1 | 1076608   | 1078912   | 1091262   | 1082260   | 0.73   | cps   |
| Cadmium    | 106-1 | 114972    | 114435    | 114888    | 114765    | 0.25   | cps   |
| Cadmium    | 108-1 | 79521     | 79999     | 80565     | 80028     | 0.65   | cps   |
| Calcium    | 43-1  | 6546731   | 6483042   | 6484636   | 6504803   | 0.56   | cps   |
| Calcium    | 44-1  | 105611623 | 105364265 | 104774179 | 105250022 | 0.41   | cps   |
| Chromium   | 52-2  | 1225178   | 1228088   | 1229553   | 1227606   | 0.18   | cps   |
| Cobalt     | 59-2  | 2019800   | 2019594   | 2011241   | 2016878   | 0.24   | cps   |
| Copper     | 63-2  | 2828642   | 2847373   | 2835066   | 2837027   | 0.34   | cps   |
| Dysprosium | 156-1 | 1884      | 1650      | 1684      | 1739      | 7.26   | cps   |
| Dysprosium | 156-2 | 867       | 757       | 727       | 783       | 9.41   | cps   |
| Erbium     | 164-1 | 6819      | 6360      | 7085      | 6755      | 5.43   | cps   |
| Erbium     | 164-2 | 3084      | 3204      | 3290      | 3193      | 3.25   | cps   |
| Gadolinium | 160-1 | 1984      | 1900      | 2034      | 1972      | 3.42   | cps   |
| Gadolinium | 160-2 | 920       | 990       | 947       | 952       | 3.71   | cps   |
| Holmium    | 165-1 | 16881411  | 17083411  | 17214035  | 17059619  | 0.98   | cps   |
| Holmium    | 165-2 | 8205713   | 8241345   | 8247215   | 8231424   | 0.27   | cps   |
| Indium     | 115-1 | 13181184  | 13190479  | 13242914  | 13204859  | 0.25   | cps   |
| Indium     | 115-2 | 2211863   | 2210557   | 2215083   | 2212501   | 0.11   | cps   |
| Iron       | 56-2  | 62309613  | 61903219  | 61853403  | 62022078  | 0.40   | cps   |
| Iron       | 57-2  | 1510056   | 1512077   | 1500922   | 1507685   | 0.39   | cps   |
| Lead       | 206-1 | 3817210   | 3845900   | 3884642   | 3849251   | 0.88   | cps   |
| Lead       | 207-1 | 3532563   | 3542471   | 3626674   | 3567236   | 1.45   | cps   |
| Lead       | 208-1 | 15978979  | 16194226  | 16425267  | 16199491  | 1.38   | cps   |
| Lithium    | 6-1   | 2064668   | 2096046   | 2106914   | 2089209   | 1.05   | cps   |
| Magnesium  | 24-2  | 17618644  | 17633740  | 17469492  | 17573959  | 0.52   | cps   |
| Manganese  | 55-2  | 4100714   | 4107836   | 4114146   | 4107565   | 0.16   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-01A           | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0443A           | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 16:04:39 | DataFile Name :   | 066SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Molybdenum | 94-1  | 9321393   | 9356512   | 9465479   | 9381128   | 0.80   | cps   |
| Molybdenum | 95-1  | 11212041  | 11273197  | 11367599  | 11284279  | 0.69   | cps   |
| Molybdenum | 96-1  | 12459684  | 12449672  | 12698094  | 12535817  | 1.12   | cps   |
| Molybdenum | 97-1  | 7100091   | 7043002   | 7177024   | 7106706   | 0.95   | cps   |
| Molybdenum | 98-1  | 18375515  | 18464980  | 18628639  | 18489711  | 0.69   | cps   |
| Neodymium  | 150-1 | 2647      | 2667      | 2740      | 2685      | 1.83   | cps   |
| Neodymium  | 150-2 | 907       | 917       | 950       | 924       | 2.45   | cps   |
| Nickel     | 60-2  | 535211    | 533084    | 537297    | 535197    | 0.39   | cps   |
| Phosphorus | 31-2  | 375       | 342       | 358       | 358       | 4.65   | cps   |
| Potassium  | 39-2  | 4913593   | 4876310   | 4889621   | 4893175   | 0.39   | cps   |
| Rhodium    | 103-1 | 11096887  | 11285333  | 11286289  | 11222836  | 0.97   | cps   |
| Rhodium    | 103-2 | 5070703   | 5118653   | 5111529   | 5100295   | 0.51   | cps   |
| Scandium   | 45-1  | 6940920   | 6907742   | 6893177   | 6913946   | 0.35   | cps   |
| Scandium   | 45-2  | 272788    | 274297    | 273081    | 273389    | 0.29   | cps   |
| Selenium   | 77-2  | 2327      | 2347      | 2470      | 2381      | 3.26   | cps   |
| Selenium   | 78-2  | 8402      | 8238      | 8204      | 8281      | 1.28   | cps   |
| Selenium   | 82-1  | 65034     | 65481     | 66197     | 65571     | 0.89   | cps   |
| Silicon    | 28-1  | 35971546  | 35521504  | 35426456  | 35639835  | 0.82   | cps   |
| Silver     | 109-1 | 5520638   | 5543645   | 5587294   | 5550526   | 0.61   | cps   |
| Silver     | 107-1 | 5737634   | 5771899   | 5787051   | 5765528   | 0.44   | cps   |
| Sodium     | 23-2  | 163288416 | 162772149 | 162738199 | 162932922 | 0.19   | cps   |
| Strontium  | 86-1  | 6160269   | 6143251   | 6181454   | 6161658   | 0.31   | cps   |
| Strontium  | 88-1  | 53088926  | 53220382  | 53682999  | 53330769  | 0.59   | cps   |
| Sulfur     | 34-1  | 554416    | 542902    | 542214    | 546511    | 1.25   | cps   |
| Terbium    | 159-1 | 17565328  | 17798557  | 17771834  | 17711906  | 0.72   | cps   |
| Terbium    | 159-2 | 8165563   | 8166955   | 8203604   | 8178707   | 0.26   | cps   |
| Thallium   | 203-1 | 4840533   | 4865840   | 4924921   | 4877098   | 0.89   | cps   |
| Thallium   | 205-1 | 11783468  | 11899209  | 11989193  | 11890624  | 0.87   | cps   |
| Tin        | 118-1 | 3560331   | 3593131   | 3607185   | 3586882   | 0.67   | cps   |
| Titanium   | 47-1  | 2730273   | 2709046   | 2713827   | 2717715   | 0.41   | cps   |
| Uranium    | 238-1 | 17285263  | 17510017  | 17688099  | 17494460  | 1.15   | cps   |
| Vanadium   | 51-2  | 994495    | 998575    | 995183    | 996084    | 0.22   | cps   |
| Yttrium    | 89-1  | 13252632  | 13354594  | 13381543  | 13329589  | 0.51   | cps   |
| Yttrium    | 89-2  | 1644558   | 1647894   | 1648271   | 1646908   | 0.12   | cps   |
| Zinc       | 66-2  | 365802    | 368015    | 364547    | 366121    | 0.48   | cps   |
| Zirconium  | 90-1  | 8040105   | 8085355   | 8092314   | 8072591   | 0.35   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-01A           | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0443A           | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 16:04:39 | DataFile Name :   | 066SMPL.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 1734787 | 1734337 | 1760659 | 1743261 | 0.86   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-04            | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0438            | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 16:08:13 | DataFile Name :   | 067SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 102844    | 103264    | 101048    | 102385    | 1.15   | cps   |
| Antimony   | 121-1 | 17637     | 18504     | 17520     | 17887     | 3.01   | cps   |
| Arsenic    | 75-2  | 4942      | 4753      | 4880      | 4858      | 1.98   | cps   |
| Barium     | 135-1 | 338867    | 336718    | 347520    | 341035    | 1.68   | cps   |
| Barium     | 137-1 | 593438    | 597393    | 597602    | 596144    | 0.39   | cps   |
| Beryllium  | 9-1   | 356       | 406       | 406       | 389       | 7.42   | cps   |
| Bismuth    | 209-1 | 11028068  | 11189028  | 11228508  | 11148535  | 0.95   | cps   |
| Bismuth    | 209-2 | 5727500   | 5792403   | 5824079   | 5781327   | 0.85   | cps   |
| Boron      | 10-1  | 7711      | 7811      | 7435      | 7652      | 2.54   | cps   |
| Boron      | 11-1  | 37974     | 38241     | 37748     | 37988     | 0.65   | cps   |
| Cadmium    | 111-1 | 11722     | 12110     | 12102     | 11978     | 1.85   | cps   |
| Cadmium    | 106-1 | 3784      | 3959      | 3842      | 3862      | 2.31   | cps   |
| Cadmium    | 108-1 | 817       | 742       | 642       | 733       | 11.97  | cps   |
| Calcium    | 43-1  | 6855446   | 6834413   | 6880898   | 6856919   | 0.34   | cps   |
| Calcium    | 44-1  | 110922640 | 110539557 | 111213373 | 110891857 | 0.30   | cps   |
| Chromium   | 52-2  | 105702    | 104312    | 107090    | 105701    | 1.31   | cps   |
| Cobalt     | 59-2  | 29977     | 28872     | 30362     | 29737     | 2.60   | cps   |
| Copper     | 63-2  | 160607    | 160172    | 161755    | 160845    | 0.51   | cps   |
| Dysprosium | 156-1 | 3367      | 2992      | 3334      | 3231      | 6.43   | cps   |
| Dysprosium | 156-2 | 1390      | 1347      | 1417      | 1385      | 2.55   | cps   |
| Erbium     | 164-1 | 3134      | 3367      | 3142      | 3214      | 4.12   | cps   |
| Erbium     | 164-2 | 1390      | 1463      | 1427      | 1427      | 2.57   | cps   |
| Gadolinium | 160-1 | 2800      | 2984      | 2900      | 2895      | 3.17   | cps   |
| Gadolinium | 160-2 | 1520      | 1723      | 1643      | 1629      | 6.29   | cps   |
| Holmium    | 165-1 | 17230074  | 17300587  | 17599003  | 17376555  | 1.13   | cps   |
| Holmium    | 165-2 | 8262505   | 8275083   | 8287530   | 8275039   | 0.15   | cps   |
| Indium     | 115-1 | 13097049  | 13194648  | 13268416  | 13186704  | 0.65   | cps   |
| Indium     | 115-2 | 2202019   | 2230720   | 2223279   | 2218673   | 0.67   | cps   |
| Iron       | 56-2  | 142930042 | 142995514 | 143573881 | 143166479 | 0.25   | cps   |
| Iron       | 57-2  | 3472720   | 3499917   | 3512524   | 3495054   | 0.58   | cps   |
| Lead       | 206-1 | 60633     | 59890     | 60253     | 60259     | 0.62   | cps   |
| Lead       | 207-1 | 48947     | 48974     | 49520     | 49147     | 0.66   | cps   |
| Lead       | 208-1 | 231142    | 231149    | 232989    | 231760    | 0.46   | cps   |
| Lithium    | 6-1   | 1952592   | 1964385   | 1957040   | 1958006   | 0.30   | cps   |
| Magnesium  | 24-2  | 6495074   | 6543463   | 6514124   | 6517554   | 0.37   | cps   |
| Manganese  | 55-2  | 4680106   | 4667534   | 4689346   | 4678995   | 0.23   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-04            | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0438            | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 16:08:13 | DataFile Name :   | 067SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Molybdenum | 94-1  | 10438     | 10721     | 10413     | 10524     | 1.63   | cps   |
| Molybdenum | 95-1  | 10780     | 10930     | 10838     | 10849     | 0.70   | cps   |
| Molybdenum | 96-1  | 13474     | 13248     | 13490     | 13404     | 1.01   | cps   |
| Molybdenum | 97-1  | 6318      | 6502      | 6285      | 6368      | 1.83   | cps   |
| Molybdenum | 98-1  | 17027     | 16418     | 16919     | 16788     | 1.94   | cps   |
| Neodymium  | 150-1 | 4674      | 4441      | 4454      | 4523      | 2.90   | cps   |
| Neodymium  | 150-2 | 1687      | 1587      | 1673      | 1649      | 3.29   | cps   |
| Nickel     | 60-2  | 42077     | 42371     | 42662     | 42370     | 0.69   | cps   |
| Phosphorus | 31-2  | 1558      | 1750      | 1934      | 1747      | 10.73  | cps   |
| Potassium  | 39-2  | 1589458   | 1604419   | 1611517   | 1601798   | 0.70   | cps   |
| Rhodium    | 103-1 | 11152101  | 11336025  | 11283679  | 11257268  | 0.84   | cps   |
| Rhodium    | 103-2 | 5114098   | 5163869   | 5181307   | 5153091   | 0.68   | cps   |
| Scandium   | 45-1  | 6615280   | 6679105   | 6668704   | 6654363   | 0.51   | cps   |
| Scandium   | 45-2  | 264561    | 266475    | 267513    | 266183    | 0.56   | cps   |
| Selenium   | 77-2  | 3         | 17        | 7         | 9         | 78.08  | cps   |
| Selenium   | 78-2  | 59        | 35        | 69        | 54        | 31.67  | cps   |
| Selenium   | 82-1  | 111       | 79        | 149       | 113       | 31.16  | cps   |
| Silicon    | 28-1  | 70512133  | 70588608  | 71019522  | 70706754  | 0.39   | cps   |
| Silver     | 109-1 | 7777      | 7694      | 7194      | 7555      | 4.18   | cps   |
| Silver     | 107-1 | 7777      | 7978      | 8503      | 8086      | 4.63   | cps   |
| Sodium     | 23-2  | 106377569 | 107193844 | 106695986 | 106755800 | 0.39   | cps   |
| Strontium  | 86-1  | 4042930   | 4065967   | 4098957   | 4069285   | 0.69   | cps   |
| Strontium  | 88-1  | 36079422  | 36314231  | 36680016  | 36357890  | 0.83   | cps   |
| Sulfur     | 34-1  | 572145    | 567745    | 575912    | 571934    | 0.71   | cps   |
| Terbium    | 159-1 | 17876492  | 17993315  | 18210735  | 18026848  | 0.94   | cps   |
| Terbium    | 159-2 | 8206280   | 8277183   | 8290877   | 8258113   | 0.55   | cps   |
| Thallium   | 203-1 | 1550      | 1425      | 1367      | 1447      | 6.47   | cps   |
| Thallium   | 205-1 | 3642      | 3717      | 3817      | 3726      | 2.36   | cps   |
| Tin        | 118-1 | 27545     | 27419     | 26368     | 27110     | 2.38   | cps   |
| Titanium   | 47-1  | 61353     | 59764     | 62567     | 61228     | 2.30   | cps   |
| Uranium    | 238-1 | 147559    | 146364    | 147493    | 147139    | 0.46   | cps   |
| Vanadium   | 51-2  | 40268     | 40382     | 41167     | 40606     | 1.21   | cps   |
| Yttrium    | 89-1  | 13070670  | 13282702  | 13326785  | 13226719  | 1.04   | cps   |
| Yttrium    | 89-2  | 1625287   | 1651617   | 1647257   | 1641387   | 0.86   | cps   |
| Zinc       | 66-2  | 130211    | 131589    | 131923    | 131241    | 0.69   | cps   |
| Zirconium  | 90-1  | 12773     | 11897     | 12732     | 12468     | 3.97   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-04            | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0438            | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 16:08:13 | DataFile Name :   | 067SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 3718 | 2817 | 2684 | 3073    | 18.32  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-05            | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0435            | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 16:11:48 | DataFile Name :   | 068SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2784     | 2417     | 2592     | 2598     | 7.06   | cps   |
| Antimony   | 121-1 | 11714    | 11230    | 11472    | 11472    | 2.11   | cps   |
| Arsenic    | 75-2  | 14628    | 15280    | 15039    | 14982    | 2.20   | cps   |
| Barium     | 135-1 | 145362   | 144840   | 146053   | 145418   | 0.42   | cps   |
| Barium     | 137-1 | 254398   | 251992   | 255071   | 253820   | 0.64   | cps   |
| Beryllium  | 9-1   | 194      | 144      | 194      | 178      | 16.24  | cps   |
| Bismuth    | 209-1 | 11231302 | 11197343 | 11324373 | 11251006 | 0.58   | cps   |
| Bismuth    | 209-2 | 5744271  | 5749911  | 5767700  | 5753961  | 0.21   | cps   |
| Boron      | 10-1  | 7019     | 7019     | 6627     | 6888     | 3.28   | cps   |
| Boron      | 11-1  | 34014    | 34966    | 34490    | 34490    | 1.38   | cps   |
| Cadmium    | 111-1 | 2383     | 2290     | 2267     | 2313     | 2.65   | cps   |
| Cadmium    | 106-1 | 3050     | 2800     | 2800     | 2884     | 5.01   | cps   |
| Cadmium    | 108-1 | 33       | 29       | 38       | 33       | 12.50  | cps   |
| Calcium    | 43-1  | 3287889  | 3319762  | 3333159  | 3313603  | 0.70   | cps   |
| Calcium    | 44-1  | 54532318 | 54764545 | 54808328 | 54701730 | 0.27   | cps   |
| Chromium   | 52-2  | 2590     | 2344     | 2534     | 2489     | 5.19   | cps   |
| Cobalt     | 59-2  | 4091     | 4584     | 4507     | 4394     | 6.04   | cps   |
| Copper     | 63-2  | 16476    | 16289    | 17057    | 16607    | 2.41   | cps   |
| Dysprosium | 156-1 | 92       | 133      | 117      | 114      | 18.41  | cps   |
| Dysprosium | 156-2 | 63       | 47       | 63       | 58       | 16.65  | cps   |
| Erbium     | 164-1 | 250      | 125      | 167      | 181      | 35.25  | cps   |
| Erbium     | 164-2 | 77       | 73       | 47       | 66       | 25.08  | cps   |
| Gadolinium | 160-1 | 192      | 175      | 142      | 169      | 15.03  | cps   |
| Gadolinium | 160-2 | 83       | 80       | 133      | 99       | 30.22  | cps   |
| Holmium    | 165-1 | 17285945 | 17388669 | 17394807 | 17356473 | 0.35   | cps   |
| Holmium    | 165-2 | 8250976  | 8267324  | 8222375  | 8246891  | 0.28   | cps   |
| Indium     | 115-1 | 13134020 | 13361572 | 13344946 | 13280179 | 0.96   | cps   |
| Indium     | 115-2 | 2177830  | 2205770  | 2201180  | 2194927  | 0.68   | cps   |
| Iron       | 56-2  | 5178603  | 5210384  | 5186118  | 5191702  | 0.32   | cps   |
| Iron       | 57-2  | 130133   | 131982   | 130749   | 130954   | 0.72   | cps   |
| Lead       | 206-1 | 4284     | 4495     | 4640     | 4473     | 4.00   | cps   |
| Lead       | 207-1 | 3978     | 3851     | 3940     | 3923     | 1.67   | cps   |
| Lead       | 208-1 | 17505    | 17321    | 18211    | 17679    | 2.66   | cps   |
| Lithium    | 6-1   | 1883659  | 1898058  | 1904393  | 1895370  | 0.56   | cps   |
| Magnesium  | 24-2  | 8311400  | 8341916  | 8336517  | 8329944  | 0.20   | cps   |
| Manganese  | 55-2  | 1385322  | 1386357  | 1384377  | 1385352  | 0.07   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-05            | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0435            | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 16:11:48 | DataFile Name :   | 068SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Molybdenum | 94-1  | 3751      | 4359      | 4042      | 4051      | 7.51   | cps   |
| Molybdenum | 95-1  | 5193      | 4926      | 5268      | 5129      | 3.50   | cps   |
| Molybdenum | 96-1  | 5851      | 5935      | 5701      | 5829      | 2.03   | cps   |
| Molybdenum | 97-1  | 3509      | 2884      | 3209      | 3201      | 9.77   | cps   |
| Molybdenum | 98-1  | 8753      | 8486      | 8436      | 8559      | 1.99   | cps   |
| Neodymium  | 150-1 | 247       | 187       | 247       | 227       | 15.28  | cps   |
| Neodymium  | 150-2 | 57        | 70        | 63        | 63        | 10.52  | cps   |
| Nickel     | 60-2  | 2860      | 2747      | 2887      | 2831      | 2.63   | cps   |
| Phosphorus | 31-2  | 150       | 92        | 125       | 122       | 23.95  | cps   |
| Potassium  | 39-2  | 1641556   | 1657825   | 1655500   | 1651627   | 0.53   | cps   |
| Rhodium    | 103-1 | 11294163  | 11362348  | 11448926  | 11368479  | 0.68   | cps   |
| Rhodium    | 103-2 | 5061580   | 5145500   | 5147994   | 5118358   | 0.96   | cps   |
| Scandium   | 45-1  | 6580068   | 6616306   | 6649034   | 6615136   | 0.52   | cps   |
| Scandium   | 45-2  | 263264    | 263985    | 266600    | 264617    | 0.66   | cps   |
| Selenium   | 77-2  | 3         | 3         | 7         | 4         | 43.40  | cps   |
| Selenium   | 78-2  | 39        | 22        | 57        | 40        | 44.56  | cps   |
| Selenium   | 82-1  | -20       | 50        | 32        | 21        | 175.71 | cps   |
| Silicon    | 28-1  | 36355463  | 36559320  | 36604590  | 36506458  | 0.36   | cps   |
| Silver     | 109-1 | 3809      | 3642      | 3726      | 3726      | 2.24   | cps   |
| Silver     | 107-1 | 4393      | 4126      | 3726      | 4081      | 8.22   | cps   |
| Sodium     | 23-2  | 105925157 | 106285244 | 106185352 | 106131918 | 0.18   | cps   |
| Strontium  | 86-1  | 3044430   | 3013712   | 3031293   | 3029812   | 0.51   | cps   |
| Strontium  | 88-1  | 27090312  | 27255926  | 27189057  | 27178432  | 0.31   | cps   |
| Sulfur     | 34-1  | 348276    | 350119    | 351528    | 349974    | 0.47   | cps   |
| Terbium    | 159-1 | 17977192  | 18120598  | 18222633  | 18106808  | 0.68   | cps   |
| Terbium    | 159-2 | 8227038   | 8212426   | 8216171   | 8218545   | 0.09   | cps   |
| Thallium   | 203-1 | 492       | 417       | 333       | 414       | 19.14  | cps   |
| Thallium   | 205-1 | 1000      | 942       | 958       | 967       | 3.11   | cps   |
| Tin        | 118-1 | 16936     | 16694     | 17195     | 16941     | 1.48   | cps   |
| Titanium   | 47-1  | 2550      | 2625      | 2484      | 2553      | 2.78   | cps   |
| Uranium    | 238-1 | 37121     | 38224     | 37714     | 37686     | 1.47   | cps   |
| Vanadium   | 51-2  | 620       | 673       | 653       | 649       | 4.15   | cps   |
| Yttrium    | 89-1  | 13094416  | 13293228  | 13225734  | 13204460  | 0.77   | cps   |
| Yttrium    | 89-2  | 1605517   | 1604612   | 1612894   | 1607674   | 0.28   | cps   |
| Zinc       | 66-2  | 6978      | 6832      | 6968      | 6926      | 1.18   | cps   |
| Zirconium  | 90-1  | 3075      | 3034      | 3134      | 3081      | 1.63   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-05            | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0435            | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 16:11:48 | DataFile Name :   | 068SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 742  | 717  | 742  | 733     | 1.97   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-06            | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-EB-2017-3       | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 16:15:22 | DataFile Name :   | 069SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 167      | 92       | 142      | 133      | 28.64  | cps   |
| Antimony   | 121-1 | 11272    | 11438    | 12014    | 11575    | 3.36   | cps   |
| Arsenic    | 75-2  | 46       | 46       | 59       | 51       | 14.78  | cps   |
| Barium     | 135-1 | 542      | 608      | 692      | 614      | 12.24  | cps   |
| Barium     | 137-1 | 975      | 1250     | 1092     | 1106     | 12.48  | cps   |
| Beryllium  | 9-1   | 161      | 156      | 117      | 144      | 16.77  | cps   |
| Bismuth    | 209-1 | 12090158 | 12302916 | 12376861 | 12256645 | 1.21   | cps   |
| Bismuth    | 209-2 | 6133671  | 6169203  | 6231299  | 6178058  | 0.80   | cps   |
| Boron      | 10-1  | 2717     | 2267     | 2825     | 2603     | 11.38  | cps   |
| Boron      | 11-1  | 12898    | 12614    | 12414    | 12642    | 1.92   | cps   |
| Cadmium    | 111-1 | 2000     | 2019     | 1831     | 1950     | 5.32   | cps   |
| Cadmium    | 106-1 | 2759     | 2717     | 2500     | 2659     | 5.22   | cps   |
| Cadmium    | 108-1 | 21       | 17       | 4        | 14       | 62.43  | cps   |
| Calcium    | 43-1  | 1008     | 1067     | 1033     | 1036     | 2.83   | cps   |
| Calcium    | 44-1  | 23319    | 21959    | 22376    | 22551    | 3.09   | cps   |
| Chromium   | 52-2  | 1490     | 1363     | 1310     | 1388     | 6.66   | cps   |
| Cobalt     | 59-2  | 133      | 147      | 170      | 150      | 12.37  | cps   |
| Copper     | 63-2  | 16279    | 16416    | 16863    | 16520    | 1.85   | cps   |
| Dysprosium | 156-1 | 8        | 33       | 25       | 22       | 57.29  | cps   |
| Dysprosium | 156-2 | 7        | 7        | 10       | 8        | 24.71  | cps   |
| Erbium     | 164-1 | 33       | 92       | 58       | 61       | 47.89  | cps   |
| Erbium     | 164-2 | 20       | 27       | 27       | 24       | 15.75  | cps   |
| Gadolinium | 160-1 | 67       | 42       | 58       | 56       | 22.91  | cps   |
| Gadolinium | 160-2 | 47       | 57       | 53       | 52       | 9.75   | cps   |
| Holmium    | 165-1 | 17553691 | 17611968 | 17665168 | 17610276 | 0.32   | cps   |
| Holmium    | 165-2 | 8194597  | 8229662  | 8336467  | 8253575  | 0.90   | cps   |
| Indium     | 115-1 | 13686649 | 13755708 | 13775013 | 13739123 | 0.34   | cps   |
| Indium     | 115-2 | 2229531  | 2224694  | 2247820  | 2234015  | 0.55   | cps   |
| Iron       | 56-2  | 11182    | 11271    | 11405    | 11286    | 0.99   | cps   |
| Iron       | 57-2  | 278      | 272      | 300      | 283      | 5.19   | cps   |
| Lead       | 206-1 | 2656     | 2800     | 2617     | 2691     | 3.59   | cps   |
| Lead       | 207-1 | 2484     | 2267     | 2456     | 2402     | 4.91   | cps   |
| Lead       | 208-1 | 10735    | 10819    | 10752    | 10769    | 0.41   | cps   |
| Lithium    | 6-1   | 1869515  | 1871866  | 1870154  | 1870512  | 0.06   | cps   |
| Magnesium  | 24-2  | 850      | 892      | 883      | 875      | 2.52   | cps   |
| Manganese  | 55-2  | 717      | 703      | 800      | 740      | 7.08   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-06            | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-EB-2017-3       | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 16:15:22 | DataFile Name :   | 069SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Molybdenum | 94-1  | 1075     | 883      | 842      | 933      | 13.33   | cps   |
| Molybdenum | 95-1  | 908      | 817      | 892      | 872      | 5.60    | cps   |
| Molybdenum | 96-1  | 942      | 908      | 1117     | 989      | 11.32   | cps   |
| Molybdenum | 97-1  | 608      | 517      | 525      | 550      | 9.22    | cps   |
| Molybdenum | 98-1  | 1383     | 1275     | 1375     | 1345     | 4.48    | cps   |
| Neodymium  | 150-1 | 60       | 67       | 100      | 76       | 28.37   | cps   |
| Neodymium  | 150-2 | 3        | 3        | 0        | 2        | 86.60   | cps   |
| Nickel     | 60-2  | 330      | 287      | 347      | 321      | 9.65    | cps   |
| Phosphorus | 31-2  | 58       | 100      | 25       | 61       | 61.49   | cps   |
| Potassium  | 39-2  | 15317    | 15509    | 16944    | 15923    | 5.58    | cps   |
| Rhodium    | 103-1 | 12060654 | 12150785 | 12210232 | 12140557 | 0.62    | cps   |
| Rhodium    | 103-2 | 5391373  | 5445015  | 5455626  | 5430671  | 0.63    | cps   |
| Scandium   | 45-1  | 6474527  | 6501980  | 6464384  | 6480297  | 0.30    | cps   |
| Scandium   | 45-2  | 258219   | 256934   | 256578   | 257244   | 0.34    | cps   |
| Selenium   | 77-2  | 17       | 3        | 3        | 8        | 99.04   | cps   |
| Selenium   | 78-2  | 44       | 57       | 44       | 49       | 15.36   | cps   |
| Selenium   | 82-1  | 25       | -76      | -11      | -21      | -249.57 | cps   |
| Silicon    | 28-1  | 3046116  | 3024569  | 3027163  | 3032616  | 0.39    | cps   |
| Silver     | 109-1 | 4518     | 4167     | 3859     | 4181     | 7.88    | cps   |
| Silver     | 107-1 | 4351     | 4426     | 4151     | 4309     | 3.30    | cps   |
| Sodium     | 23-2  | 69386    | 69972    | 71135    | 70164    | 1.27    | cps   |
| Strontium  | 86-1  | 992      | 867      | 858      | 906      | 8.25    | cps   |
| Strontium  | 88-1  | 3334     | 3651     | 3559     | 3514     | 4.64    | cps   |
| Sulfur     | 34-1  | 158307   | 155150   | 154881   | 156113   | 1.22    | cps   |
| Terbium    | 159-1 | 18110854 | 18393396 | 18463520 | 18322590 | 1.02    | cps   |
| Terbium    | 159-2 | 8203440  | 8203530  | 8291631  | 8232867  | 0.62    | cps   |
| Thallium   | 203-1 | 283      | 358      | 383      | 342      | 15.23   | cps   |
| Thallium   | 205-1 | 700      | 842      | 742      | 761      | 9.57    | cps   |
| Tin        | 118-1 | 12398    | 13532    | 13082    | 13004    | 4.39    | cps   |
| Titanium   | 47-1  | 283      | 233      | 300      | 272      | 12.74   | cps   |
| Uranium    | 238-1 | 483      | 358      | 317      | 386      | 22.47   | cps   |
| Vanadium   | 51-2  | 283      | 227      | 230      | 247      | 12.89   | cps   |
| Yttrium    | 89-1  | 13172367 | 13297321 | 13346747 | 13272145 | 0.68    | cps   |
| Yttrium    | 89-2  | 1583457  | 1578095  | 1600375  | 1587309  | 0.73    | cps   |
| Zinc       | 66-2  | 4998     | 4844     | 5251     | 5031     | 4.08    | cps   |
| Zirconium  | 90-1  | 1275     | 1258     | 1292     | 1275     | 1.31    | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-06            | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-EB-2017-3       | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 16:15:22 | DataFile Name :   | 069SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 233  | 275  | 308  | 272     | 13.80  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-07            | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0436            | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 16:18:53 | DataFile Name :   | 070SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1133     | 1117     | 1117     | 1122     | 0.86   | cps   |
| Antimony   | 121-1 | 10012    | 9187     | 9379     | 9526     | 4.54   | cps   |
| Arsenic    | 75-2  | 46089    | 46283    | 46702    | 46358    | 0.68   | cps   |
| Barium     | 135-1 | 1283704  | 1284751  | 1290925  | 1286460  | 0.30   | cps   |
| Barium     | 137-1 | 2251854  | 2254234  | 2274432  | 2260173  | 0.55   | cps   |
| Beryllium  | 9-1   | 161      | 100      | 133      | 131      | 23.27  | cps   |
| Bismuth    | 209-1 | 11197488 | 11250085 | 11253789 | 11233788 | 0.28   | cps   |
| Bismuth    | 209-2 | 5671520  | 5727631  | 5795063  | 5731405  | 1.08   | cps   |
| Boron      | 10-1  | 3376     | 3434     | 3009     | 3273     | 7.04   | cps   |
| Boron      | 11-1  | 16443    | 15742    | 15400    | 15862    | 3.35   | cps   |
| Cadmium    | 111-1 | 2070     | 2232     | 2089     | 2131     | 4.16   | cps   |
| Cadmium    | 106-1 | 2767     | 3025     | 2734     | 2842     | 5.62   | cps   |
| Cadmium    | 108-1 | 42       | 21       | 17       | 26       | 50.76  | cps   |
| Calcium    | 43-1  | 2249920  | 2258560  | 2265263  | 2257914  | 0.34   | cps   |
| Calcium    | 44-1  | 36870798 | 37202964 | 37446358 | 37173373 | 0.78   | cps   |
| Chromium   | 52-2  | 4704     | 4691     | 4661     | 4685     | 0.47   | cps   |
| Cobalt     | 59-2  | 60635    | 61830    | 62231    | 61565    | 1.35   | cps   |
| Copper     | 63-2  | 15465    | 14931    | 16006    | 15467    | 3.47   | cps   |
| Dysprosium | 156-1 | 108      | 200      | 192      | 167      | 30.41  | cps   |
| Dysprosium | 156-2 | 63       | 97       | 73       | 78       | 22.00  | cps   |
| Erbium     | 164-1 | 233      | 183      | 142      | 186      | 24.66  | cps   |
| Erbium     | 164-2 | 87       | 100      | 93       | 93       | 7.14   | cps   |
| Gadolinium | 160-1 | 175      | 158      | 142      | 158      | 10.53  | cps   |
| Gadolinium | 160-2 | 143      | 120      | 173      | 146      | 18.37  | cps   |
| Holmium    | 165-1 | 17320245 | 17471600 | 17468463 | 17420103 | 0.50   | cps   |
| Holmium    | 165-2 | 8188507  | 8215170  | 8251556  | 8218411  | 0.39   | cps   |
| Indium     | 115-1 | 12973270 | 13096885 | 13119544 | 13063233 | 0.60   | cps   |
| Indium     | 115-2 | 2157041  | 2179943  | 2182229  | 2173071  | 0.64   | cps   |
| Iron       | 56-2  | 95091155 | 94767566 | 95469160 | 95109294 | 0.37   | cps   |
| Iron       | 57-2  | 2275939  | 2298118  | 2316560  | 2296873  | 0.89   | cps   |
| Lead       | 206-1 | 3251     | 3695     | 3406     | 3451     | 6.54   | cps   |
| Lead       | 207-1 | 3301     | 3178     | 3078     | 3186     | 3.49   | cps   |
| Lead       | 208-1 | 14115    | 14515    | 14203    | 14278    | 1.47   | cps   |
| Lithium    | 6-1   | 1786528  | 1804761  | 1805797  | 1799028  | 0.60   | cps   |
| Magnesium  | 24-2  | 2688082  | 2709786  | 2731367  | 2709745  | 0.80   | cps   |
| Manganese  | 55-2  | 16911879 | 16909780 | 16990978 | 16937546 | 0.27   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-07            | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0436            | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 16:18:53 | DataFile Name :   | 070SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD  | Units |
|------------|-------|-----------|-----------|-----------|-----------|---------|-------|
| Molybdenum | 94-1  | 8186      | 8228      | 8144      | 8186      | 0.51    | cps   |
| Molybdenum | 95-1  | 12564     | 12973     | 13132     | 12890     | 2.27    | cps   |
| Molybdenum | 96-1  | 14516     | 14441     | 14216     | 14391     | 1.09    | cps   |
| Molybdenum | 97-1  | 7986      | 7894      | 7827      | 7903      | 1.01    | cps   |
| Molybdenum | 98-1  | 19589     | 19931     | 19915     | 19812     | 0.97    | cps   |
| Neodymium  | 150-1 | 240       | 267       | 287       | 264       | 8.85    | cps   |
| Neodymium  | 150-2 | 57        | 83        | 40        | 60        | 36.43   | cps   |
| Nickel     | 60-2  | 5604      | 5494      | 5631      | 5577      | 1.30    | cps   |
| Phosphorus | 31-2  | 267       | 175       | 225       | 222       | 20.65   | cps   |
| Potassium  | 39-2  | 872251    | 867753    | 876606    | 872203    | 0.51    | cps   |
| Rhodium    | 103-1 | 11165464  | 11265089  | 11290070  | 11240208  | 0.59    | cps   |
| Rhodium    | 103-2 | 5073113   | 5103721   | 5128150   | 5101661   | 0.54    | cps   |
| Scandium   | 45-1  | 6517255   | 6598197   | 6623380   | 6579611   | 0.84    | cps   |
| Scandium   | 45-2  | 260147    | 262478    | 263265    | 261963    | 0.62    | cps   |
| Selenium   | 77-2  | 10        | 3         | 23        | 12        | 83.33   | cps   |
| Selenium   | 78-2  | 44        | 46        | 35        | 42        | 14.18   | cps   |
| Selenium   | 82-1  | -39       | 4         | -34       | -23       | -101.25 | cps   |
| Silicon    | 28-1  | 29600151  | 29903743  | 29977642  | 29827179  | 0.67    | cps   |
| Silver     | 109-1 | 3367      | 2892      | 2850      | 3037      | 9.45    | cps   |
| Silver     | 107-1 | 3551      | 3517      | 3092      | 3387      | 7.55    | cps   |
| Sodium     | 23-2  | 179963287 | 179349354 | 181337800 | 180216814 | 0.56    | cps   |
| Strontium  | 86-1  | 2011159   | 2002052   | 2009096   | 2007436   | 0.24    | cps   |
| Strontium  | 88-1  | 17860843  | 17944129  | 18000816  | 17935262  | 0.39    | cps   |
| Sulfur     | 34-1  | 180014    | 181702    | 180212    | 180643    | 0.51    | cps   |
| Terbium    | 159-1 | 17845637  | 18126701  | 18086551  | 18019630  | 0.84    | cps   |
| Terbium    | 159-2 | 8141018   | 8150294   | 8229170   | 8173494   | 0.59    | cps   |
| Thallium   | 203-1 | 225       | 200       | 383       | 269       | 36.90   | cps   |
| Thallium   | 205-1 | 600       | 592       | 475       | 556       | 12.58   | cps   |
| Tin        | 118-1 | 10913     | 11372     | 11288     | 11191     | 2.18    | cps   |
| Titanium   | 47-1  | 1508      | 1425      | 1375      | 1436      | 4.69    | cps   |
| Uranium    | 238-1 | 11631     | 11572     | 11214     | 11472     | 1.97    | cps   |
| Vanadium   | 51-2  | 937       | 903       | 983       | 941       | 4.27    | cps   |
| Yttrium    | 89-1  | 13045391  | 13139898  | 13150498  | 13111929  | 0.44    | cps   |
| Yttrium    | 89-2  | 1601001   | 1609647   | 1623171   | 1611273   | 0.69    | cps   |
| Zinc       | 66-2  | 8082      | 8016      | 8179      | 8092      | 1.02    | cps   |
| Zirconium  | 90-1  | 3042      | 2825      | 3526      | 3131      | 11.45   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-07            | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0436            | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 16:18:53 | DataFile Name :   | 070SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 850  | 675  | 875  | 800     | 13.62  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-08            | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0437            | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 16:22:27 | DataFile Name :   | 071SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1000     | 1125     | 1083     | 1070     | 5.95   | cps   |
| Antimony   | 121-1 | 8636     | 9329     | 8995     | 8987     | 3.85   | cps   |
| Arsenic    | 75-2  | 47104    | 47232    | 48049    | 47462    | 1.08   | cps   |
| Barium     | 135-1 | 1319384  | 1325125  | 1335381  | 1326630  | 0.61   | cps   |
| Barium     | 137-1 | 2318524  | 2327554  | 2334409  | 2326829  | 0.34   | cps   |
| Beryllium  | 9-1   | 156      | 144      | 144      | 148      | 4.33   | cps   |
| Bismuth    | 209-1 | 11178563 | 11196749 | 11159763 | 11178358 | 0.17   | cps   |
| Bismuth    | 209-2 | 5676419  | 5727768  | 5733141  | 5712442  | 0.55   | cps   |
| Boron      | 10-1  | 3200     | 3034     | 3300     | 3178     | 4.24   | cps   |
| Boron      | 11-1  | 14950    | 15433    | 15192    | 15192    | 1.59   | cps   |
| Cadmium    | 111-1 | 2104     | 2061     | 2140     | 2102     | 1.88   | cps   |
| Cadmium    | 106-1 | 2834     | 2750     | 2917     | 2834     | 2.94   | cps   |
| Cadmium    | 108-1 | 25       | 8        | 21       | 18       | 48.05  | cps   |
| Calcium    | 43-1  | 2314199  | 2325983  | 2320233  | 2320138  | 0.25   | cps   |
| Calcium    | 44-1  | 37992982 | 38108119 | 38381477 | 38160859 | 0.52   | cps   |
| Chromium   | 52-2  | 3157     | 3394     | 3044     | 3198     | 5.59   | cps   |
| Cobalt     | 59-2  | 63440    | 63895    | 62908    | 63414    | 0.78   | cps   |
| Copper     | 63-2  | 14364    | 14871    | 14911    | 14715    | 2.07   | cps   |
| Dysprosium | 156-1 | 125      | 250      | 142      | 172      | 39.41  | cps   |
| Dysprosium | 156-2 | 57       | 90       | 87       | 78       | 23.60  | cps   |
| Erbium     | 164-1 | 192      | 217      | 217      | 208      | 6.93   | cps   |
| Erbium     | 164-2 | 90       | 53       | 103      | 82       | 31.49  | cps   |
| Gadolinium | 160-1 | 183      | 217      | 142      | 181      | 20.81  | cps   |
| Gadolinium | 160-2 | 133      | 180      | 137      | 150      | 17.36  | cps   |
| Holmium    | 165-1 | 17326994 | 17285708 | 17364971 | 17325891 | 0.23   | cps   |
| Holmium    | 165-2 | 8219612  | 8215728  | 8232779  | 8222706  | 0.11   | cps   |
| Indium     | 115-1 | 13013144 | 13079699 | 13141942 | 13078262 | 0.49   | cps   |
| Indium     | 115-2 | 2166600  | 2172179  | 2172424  | 2170401  | 0.15   | cps   |
| Iron       | 56-2  | 95930285 | 96713472 | 96847069 | 96496942 | 0.51   | cps   |
| Iron       | 57-2  | 2313841  | 2335286  | 2331093  | 2326740  | 0.49   | cps   |
| Lead       | 206-1 | 3217     | 3384     | 3562     | 3388     | 5.09   | cps   |
| Lead       | 207-1 | 2884     | 2945     | 3045     | 2958     | 2.75   | cps   |
| Lead       | 208-1 | 13297    | 13586    | 13959    | 13614    | 2.44   | cps   |
| Lithium    | 6-1   | 1786929  | 1792860  | 1795270  | 1791687  | 0.24   | cps   |
| Magnesium  | 24-2  | 2759422  | 2771188  | 2774238  | 2768283  | 0.28   | cps   |
| Manganese  | 55-2  | 17027792 | 17117511 | 17137380 | 17094227 | 0.34   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-08            | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0437            | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 16:22:27 | DataFile Name :   | 071SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Molybdenum | 94-1  | 8136      | 7753      | 7819      | 7903      | 2.59   | cps   |
| Molybdenum | 95-1  | 13223     | 12322     | 12998     | 12848     | 3.65   | cps   |
| Molybdenum | 96-1  | 13766     | 14667     | 13657     | 14030     | 3.95   | cps   |
| Molybdenum | 97-1  | 7361      | 7469      | 7536      | 7455      | 1.19   | cps   |
| Molybdenum | 98-1  | 19581     | 18972     | 19097     | 19217     | 1.67   | cps   |
| Neodymium  | 150-1 | 313       | 253       | 287       | 284       | 10.57  | cps   |
| Neodymium  | 150-2 | 47        | 67        | 63        | 59        | 18.19  | cps   |
| Nickel     | 60-2  | 5031      | 5298      | 5281      | 5203      | 2.87   | cps   |
| Phosphorus | 31-2  | 92        | 125       | 175       | 131       | 32.13  | cps   |
| Potassium  | 39-2  | 885912    | 888042    | 886996    | 886984    | 0.12   | cps   |
| Rhodium    | 103-1 | 11215664  | 11215223  | 11340237  | 11257042  | 0.64   | cps   |
| Rhodium    | 103-2 | 5087317   | 5090959   | 5111020   | 5096432   | 0.25   | cps   |
| Scandium   | 45-1  | 6594201   | 6614486   | 6585313   | 6598000   | 0.23   | cps   |
| Scandium   | 45-2  | 263970    | 264475    | 262783    | 263743    | 0.33   | cps   |
| Selenium   | 77-2  | 13        | 20        | 10        | 14        | 35.26  | cps   |
| Selenium   | 78-2  | 44        | 50        | 56        | 50        | 11.11  | cps   |
| Selenium   | 82-1  | -41       | -15       | -57       | -38       | -55.49 | cps   |
| Silicon    | 28-1  | 30479839  | 30557779  | 30739506  | 30592375  | 0.44   | cps   |
| Silver     | 109-1 | 2909      | 2742      | 2717      | 2789      | 3.74   | cps   |
| Silver     | 107-1 | 3167      | 3059      | 2892      | 3039      | 4.56   | cps   |
| Sodium     | 23-2  | 183714512 | 183935642 | 184934092 | 184194749 | 0.35   | cps   |
| Strontium  | 86-1  | 2041367   | 2043527   | 2053485   | 2046126   | 0.32   | cps   |
| Strontium  | 88-1  | 18361103  | 18395395  | 18418133  | 18391544  | 0.16   | cps   |
| Sulfur     | 34-1  | 181645    | 180170    | 181333    | 181049    | 0.43   | cps   |
| Terbium    | 159-1 | 17919065  | 17942814  | 18062011  | 17974630  | 0.43   | cps   |
| Terbium    | 159-2 | 8228011   | 8142647   | 8142614   | 8171091   | 0.60   | cps   |
| Thallium   | 203-1 | 192       | 183       | 225       | 200       | 11.03  | cps   |
| Thallium   | 205-1 | 492       | 442       | 425       | 453       | 7.66   | cps   |
| Tin        | 118-1 | 9845      | 10538     | 10288     | 10224     | 3.43   | cps   |
| Titanium   | 47-1  | 1133      | 1125      | 1333      | 1197      | 9.85   | cps   |
| Uranium    | 238-1 | 11255     | 10997     | 10338     | 10863     | 4.35   | cps   |
| Vanadium   | 51-2  | 873       | 840       | 860       | 858       | 1.96   | cps   |
| Yttrium    | 89-1  | 13109426  | 13173628  | 13157442  | 13146832  | 0.25   | cps   |
| Yttrium    | 89-2  | 1606183   | 1612042   | 1618705   | 1612310   | 0.39   | cps   |
| Zinc       | 66-2  | 8282      | 8349      | 8353      | 8328      | 0.47   | cps   |
| Zirconium  | 90-1  | 2867      | 2817      | 2900      | 2862      | 1.47   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-08            | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0437            | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 16:22:27 | DataFile Name :   | 071SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 833  | 867  | 775  | 825     | 5.62   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-01DLX20       | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0443DL          | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-11-10 16:26:02 | DataFile Name :   | 072SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2117     | 2059     | 1834     | 2003     | 7.47   | cps   |
| Antimony   | 121-1 | 2175     | 1917     | 1850     | 1981     | 8.67   | cps   |
| Arsenic    | 75-2  | 761      | 689      | 800      | 750      | 7.52   | cps   |
| Barium     | 135-1 | 17437    | 16711    | 17236    | 17128    | 2.19   | cps   |
| Barium     | 137-1 | 30159    | 29349    | 29073    | 29527    | 1.91   | cps   |
| Beryllium  | 9-1   | 106      | 144      | 72       | 107      | 33.66  | cps   |
| Bismuth    | 209-1 | 12476176 | 12452269 | 12367259 | 12431901 | 0.46   | cps   |
| Bismuth    | 209-2 | 6401368  | 6427139  | 6471605  | 6433371  | 0.55   | cps   |
| Boron      | 10-1  | 833      | 867      | 808      | 836      | 3.50   | cps   |
| Boron      | 11-1  | 4726     | 4651     | 3942     | 4440     | 9.74   | cps   |
| Cadmium    | 111-1 | 2107     | 2130     | 2203     | 2147     | 2.34   | cps   |
| Cadmium    | 106-1 | 2875     | 2950     | 3017     | 2948     | 2.41   | cps   |
| Cadmium    | 108-1 | 8        | 21       | 13       | 14       | 45.83  | cps   |
| Calcium    | 43-1  | 251604   | 247572   | 249875   | 249684   | 0.81   | cps   |
| Calcium    | 44-1  | 4118926  | 4091224  | 4085284  | 4098478  | 0.44   | cps   |
| Chromium   | 52-2  | 1600     | 1617     | 1643     | 1620     | 1.35   | cps   |
| Cobalt     | 59-2  | 220      | 193      | 150      | 188      | 18.82  | cps   |
| Copper     | 63-2  | 4954     | 4944     | 4918     | 4939     | 0.38   | cps   |
| Dysprosium | 156-1 | 83       | 108      | 150      | 114      | 29.57  | cps   |
| Dysprosium | 156-2 | 30       | 33       | 73       | 46       | 52.93  | cps   |
| Erbium     | 164-1 | 117      | 125      | 183      | 142      | 25.64  | cps   |
| Erbium     | 164-2 | 53       | 47       | 50       | 50       | 6.66   | cps   |
| Gadolinium | 160-1 | 200      | 133      | 192      | 175      | 20.76  | cps   |
| Gadolinium | 160-2 | 107      | 93       | 97       | 99       | 7.02   | cps   |
| Holmium    | 165-1 | 18511152 | 18337044 | 18301604 | 18383266 | 0.61   | cps   |
| Holmium    | 165-2 | 8700600  | 8682733  | 8727483  | 8703605  | 0.26   | cps   |
| Indium     | 115-1 | 14308215 | 14263971 | 14216078 | 14262755 | 0.32   | cps   |
| Indium     | 115-2 | 2398985  | 2399944  | 2423456  | 2407462  | 0.58   | cps   |
| Iron       | 56-2  | 755941   | 751028   | 758691   | 755220   | 0.51   | cps   |
| Iron       | 57-2  | 18985    | 18751    | 19102    | 18946    | 0.94   | cps   |
| Lead       | 206-1 | 2017     | 2300     | 2150     | 2156     | 6.58   | cps   |
| Lead       | 207-1 | 2028     | 1806     | 1656     | 1830     | 10.24  | cps   |
| Lead       | 208-1 | 8696     | 8540     | 8224     | 8487     | 2.84   | cps   |
| Lithium    | 6-1   | 1843436  | 1840647  | 1839156  | 1841080  | 0.12   | cps   |
| Magnesium  | 24-2  | 473754   | 471043   | 473667   | 472821   | 0.33   | cps   |
| Manganese  | 55-2  | 144369   | 145413   | 143522   | 144435   | 0.66   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-01DLX20       | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0443DL          | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-11-10 16:26:02 | DataFile Name :   | 072SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Molybdenum | 94-1  | 800      | 867      | 717      | 795      | 9.46    | cps   |
| Molybdenum | 95-1  | 600      | 608      | 433      | 547      | 18.04   | cps   |
| Molybdenum | 96-1  | 783      | 642      | 767      | 731      | 10.60   | cps   |
| Molybdenum | 97-1  | 442      | 408      | 333      | 394      | 14.07   | cps   |
| Molybdenum | 98-1  | 1050     | 825      | 1050     | 975      | 13.32   | cps   |
| Neodymium  | 150-1 | 140      | 160      | 267      | 189      | 36.05   | cps   |
| Neodymium  | 150-2 | 43       | 50       | 53       | 49       | 10.42   | cps   |
| Nickel     | 60-2  | 420      | 363      | 400      | 394      | 7.29    | cps   |
| Phosphorus | 31-2  | 58       | 100      | 50       | 69       | 38.57   | cps   |
| Potassium  | 39-2  | 78299    | 79806    | 78902    | 79003    | 0.96    | cps   |
| Rhodium    | 103-1 | 12684339 | 12738274 | 12683716 | 12702110 | 0.25    | cps   |
| Rhodium    | 103-2 | 5716893  | 5697011  | 5769339  | 5727748  | 0.65    | cps   |
| Scandium   | 45-1  | 7139745  | 7209778  | 7157929  | 7169151  | 0.51    | cps   |
| Scandium   | 45-2  | 284358   | 282977   | 287381   | 284905   | 0.79    | cps   |
| Selenium   | 77-2  | 0        | 0        | 3        | 1        | 173.21  | cps   |
| Selenium   | 78-2  | 54       | 63       | 50       | 56       | 12.02   | cps   |
| Selenium   | 82-1  | 35       | -64      | 12       | -6       | -930.26 | cps   |
| Silicon    | 28-1  | 1905776  | 1900897  | 1885074  | 1897249  | 0.57    | cps   |
| Silver     | 109-1 | 1408     | 1542     | 1392     | 1447     | 5.68    | cps   |
| Silver     | 107-1 | 1442     | 1550     | 1500     | 1497     | 3.62    | cps   |
| Sodium     | 23-2  | 7366223  | 7332538  | 7366432  | 7355064  | 0.27    | cps   |
| Strontium  | 86-1  | 224410   | 223960   | 223461   | 223944   | 0.21    | cps   |
| Strontium  | 88-1  | 1966260  | 1953981  | 1968710  | 1962983  | 0.40    | cps   |
| Sulfur     | 34-1  | 189575   | 185694   | 189623   | 188297   | 1.20    | cps   |
| Terbium    | 159-1 | 19016966 | 19074721 | 18990325 | 19027337 | 0.23    | cps   |
| Terbium    | 159-2 | 8702737  | 8658175  | 8687072  | 8682661  | 0.26    | cps   |
| Thallium   | 203-1 | 158      | 283      | 258      | 233      | 28.35   | cps   |
| Thallium   | 205-1 | 558      | 467      | 450      | 492      | 11.86   | cps   |
| Tin        | 118-1 | 1467     | 1575     | 1759     | 1600     | 9.22    | cps   |
| Titanium   | 47-1  | 1875     | 1792     | 2000     | 1889     | 5.55    | cps   |
| Uranium    | 238-1 | 10647    | 9629     | 10013    | 10096    | 5.09    | cps   |
| Vanadium   | 51-2  | 203      | 200      | 210      | 204      | 2.49    | cps   |
| Yttrium    | 89-1  | 14059795 | 14134447 | 14092109 | 14095450 | 0.27    | cps   |
| Yttrium    | 89-2  | 1743047  | 1730024  | 1754781  | 1742617  | 0.71    | cps   |
| Zinc       | 66-2  | 4074     | 3974     | 4091     | 4046     | 1.56    | cps   |
| Zirconium  | 90-1  | 1208     | 958      | 1000     | 1056     | 12.69   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-01DLX20       | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0443DL          | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-11-10 16:26:02 | DataFile Name :   | 072SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 292  | 192  | 158  | 214     | 32.44  | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-01DUPDLX20    | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0443DUPDL       | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-11-10 16:29:35 | DataFile Name :   | 073SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1917     | 1675     | 1725     | 1772     | 7.20   | cps   |
| Antimony   | 121-1 | 1859     | 1867     | 1517     | 1747     | 11.43  | cps   |
| Arsenic    | 75-2  | 754      | 787      | 756      | 765      | 2.45   | cps   |
| Barium     | 135-1 | 17270    | 16385    | 16485    | 16713    | 2.90   | cps   |
| Barium     | 137-1 | 28547    | 28831    | 29583    | 28987    | 1.85   | cps   |
| Beryllium  | 9-1   | 139      | 72       | 106      | 106      | 31.58  | cps   |
| Bismuth    | 209-1 | 12015708 | 12087085 | 12074641 | 12059145 | 0.32   | cps   |
| Bismuth    | 209-2 | 6279938  | 6334906  | 6353036  | 6322627  | 0.60   | cps   |
| Boron      | 10-1  | 875      | 867      | 725      | 822      | 10.25  | cps   |
| Boron      | 11-1  | 3851     | 4026     | 4459     | 4112     | 7.62   | cps   |
| Cadmium    | 111-1 | 2113     | 2147     | 2256     | 2172     | 3.44   | cps   |
| Cadmium    | 106-1 | 2892     | 2950     | 3100     | 2981     | 3.61   | cps   |
| Cadmium    | 108-1 | 4        | 8        | 8        | 7        | 34.59  | cps   |
| Calcium    | 43-1  | 253368   | 252571   | 255518   | 253819   | 0.60   | cps   |
| Calcium    | 44-1  | 4139181  | 4144800  | 4127404  | 4137128  | 0.21   | cps   |
| Chromium   | 52-2  | 1657     | 1590     | 1750     | 1666     | 4.83   | cps   |
| Cobalt     | 59-2  | 223      | 180      | 223      | 209      | 11.98  | cps   |
| Copper     | 63-2  | 4107     | 4037     | 4064     | 4070     | 0.87   | cps   |
| Dysprosium | 156-1 | 125      | 92       | 133      | 117      | 18.90  | cps   |
| Dysprosium | 156-2 | 53       | 73       | 33       | 53       | 37.50  | cps   |
| Erbium     | 164-1 | 108      | 100      | 117      | 108      | 7.69   | cps   |
| Erbium     | 164-2 | 73       | 117      | 67       | 86       | 31.73  | cps   |
| Gadolinium | 160-1 | 167      | 125      | 192      | 161      | 20.90  | cps   |
| Gadolinium | 160-2 | 163      | 83       | 110      | 119      | 34.26  | cps   |
| Holmium    | 165-1 | 17709251 | 17700314 | 17701615 | 17703727 | 0.03   | cps   |
| Holmium    | 165-2 | 8572432  | 8610998  | 8569739  | 8584390  | 0.27   | cps   |
| Indium     | 115-1 | 13866652 | 13807016 | 13810502 | 13828056 | 0.24   | cps   |
| Indium     | 115-2 | 2370740  | 2375950  | 2388215  | 2378302  | 0.38   | cps   |
| Iron       | 56-2  | 757695   | 761075   | 757169   | 758646   | 0.28   | cps   |
| Iron       | 57-2  | 18918    | 19358    | 19536    | 19270    | 1.65   | cps   |
| Lead       | 206-1 | 1800     | 2011     | 1861     | 1891     | 5.75   | cps   |
| Lead       | 207-1 | 1706     | 1656     | 1683     | 1682     | 1.49   | cps   |
| Lead       | 208-1 | 7973     | 7551     | 7562     | 7696     | 3.13   | cps   |
| Lithium    | 6-1   | 1825497  | 1829935  | 1815662  | 1823698  | 0.40   | cps   |
| Magnesium  | 24-2  | 482844   | 482639   | 483763   | 483082   | 0.12   | cps   |
| Manganese  | 55-2  | 146594   | 146863   | 147278   | 146912   | 0.23   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-01DUPDLX20    | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0443DUPDL       | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-11-10 16:29:35 | DataFile Name :   | 073SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Molybdenum | 94-1  | 725      | 775      | 808      | 770      | 5.45    | cps   |
| Molybdenum | 95-1  | 583      | 708      | 433      | 575      | 23.95   | cps   |
| Molybdenum | 96-1  | 642      | 725      | 550      | 639      | 13.70   | cps   |
| Molybdenum | 97-1  | 383      | 392      | 342      | 372      | 7.20    | cps   |
| Molybdenum | 98-1  | 1017     | 750      | 825      | 864      | 15.92   | cps   |
| Neodymium  | 150-1 | 147      | 147      | 120      | 138      | 11.18   | cps   |
| Neodymium  | 150-2 | 33       | 43       | 60       | 46       | 29.58   | cps   |
| Nickel     | 60-2  | 303      | 293      | 327      | 308      | 5.56    | cps   |
| Phosphorus | 31-2  | 75       | 108      | 33       | 72       | 52.04   | cps   |
| Potassium  | 39-2  | 82069    | 81415    | 79940    | 81141    | 1.34    | cps   |
| Rhodium    | 103-1 | 12416705 | 12392388 | 12368983 | 12392692 | 0.19    | cps   |
| Rhodium    | 103-2 | 5605490  | 5619160  | 5635528  | 5620059  | 0.27    | cps   |
| Scandium   | 45-1  | 7028871  | 7046644  | 7046667  | 7040727  | 0.15    | cps   |
| Scandium   | 45-2  | 282596   | 282516   | 282280   | 282464   | 0.06    | cps   |
| Selenium   | 77-2  | 0        | 0        | 3        | 1        | 173.21  | cps   |
| Selenium   | 78-2  | 48       | 41       | 56       | 48       | 15.39   | cps   |
| Selenium   | 82-1  | -42      | -25      | 39       | -10      | -442.42 | cps   |
| Silicon    | 28-1  | 1935803  | 1919307  | 1916715  | 1923942  | 0.54    | cps   |
| Silver     | 109-1 | 1267     | 1550     | 1267     | 1361     | 12.02   | cps   |
| Silver     | 107-1 | 1600     | 1525     | 1625     | 1584     | 3.29    | cps   |
| Sodium     | 23-2  | 7439162  | 7519054  | 7511207  | 7489808  | 0.59    | cps   |
| Strontium  | 86-1  | 226422   | 226957   | 228650   | 227343   | 0.51    | cps   |
| Strontium  | 88-1  | 1976924  | 1976055  | 1958810  | 1970596  | 0.52    | cps   |
| Sulfur     | 34-1  | 190815   | 192308   | 191229   | 191451   | 0.40    | cps   |
| Terbium    | 159-1 | 18393935 | 18479819 | 18465793 | 18446516 | 0.25    | cps   |
| Terbium    | 159-2 | 8530473  | 8576006  | 8535342  | 8547274  | 0.29    | cps   |
| Thallium   | 203-1 | 233      | 100      | 167      | 167      | 40.00   | cps   |
| Thallium   | 205-1 | 467      | 442      | 392      | 433      | 8.81    | cps   |
| Tin        | 118-1 | 1417     | 1425     | 1526     | 1456     | 4.16    | cps   |
| Titanium   | 47-1  | 2042     | 2025     | 1967     | 2011     | 1.96    | cps   |
| Uranium    | 238-1 | 10188    | 10004    | 10605    | 10266    | 3.00    | cps   |
| Vanadium   | 51-2  | 193      | 213      | 200      | 202      | 5.04    | cps   |
| Yttrium    | 89-1  | 13756166 | 13751612 | 13741949 | 13749909 | 0.05    | cps   |
| Yttrium    | 89-2  | 1720550  | 1725662  | 1724029  | 1723414  | 0.15    | cps   |
| Zinc       | 66-2  | 3717     | 3847     | 3901     | 3822     | 2.47    | cps   |
| Zirconium  | 90-1  | 983      | 808      | 1275     | 1022     | 23.06   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-01DUPDLX20    | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0443DUPDL       | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-11-10 16:29:35 | DataFile Name :   | 073SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 233  | 300  | 233  | 256     | 15.06  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-01LDLX100     | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0443LDL         | Dilution Factor : | 100       |
| Date & Time Acquired :: | 2017-11-10 16:33:08 | DataFile Name :   | 074SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 500      | 492      | 417      | 469      | 9.78   | cps   |
| Antimony   | 121-1 | 650      | 483      | 542      | 558      | 15.15  | cps   |
| Arsenic    | 75-2  | 146      | 137      | 157      | 147      | 6.94   | cps   |
| Barium     | 135-1 | 3084     | 3159     | 3267     | 3170     | 2.91   | cps   |
| Barium     | 137-1 | 5501     | 5835     | 5610     | 5649     | 3.01   | cps   |
| Beryllium  | 9-1   | 117      | 106      | 67       | 96       | 27.26  | cps   |
| Bismuth    | 209-1 | 11914484 | 11935199 | 11868889 | 11906191 | 0.28   | cps   |
| Bismuth    | 209-2 | 6367642  | 6362608  | 6372297  | 6367516  | 0.08   | cps   |
| Boron      | 10-1  | 550      | 400      | 450      | 467      | 16.37  | cps   |
| Boron      | 11-1  | 2259     | 2192     | 2309     | 2253     | 2.60   | cps   |
| Cadmium    | 111-1 | 1944     | 2039     | 2024     | 2003     | 2.55   | cps   |
| Cadmium    | 106-1 | 2742     | 2892     | 2859     | 2831     | 2.78   | cps   |
| Cadmium    | 108-1 | 13       | 21       | 8        | 14       | 45.83  | cps   |
| Calcium    | 43-1  | 47937    | 46625    | 46950    | 47171    | 1.45   | cps   |
| Calcium    | 44-1  | 776634   | 774027   | 775502   | 775388   | 0.17   | cps   |
| Chromium   | 52-2  | 1207     | 1213     | 1223     | 1215     | 0.69   | cps   |
| Cobalt     | 59-2  | 140      | 107      | 117      | 121      | 14.12  | cps   |
| Copper     | 63-2  | 2920     | 2734     | 2640     | 2765     | 5.16   | cps   |
| Dysprosium | 156-1 | 42       | 8        | 42       | 31       | 62.99  | cps   |
| Dysprosium | 156-2 | 10       | 10       | 7        | 9        | 21.63  | cps   |
| Erbium     | 164-1 | 67       | 92       | 92       | 83       | 17.32  | cps   |
| Erbium     | 164-2 | 17       | 20       | 37       | 24       | 43.83  | cps   |
| Gadolinium | 160-1 | 100      | 33       | 117      | 83       | 52.92  | cps   |
| Gadolinium | 160-2 | 87       | 93       | 77       | 86       | 9.81   | cps   |
| Holmium    | 165-1 | 17448461 | 17529851 | 17413772 | 17464028 | 0.34   | cps   |
| Holmium    | 165-2 | 8527605  | 8525817  | 8507669  | 8520364  | 0.13   | cps   |
| Indium     | 115-1 | 13687115 | 13688970 | 13681289 | 13685791 | 0.03   | cps   |
| Indium     | 115-2 | 2370850  | 2398174  | 2386870  | 2385298  | 0.58   | cps   |
| Iron       | 56-2  | 147992   | 148532   | 148970   | 148498   | 0.33   | cps   |
| Iron       | 57-2  | 3751     | 3895     | 3856     | 3834     | 1.95   | cps   |
| Lead       | 206-1 | 1522     | 1661     | 1750     | 1645     | 6.98   | cps   |
| Lead       | 207-1 | 1483     | 1345     | 1378     | 1402     | 5.17   | cps   |
| Lead       | 208-1 | 6195     | 6573     | 6662     | 6477     | 3.83   | cps   |
| Lithium    | 6-1   | 1816364  | 1824603  | 1817777  | 1819581  | 0.24   | cps   |
| Magnesium  | 24-2  | 91034    | 91236    | 92308    | 91526    | 0.75   | cps   |
| Manganese  | 55-2  | 28200    | 28304    | 28391    | 28299    | 0.34   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-01LDLX100     | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0443LDL         | Dilution Factor : | 100       |
| Date & Time Acquired :: | 2017-11-10 16:33:08 | DataFile Name :   | 074SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 492      | 450      | 458      | 467      | 4.73   | cps   |
| Molybdenum | 95-1  | 233      | 325      | 333      | 297      | 18.67  | cps   |
| Molybdenum | 96-1  | 483      | 500      | 283      | 422      | 28.56  | cps   |
| Molybdenum | 97-1  | 167      | 225      | 225      | 206      | 16.39  | cps   |
| Molybdenum | 98-1  | 467      | 625      | 550      | 547      | 14.47  | cps   |
| Neodymium  | 150-1 | 33       | 53       | 60       | 49       | 28.39  | cps   |
| Neodymium  | 150-2 | 20       | 10       | 7        | 12       | 56.76  | cps   |
| Nickel     | 60-2  | 303      | 350      | 283      | 312      | 10.96  | cps   |
| Phosphorus | 31-2  | 42       | 67       | 58       | 56       | 22.91  | cps   |
| Potassium  | 39-2  | 25030    | 26157    | 26182    | 25790    | 2.55   | cps   |
| Rhodium    | 103-1 | 12261869 | 12333182 | 12281354 | 12292135 | 0.30   | cps   |
| Rhodium    | 103-2 | 5629436  | 5663470  | 5668404  | 5653770  | 0.38   | cps   |
| Scandium   | 45-1  | 6983466  | 6981870  | 7003298  | 6989545  | 0.17   | cps   |
| Scandium   | 45-2  | 280391   | 282444   | 283074   | 281969   | 0.50   | cps   |
| Selenium   | 77-2  | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 54       | 39       | 44       | 46       | 16.38  | cps   |
| Selenium   | 82-1  | 66       | 41       | 49       | 52       | 24.21  | cps   |
| Silicon    | 28-1  | 462214   | 456200   | 460351   | 459588   | 0.67   | cps   |
| Silver     | 109-1 | 1058     | 992      | 1017     | 1022     | 3.29   | cps   |
| Silver     | 107-1 | 1133     | 1125     | 1167     | 1142     | 1.93   | cps   |
| Sodium     | 23-2  | 1406157  | 1394820  | 1399471  | 1400149  | 0.41   | cps   |
| Strontium  | 86-1  | 43191    | 42941    | 42932    | 43021    | 0.34   | cps   |
| Strontium  | 88-1  | 364931   | 359019   | 358572   | 360841   | 0.98   | cps   |
| Sulfur     | 34-1  | 176257   | 178542   | 178244   | 177681   | 0.70   | cps   |
| Terbium    | 159-1 | 18249193 | 18218411 | 18259455 | 18242353 | 0.12   | cps   |
| Terbium    | 159-2 | 8544573  | 8507605  | 8482098  | 8511425  | 0.37   | cps   |
| Thallium   | 203-1 | 217      | 275      | 150      | 214      | 29.24  | cps   |
| Thallium   | 205-1 | 367      | 392      | 442      | 400      | 9.55   | cps   |
| Tin        | 118-1 | 1092     | 992      | 975      | 1020     | 6.19   | cps   |
| Titanium   | 47-1  | 442      | 617      | 475      | 511      | 18.18  | cps   |
| Uranium    | 238-1 | 2334     | 1967     | 2050     | 2117     | 9.08   | cps   |
| Vanadium   | 51-2  | 63       | 73       | 60       | 66       | 10.58  | cps   |
| Yttrium    | 89-1  | 13557660 | 13552704 | 13551945 | 13554103 | 0.02   | cps   |
| Yttrium    | 89-2  | 1724550  | 1728629  | 1719270  | 1724150  | 0.27   | cps   |
| Zinc       | 66-2  | 3190     | 3327     | 3067     | 3195     | 4.07   | cps   |
| Zirconium  | 90-1  | 792      | 867      | 933      | 864      | 8.21   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-01LDLX100     | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0443LDL         | Dilution Factor : | 100       |
| Date & Time Acquired :: | 2017-11-10 16:33:08 | DataFile Name :   | 074SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 242  | 217  | 183  | 214     | 13.69  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-02DLX20       | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0443MSDL        | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-11-10 16:36:40 | DataFile Name :   | 075SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 33964    | 33555    | 32979    | 33500    | 1.48   | cps   |
| Antimony   | 121-1 | 260619   | 257614   | 253117   | 257116   | 1.47   | cps   |
| Arsenic    | 75-2  | 8089     | 8008     | 8321     | 8139     | 2.00   | cps   |
| Barium     | 135-1 | 307492   | 306284   | 304699   | 306158   | 0.46   | cps   |
| Barium     | 137-1 | 533200   | 533256   | 530281   | 532246   | 0.32   | cps   |
| Beryllium  | 9-1   | 27659    | 27887    | 27442    | 27663    | 0.81   | cps   |
| Bismuth    | 209-1 | 11754553 | 11730824 | 11734218 | 11739865 | 0.11   | cps   |
| Bismuth    | 209-2 | 6226637  | 6216341  | 6271038  | 6238005  | 0.47   | cps   |
| Boron      | 10-1  | 3634     | 3826     | 3742     | 3734     | 2.57   | cps   |
| Boron      | 11-1  | 18979    | 18529    | 19630    | 19046    | 2.91   | cps   |
| Cadmium    | 111-1 | 60434    | 60957    | 62009    | 61133    | 1.31   | cps   |
| Cadmium    | 106-1 | 9028     | 8803     | 9195     | 9009     | 2.18   | cps   |
| Cadmium    | 108-1 | 4430     | 4205     | 4284     | 4306     | 2.65   | cps   |
| Calcium    | 43-1  | 324182   | 321286   | 321626   | 322365   | 0.49   | cps   |
| Calcium    | 44-1  | 5361251  | 5326114  | 5359872  | 5349079  | 0.37   | cps   |
| Chromium   | 52-2  | 64537    | 64711    | 64979    | 64742    | 0.34   | cps   |
| Cobalt     | 59-2  | 107577   | 107872   | 107084   | 107511   | 0.37   | cps   |
| Copper     | 63-2  | 158332   | 157477   | 157765   | 157858   | 0.28   | cps   |
| Dysprosium | 156-1 | 50       | 83       | 125      | 86       | 43.64  | cps   |
| Dysprosium | 156-2 | 43       | 63       | 43       | 50       | 23.10  | cps   |
| Erbium     | 164-1 | 292      | 333      | 408      | 344      | 17.17  | cps   |
| Erbium     | 164-2 | 200      | 160      | 167      | 176      | 12.21  | cps   |
| Gadolinium | 160-1 | 175      | 133      | 125      | 144      | 18.54  | cps   |
| Gadolinium | 160-2 | 137      | 103      | 113      | 118      | 14.52  | cps   |
| Holmium    | 165-1 | 17413668 | 17482239 | 17404109 | 17433338 | 0.24   | cps   |
| Holmium    | 165-2 | 8511546  | 8475634  | 8457464  | 8481548  | 0.32   | cps   |
| Indium     | 115-1 | 13623603 | 13561467 | 13578411 | 13587827 | 0.24   | cps   |
| Indium     | 115-2 | 2360315  | 2364884  | 2373325  | 2366175  | 0.28   | cps   |
| Iron       | 56-2  | 3211378  | 3213646  | 3215495  | 3213506  | 0.06   | cps   |
| Iron       | 57-2  | 80587    | 80330    | 80247    | 80388    | 0.22   | cps   |
| Lead       | 206-1 | 207127   | 205028   | 204018   | 205391   | 0.77   | cps   |
| Lead       | 207-1 | 191722   | 189295   | 188680   | 189899   | 0.85   | cps   |
| Lead       | 208-1 | 850157   | 842118   | 841087   | 844454   | 0.59   | cps   |
| Lithium    | 6-1   | 1820685  | 1815018  | 1806422  | 1814041  | 0.40   | cps   |
| Magnesium  | 24-2  | 910453   | 909292   | 909288   | 909678   | 0.07   | cps   |
| Manganese  | 55-2  | 216387   | 216488   | 214884   | 215919   | 0.42   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-02DLX20       | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0443MSDL        | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-11-10 16:36:40 | DataFile Name :   | 075SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 461377   | 459753   | 459976   | 460369   | 0.19   | cps   |
| Molybdenum | 95-1  | 555213   | 557829   | 555843   | 556295   | 0.25   | cps   |
| Molybdenum | 96-1  | 620651   | 615942   | 612894   | 616496   | 0.63   | cps   |
| Molybdenum | 97-1  | 345202   | 345007   | 345027   | 345079   | 0.03   | cps   |
| Molybdenum | 98-1  | 903002   | 894522   | 900942   | 899489   | 0.49   | cps   |
| Neodymium  | 150-1 | 73       | 153      | 133      | 120      | 34.69  | cps   |
| Neodymium  | 150-2 | 30       | 37       | 53       | 40       | 30.04  | cps   |
| Nickel     | 60-2  | 28915    | 29947    | 29313    | 29392    | 1.77   | cps   |
| Phosphorus | 31-2  | 83       | 83       | 92       | 86       | 5.58   | cps   |
| Potassium  | 39-2  | 264164   | 260934   | 267539   | 264212   | 1.25   | cps   |
| Rhodium    | 103-1 | 12256647 | 12107525 | 12094711 | 12152961 | 0.74   | cps   |
| Rhodium    | 103-2 | 5561813  | 5569749  | 5616373  | 5582645  | 0.53   | cps   |
| Scandium   | 45-1  | 6981571  | 6942091  | 6996277  | 6973313  | 0.40   | cps   |
| Scandium   | 45-2  | 281407   | 280599   | 279419   | 280475   | 0.36   | cps   |
| Selenium   | 77-2  | 120      | 117      | 143      | 127      | 11.47  | cps   |
| Selenium   | 78-2  | 489      | 535      | 487      | 504      | 5.42   | cps   |
| Selenium   | 82-1  | 3519     | 3445     | 3537     | 3500     | 1.40   | cps   |
| Silicon    | 28-1  | 2142279  | 2124369  | 2132651  | 2133099  | 0.42   | cps   |
| Silver     | 109-1 | 302513   | 299065   | 301808   | 301129   | 0.61   | cps   |
| Silver     | 107-1 | 312829   | 309049   | 308285   | 310055   | 0.78   | cps   |
| Sodium     | 23-2  | 8591348  | 8482464  | 8514159  | 8529323  | 0.66   | cps   |
| Strontium  | 86-1  | 304445   | 305434   | 301928   | 303936   | 0.59   | cps   |
| Strontium  | 88-1  | 2661673  | 2663515  | 2651502  | 2658897  | 0.24   | cps   |
| Sulfur     | 34-1  | 188754   | 185279   | 187448   | 187161   | 0.94   | cps   |
| Terbium    | 159-1 | 18163745 | 18141843 | 18081260 | 18128949 | 0.24   | cps   |
| Terbium    | 159-2 | 8508711  | 8432370  | 8484125  | 8475069  | 0.46   | cps   |
| Thallium   | 203-1 | 256163   | 254148   | 253191   | 254501   | 0.60   | cps   |
| Thallium   | 205-1 | 607028   | 613465   | 602709   | 607734   | 0.89   | cps   |
| Tin        | 118-1 | 196596   | 191909   | 192247   | 193584   | 1.35   | cps   |
| Titanium   | 47-1  | 135585   | 136242   | 137173   | 136333   | 0.59   | cps   |
| Uranium    | 238-1 | 849790   | 839875   | 834572   | 841412   | 0.92   | cps   |
| Vanadium   | 51-2  | 51062    | 50393    | 50172    | 50542    | 0.92   | cps   |
| Yttrium    | 89-1  | 13630330 | 13495677 | 13508767 | 13544925 | 0.55   | cps   |
| Yttrium    | 89-2  | 1725702  | 1720869  | 1726538  | 1724370  | 0.18   | cps   |
| Zinc       | 66-2  | 23489    | 23840    | 24023    | 23784    | 1.14   | cps   |
| Zirconium  | 90-1  | 388290   | 383540   | 385097   | 385642   | 0.63   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-02DLX20       | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0443MSDL        | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-11-10 16:36:40 | DataFile Name :   | 075SMPL.d |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zirconium | 91-1 | 85807 | 85027 | 86452 | 85762   | 0.83   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB91543             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV30               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV30               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-11-10 16:40:11 | DataFile Name :   | 076CCV.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 3317158   | 3347523   | 3384006   | 3349562   | 1.00   | cps   |
| Antimony   | 121-1 | 4854042   | 4888535   | 4864580   | 4869052   | 0.36   | cps   |
| Arsenic    | 75-2  | 138864    | 141734    | 143131    | 141243    | 1.54   | cps   |
| Barium     | 135-1 | 5666633   | 5696291   | 5701804   | 5688242   | 0.33   | cps   |
| Barium     | 137-1 | 10113141  | 10124020  | 10167717  | 10134959  | 0.29   | cps   |
| Beryllium  | 9-1   | 541912    | 544826    | 552627    | 546455    | 1.01   | cps   |
| Bismuth    | 209-1 | 10583240  | 10629498  | 10629380  | 10614040  | 0.25   | cps   |
| Bismuth    | 209-2 | 5875061   | 5959428   | 5991273   | 5941921   | 1.01   | cps   |
| Boron      | 10-1  | 63500     | 66530     | 66036     | 65355     | 2.49   | cps   |
| Boron      | 11-1  | 311959    | 322342    | 330019    | 321440    | 2.82   | cps   |
| Cadmium    | 111-1 | 1071628   | 1076478   | 1076998   | 1075035   | 0.28   | cps   |
| Cadmium    | 106-1 | 114039    | 111209    | 114056    | 113101    | 1.45   | cps   |
| Cadmium    | 108-1 | 79237     | 79086     | 79404     | 79242     | 0.20   | cps   |
| Calcium    | 43-1  | 5885331   | 5926079   | 5948759   | 5920056   | 0.54   | cps   |
| Calcium    | 44-1  | 94762613  | 95616725  | 96103456  | 95494265  | 0.71   | cps   |
| Chromium   | 52-2  | 1205844   | 1226609   | 1235541   | 1222665   | 1.25   | cps   |
| Cobalt     | 59-2  | 1994543   | 2034667   | 2048846   | 2026019   | 1.39   | cps   |
| Copper     | 63-2  | 2877369   | 2917731   | 2942040   | 2912380   | 1.12   | cps   |
| Dysprosium | 156-1 | 200       | 133       | 100       | 144       | 35.25  | cps   |
| Dysprosium | 156-2 | 50        | 67        | 60        | 59        | 14.25  | cps   |
| Erbium     | 164-1 | 92        | 42        | 50        | 61        | 43.83  | cps   |
| Erbium     | 164-2 | 47        | 40        | 33        | 40        | 16.68  | cps   |
| Gadolinium | 160-1 | 108       | 83        | 108       | 100       | 14.43  | cps   |
| Gadolinium | 160-2 | 103       | 113       | 120       | 112       | 7.47   | cps   |
| Holmium    | 165-1 | 16947792  | 16948046  | 16957500  | 16951113  | 0.03   | cps   |
| Holmium    | 165-2 | 8571143   | 8642266   | 8647738   | 8620382   | 0.50   | cps   |
| Indium     | 115-1 | 12875228  | 12860204  | 12923326  | 12886253  | 0.26   | cps   |
| Indium     | 115-2 | 2363107   | 2404420   | 2423014   | 2396847   | 1.28   | cps   |
| Iron       | 56-2  | 245302789 | 247638317 | 251324511 | 248088539 | 1.22   | cps   |
| Iron       | 57-2  | 6008296   | 6122454   | 6158948   | 6096566   | 1.29   | cps   |
| Lead       | 206-1 | 3590183   | 3593903   | 3581917   | 3588668   | 0.17   | cps   |
| Lead       | 207-1 | 3295237   | 3317799   | 3291216   | 3301417   | 0.43   | cps   |
| Lead       | 208-1 | 15016681  | 15091815  | 15026081  | 15044859  | 0.27   | cps   |
| Lithium    | 6-1   | 1844247   | 1855589   | 1868619   | 1856152   | 0.66   | cps   |
| Magnesium  | 24-2  | 39123019  | 39789508  | 39832546  | 39581691  | 1.01   | cps   |
| Manganese  | 55-2  | 1331266   | 1349185   | 1355272   | 1345241   | 0.93   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB91543             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV30               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV30               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-11-10 16:40:11 | DataFile Name :   | 076CCV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 9315377  | 9331736  | 9378046  | 9341720  | 0.35   | cps   |
| Molybdenum | 95-1  | 11146091 | 11192515 | 11262149 | 11200252 | 0.52   | cps   |
| Molybdenum | 96-1  | 12335287 | 12375147 | 12462882 | 12391105 | 0.53   | cps   |
| Molybdenum | 97-1  | 6998293  | 6977160  | 7039994  | 7005149  | 0.46   | cps   |
| Molybdenum | 98-1  | 18120937 | 18167457 | 18253089 | 18180495 | 0.37   | cps   |
| Neodymium  | 150-1 | 327      | 327      | 280      | 311      | 8.66   | cps   |
| Neodymium  | 150-2 | 23       | 43       | 27       | 31       | 34.44  | cps   |
| Nickel     | 60-2  | 518902   | 530876   | 534239   | 528006   | 1.53   | cps   |
| Phosphorus | 31-2  | 32787    | 33831    | 35368    | 33995    | 3.82   | cps   |
| Potassium  | 39-2  | 19293772 | 19588145 | 19714625 | 19532181 | 1.11   | cps   |
| Rhodium    | 103-1 | 11266725 | 11271839 | 11329502 | 11289355 | 0.31   | cps   |
| Rhodium    | 103-2 | 5378336  | 5433634  | 5486813  | 5432927  | 1.00   | cps   |
| Scandium   | 45-1  | 7114841  | 7170785  | 7194881  | 7160169  | 0.57   | cps   |
| Scandium   | 45-2  | 299537   | 303512   | 307357   | 303469   | 1.29   | cps   |
| Selenium   | 77-2  | 2530     | 2594     | 2654     | 2593     | 2.38   | cps   |
| Selenium   | 78-2  | 8440     | 8571     | 8871     | 8627     | 2.56   | cps   |
| Selenium   | 82-1  | 61579    | 61112    | 61434    | 61375    | 0.39   | cps   |
| Silicon    | 28-1  | 2533119  | 2609653  | 2651150  | 2597974  | 2.30   | cps   |
| Silver     | 109-1 | 5199866  | 5201642  | 5242049  | 5214519  | 0.46   | cps   |
| Silver     | 107-1 | 5392640  | 5420952  | 5432855  | 5415482  | 0.38   | cps   |
| Sodium     | 23-2  | 72465300 | 73721256 | 74092943 | 73426500 | 1.16   | cps   |
| Strontium  | 86-1  | 1435028  | 1443281  | 1443639  | 1440649  | 0.34   | cps   |
| Strontium  | 88-1  | 12810604 | 12887573 | 12958220 | 12885465 | 0.57   | cps   |
| Sulfur     | 34-1  | 481786   | 487624   | 491525   | 486978   | 1.01   | cps   |
| Terbium    | 159-1 | 17504538 | 17599936 | 17606094 | 17570189 | 0.32   | cps   |
| Terbium    | 159-2 | 8495108  | 8605144  | 8636519  | 8578924  | 0.87   | cps   |
| Thallium   | 203-1 | 4450763  | 4450250  | 4466806  | 4455940  | 0.21   | cps   |
| Thallium   | 205-1 | 10861625 | 10935644 | 10903198 | 10900156 | 0.34   | cps   |
| Tin        | 118-1 | 3682124  | 3685562  | 3684333  | 3684006  | 0.05   | cps   |
| Titanium   | 47-1  | 2723015  | 2747992  | 2752103  | 2741037  | 0.57   | cps   |
| Uranium    | 238-1 | 16066711 | 16149490 | 16123256 | 16113152 | 0.26   | cps   |
| Vanadium   | 51-2  | 1006441  | 1016385  | 1028526  | 1017117  | 1.09   | cps   |
| Yttrium    | 89-1  | 13331558 | 13431123 | 13473498 | 13412060 | 0.54   | cps   |
| Yttrium    | 89-2  | 1811187  | 1828560  | 1846948  | 1828898  | 0.98   | cps   |
| Zinc       | 66-2  | 383082   | 388970   | 392267   | 388107   | 1.20   | cps   |
| Zirconium  | 90-1  | 8002352  | 8061463  | 8062754  | 8042190  | 0.43   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB91543             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV30               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV30               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-11-10 16:40:11 | DataFile Name :   | 076CCV.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 1734696 | 1738523 | 1738463 | 1737227 | 0.13   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB30               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB30               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 16:43:45 | DataFile Name :   | 077CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 275      | 275      | 250      | 267      | 5.41   | cps   |
| Antimony   | 121-1 | 15042    | 13716    | 13015    | 13924    | 7.39   | cps   |
| Arsenic    | 75-2  | 37       | 43       | 33       | 38       | 12.38  | cps   |
| Barium     | 135-1 | 317      | 417      | 358      | 364      | 13.80  | cps   |
| Barium     | 137-1 | 567      | 633      | 658      | 619      | 7.65   | cps   |
| Beryllium  | 9-1   | 200      | 211      | 161      | 191      | 13.76  | cps   |
| Bismuth    | 209-1 | 11640764 | 11732276 | 11804611 | 11725883 | 0.70   | cps   |
| Bismuth    | 209-2 | 6435101  | 6458431  | 6452636  | 6448723  | 0.19   | cps   |
| Boron      | 10-1  | 2159     | 1675     | 1784     | 1872     | 13.55  | cps   |
| Boron      | 11-1  | 9570     | 9036     | 8027     | 8878     | 8.82   | cps   |
| Cadmium    | 111-1 | 2205     | 2319     | 2286     | 2270     | 2.58   | cps   |
| Cadmium    | 106-1 | 3050     | 3150     | 3167     | 3123     | 2.02   | cps   |
| Cadmium    | 108-1 | 25       | 4        | 8        | 13       | 88.19  | cps   |
| Calcium    | 43-1  | 592      | 583      | 483      | 553      | 10.91  | cps   |
| Calcium    | 44-1  | 16193    | 17111    | 18020    | 17108    | 5.34   | cps   |
| Chromium   | 52-2  | 1427     | 1230     | 1263     | 1307     | 8.06   | cps   |
| Cobalt     | 59-2  | 260      | 197      | 197      | 218      | 16.79  | cps   |
| Copper     | 63-2  | 2554     | 2657     | 2584     | 2598     | 2.05   | cps   |
| Dysprosium | 156-1 | 8        | 0        | 17       | 8        | 100.02 | cps   |
| Dysprosium | 156-2 | 13       | 0        | 3        | 6        | 124.93 | cps   |
| Erbium     | 164-1 | 42       | 58       | 25       | 42       | 40.00  | cps   |
| Erbium     | 164-2 | 33       | 17       | 23       | 24       | 34.31  | cps   |
| Gadolinium | 160-1 | 67       | 75       | 117      | 86       | 31.11  | cps   |
| Gadolinium | 160-2 | 70       | 77       | 67       | 71       | 7.16   | cps   |
| Holmium    | 165-1 | 17204089 | 17235107 | 17262436 | 17233877 | 0.17   | cps   |
| Holmium    | 165-2 | 8752507  | 8730907  | 8690240  | 8724551  | 0.36   | cps   |
| Indium     | 115-1 | 13956564 | 13951321 | 13967425 | 13958436 | 0.06   | cps   |
| Indium     | 115-2 | 2514082  | 2514476  | 2529003  | 2519187  | 0.34   | cps   |
| Iron       | 56-2  | 22957    | 20749    | 23171    | 22292    | 6.02   | cps   |
| Iron       | 57-2  | 600      | 617      | 483      | 567      | 12.82  | cps   |
| Lead       | 206-1 | 1834     | 1978     | 1967     | 1926     | 4.17   | cps   |
| Lead       | 207-1 | 1645     | 1561     | 1717     | 1641     | 4.74   | cps   |
| Lead       | 208-1 | 7707     | 7684     | 8168     | 7853     | 3.48   | cps   |
| Lithium    | 6-1   | 2004256  | 2005732  | 1997014  | 2002334  | 0.23   | cps   |
| Magnesium  | 24-2  | 2617     | 2259     | 2342     | 2406     | 7.80   | cps   |
| Manganese  | 55-2  | 273      | 270      | 280      | 274      | 1.86   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB30               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB30               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 16:43:45 | DataFile Name :   | 077CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 3576     | 3284     | 3292     | 3384     | 4.91   | cps   |
| Molybdenum | 95-1  | 4509     | 4151     | 4034     | 4231     | 5.85   | cps   |
| Molybdenum | 96-1  | 5293     | 4534     | 4184     | 4670     | 12.14  | cps   |
| Molybdenum | 97-1  | 2725     | 2517     | 2675     | 2639     | 4.12   | cps   |
| Molybdenum | 98-1  | 7185     | 6610     | 5926     | 6574     | 9.59   | cps   |
| Neodymium  | 150-1 | 0        | 0        | 7        | 2        | 173.21 | cps   |
| Neodymium  | 150-2 | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 157      | 167      | 170      | 164      | 4.22   | cps   |
| Phosphorus | 31-2  | 33       | 42       | 33       | 36       | 13.33  | cps   |
| Potassium  | 39-2  | 16635    | 15667    | 15784    | 16029    | 3.30   | cps   |
| Rhodium    | 103-1 | 12700377 | 12702652 | 12690845 | 12697958 | 0.05   | cps   |
| Rhodium    | 103-2 | 6072045  | 5899952  | 6021239  | 5997745  | 1.47   | cps   |
| Scandium   | 45-1  | 7521368  | 7467365  | 7484557  | 7491096  | 0.37   | cps   |
| Scandium   | 45-2  | 304825   | 302770   | 302499   | 303365   | 0.42   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 44       | 48       | 39       | 44       | 10.63  | cps   |
| Selenium   | 82-1  | 53       | 56       | 46       | 52       | 9.80   | cps   |
| Silicon    | 28-1  | 153210   | 151266   | 147141   | 150539   | 2.06   | cps   |
| Silver     | 109-1 | 1233     | 1342     | 1325     | 1300     | 4.49   | cps   |
| Silver     | 107-1 | 1425     | 1350     | 1308     | 1361     | 4.34   | cps   |
| Sodium     | 23-2  | 29497    | 28737    | 27943    | 28726    | 2.70   | cps   |
| Strontium  | 86-1  | 675      | 575      | 783      | 678      | 15.37  | cps   |
| Strontium  | 88-1  | 1075     | 1083     | 1317     | 1158     | 11.84  | cps   |
| Sulfur     | 34-1  | 184985   | 184545   | 186309   | 185280   | 0.50   | cps   |
| Terbium    | 159-1 | 18108958 | 18070449 | 18090184 | 18089863 | 0.11   | cps   |
| Terbium    | 159-2 | 8748195  | 8712288  | 8711260  | 8723914  | 0.24   | cps   |
| Thallium   | 203-1 | 1283     | 1317     | 1225     | 1275     | 3.64   | cps   |
| Thallium   | 205-1 | 3484     | 3242     | 2842     | 3189     | 10.16  | cps   |
| Tin        | 118-1 | 3851     | 3017     | 3192     | 3353     | 13.11  | cps   |
| Titanium   | 47-1  | 367      | 300      | 467      | 378      | 22.20  | cps   |
| Uranium    | 238-1 | 1083     | 1242     | 1183     | 1170     | 6.85   | cps   |
| Vanadium   | 51-2  | 90       | 87       | 70       | 82       | 13.03  | cps   |
| Yttrium    | 89-1  | 13946618 | 14030531 | 13989571 | 13988906 | 0.30   | cps   |
| Yttrium    | 89-2  | 1841928  | 1853523  | 1841268  | 1845573  | 0.37   | cps   |
| Zinc       | 66-2  | 2954     | 2974     | 3130     | 3019     | 3.21   | cps   |
| Zirconium  | 90-1  | 2834     | 2659     | 2692     | 2728     | 3.41   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB30               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB30               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 16:43:45 | DataFile Name :   | 077CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 675  | 442  | 625  | 581     | 21.16  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-03DLX20       | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0443MSDDL       | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-11-10 16:47:16 | DataFile Name :   | 078SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 36880    | 37038    | 37156    | 37025    | 0.37   | cps   |
| Antimony   | 121-1 | 268303   | 272116   | 267911   | 269444   | 0.86   | cps   |
| Arsenic    | 75-2  | 8692     | 8827     | 8936     | 8818     | 1.39   | cps   |
| Barium     | 135-1 | 313616   | 315818   | 312932   | 314122   | 0.48   | cps   |
| Barium     | 137-1 | 547647   | 553538   | 549628   | 550271   | 0.54   | cps   |
| Beryllium  | 9-1   | 31244    | 31778    | 30181    | 31067    | 2.62   | cps   |
| Bismuth    | 209-1 | 11632064 | 11686241 | 11670688 | 11662998 | 0.24   | cps   |
| Bismuth    | 209-2 | 6403919  | 6382881  | 6361100  | 6382634  | 0.34   | cps   |
| Boron      | 10-1  | 4459     | 4501     | 5034     | 4665     | 6.88   | cps   |
| Boron      | 11-1  | 23210    | 23552    | 23035    | 23266    | 1.13   | cps   |
| Cadmium    | 111-1 | 62935    | 63034    | 63933    | 63301    | 0.87   | cps   |
| Cadmium    | 106-1 | 9070     | 9479     | 9162     | 9237     | 2.32   | cps   |
| Cadmium    | 108-1 | 4455     | 4597     | 4334     | 4462     | 2.95   | cps   |
| Calcium    | 43-1  | 351792   | 351667   | 349288   | 350916   | 0.40   | cps   |
| Calcium    | 44-1  | 5785310  | 5798364  | 5714866  | 5766180  | 0.78   | cps   |
| Chromium   | 52-2  | 69047    | 69958    | 69365    | 69457    | 0.67   | cps   |
| Cobalt     | 59-2  | 115130   | 116343   | 115174   | 115549   | 0.60   | cps   |
| Copper     | 63-2  | 166852   | 166168   | 166410   | 166477   | 0.21   | cps   |
| Dysprosium | 156-1 | 75       | 92       | 117      | 94       | 22.21  | cps   |
| Dysprosium | 156-2 | 47       | 40       | 33       | 40       | 16.68  | cps   |
| Erbium     | 164-1 | 417      | 525      | 375      | 439      | 17.64  | cps   |
| Erbium     | 164-2 | 187      | 180      | 173      | 180      | 3.70   | cps   |
| Gadolinium | 160-1 | 175      | 142      | 100      | 139      | 27.06  | cps   |
| Gadolinium | 160-2 | 150      | 147      | 107      | 134      | 17.93  | cps   |
| Holmium    | 165-1 | 17438947 | 17530845 | 17423990 | 17464594 | 0.33   | cps   |
| Holmium    | 165-2 | 8767907  | 8726092  | 8718982  | 8737660  | 0.30   | cps   |
| Indium     | 115-1 | 13921502 | 13918324 | 13903291 | 13914372 | 0.07   | cps   |
| Indium     | 115-2 | 2486816  | 2489867  | 2481439  | 2486040  | 0.17   | cps   |
| Iron       | 56-2  | 3461951  | 3462612  | 3448707  | 3457756  | 0.23   | cps   |
| Iron       | 57-2  | 86721    | 86303    | 86677    | 86567    | 0.27   | cps   |
| Lead       | 206-1 | 203838   | 205929   | 205038   | 204935   | 0.51   | cps   |
| Lead       | 207-1 | 186191   | 191136   | 190212   | 189180   | 1.39   | cps   |
| Lead       | 208-1 | 842950   | 848044   | 849109   | 846701   | 0.39   | cps   |
| Lithium    | 6-1   | 1987883  | 1987778  | 1974809  | 1983490  | 0.38   | cps   |
| Magnesium  | 24-2  | 988289   | 993038   | 985894   | 989074   | 0.37   | cps   |
| Manganese  | 55-2  | 233600   | 232829   | 232801   | 233077   | 0.19   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-03DLX20       | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0443MSDDL       | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-11-10 16:47:16 | DataFile Name :   | 078SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 487248   | 481688   | 481196   | 483377   | 0.70   | cps   |
| Molybdenum | 95-1  | 587431   | 581511   | 573921   | 580954   | 1.17   | cps   |
| Molybdenum | 96-1  | 646377   | 641893   | 640402   | 642891   | 0.48   | cps   |
| Molybdenum | 97-1  | 358354   | 361515   | 360686   | 360185   | 0.46   | cps   |
| Molybdenum | 98-1  | 942389   | 946627   | 940357   | 943124   | 0.34   | cps   |
| Neodymium  | 150-1 | 173      | 153      | 127      | 151      | 15.49  | cps   |
| Neodymium  | 150-2 | 53       | 40       | 47       | 47       | 14.28  | cps   |
| Nickel     | 60-2  | 31397    | 31554    | 30953    | 31301    | 1.00   | cps   |
| Phosphorus | 31-2  | 75       | 50       | 42       | 56       | 31.22  | cps   |
| Potassium  | 39-2  | 292979   | 289442   | 291070   | 291164   | 0.61   | cps   |
| Rhodium    | 103-1 | 12435449 | 12493779 | 12450319 | 12459849 | 0.24   | cps   |
| Rhodium    | 103-2 | 5817668  | 5833651  | 5809051  | 5820123  | 0.21   | cps   |
| Scandium   | 45-1  | 7443755  | 7466736  | 7405017  | 7438503  | 0.42   | cps   |
| Scandium   | 45-2  | 303853   | 303031   | 299754   | 302213   | 0.72   | cps   |
| Selenium   | 77-2  | 150      | 107      | 183      | 147      | 26.21  | cps   |
| Selenium   | 78-2  | 567      | 493      | 563      | 541      | 7.72   | cps   |
| Selenium   | 82-1  | 3733     | 3730     | 3782     | 3748     | 0.78   | cps   |
| Silicon    | 28-1  | 2347650  | 2345476  | 2372978  | 2355368  | 0.65   | cps   |
| Silver     | 109-1 | 310047   | 312218   | 310872   | 311046   | 0.35   | cps   |
| Silver     | 107-1 | 324436   | 318736   | 324095   | 322423   | 0.99   | cps   |
| Sodium     | 23-2  | 9220337  | 9203802  | 9169532  | 9197890  | 0.28   | cps   |
| Strontium  | 86-1  | 319386   | 322408   | 319839   | 320544   | 0.51   | cps   |
| Strontium  | 88-1  | 2787187  | 2783819  | 2771356  | 2780787  | 0.30   | cps   |
| Sulfur     | 34-1  | 202878   | 200574   | 198612   | 200688   | 1.06   | cps   |
| Terbium    | 159-1 | 18169618 | 18170393 | 18241086 | 18193699 | 0.23   | cps   |
| Terbium    | 159-2 | 8766371  | 8750121  | 8673690  | 8730061  | 0.57   | cps   |
| Thallium   | 203-1 | 255868   | 259518   | 256647   | 257344   | 0.75   | cps   |
| Thallium   | 205-1 | 611197   | 613629   | 609976   | 611601   | 0.30   | cps   |
| Tin        | 118-1 | 203932   | 203892   | 200502   | 202775   | 0.97   | cps   |
| Titanium   | 47-1  | 145721   | 146234   | 147724   | 146560   | 0.71   | cps   |
| Uranium    | 238-1 | 842567   | 842589   | 850339   | 845165   | 0.53   | cps   |
| Vanadium   | 51-2  | 54895    | 54714    | 54591    | 54733    | 0.28   | cps   |
| Yttrium    | 89-1  | 13969956 | 14008527 | 14032114 | 14003532 | 0.22   | cps   |
| Yttrium    | 89-2  | 1833507  | 1831527  | 1832641  | 1832558  | 0.05   | cps   |
| Zinc       | 66-2  | 25128    | 25285    | 25783    | 25399    | 1.35   | cps   |
| Zirconium  | 90-1  | 409596   | 413913   | 413656   | 412388   | 0.59   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-03DLX20       | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0443MSDDL       | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-11-10 16:47:16 | DataFile Name :   | 078SMPL.d |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zirconium | 91-1 | 90913 | 92759 | 90385 | 91352   | 1.36   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-01ADLX20      | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0443ADL         | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-11-10 16:50:48 | DataFile Name :   | 079SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 35576    | 36721    | 36011    | 36103    | 1.60   | cps   |
| Antimony   | 121-1 | 268741   | 270344   | 269830   | 269639   | 0.30   | cps   |
| Arsenic    | 75-2  | 8436     | 8593     | 8984     | 8671     | 3.26   | cps   |
| Barium     | 135-1 | 312281   | 321668   | 311666   | 315205   | 1.78   | cps   |
| Barium     | 137-1 | 553070   | 562335   | 561475   | 558960   | 0.92   | cps   |
| Beryllium  | 9-1   | 30787    | 31372    | 30659    | 30939    | 1.23   | cps   |
| Bismuth    | 209-1 | 11603034 | 11775910 | 11720059 | 11699668 | 0.75   | cps   |
| Bismuth    | 209-2 | 6297577  | 6362299  | 6430719  | 6363532  | 1.05   | cps   |
| Boron      | 10-1  | 4576     | 4443     | 4342     | 4454     | 2.63   | cps   |
| Boron      | 11-1  | 21716    | 22542    | 21691    | 21983    | 2.20   | cps   |
| Cadmium    | 111-1 | 62751    | 63486    | 63996    | 63411    | 0.99   | cps   |
| Cadmium    | 106-1 | 9037     | 9337     | 9003     | 9126     | 2.01   | cps   |
| Cadmium    | 108-1 | 4738     | 4772     | 4301     | 4604     | 5.71   | cps   |
| Calcium    | 43-1  | 348404   | 344907   | 348145   | 347152   | 0.56   | cps   |
| Calcium    | 44-1  | 5728555  | 5739051  | 5758327  | 5741978  | 0.26   | cps   |
| Chromium   | 52-2  | 68867    | 69162    | 69737    | 69255    | 0.64   | cps   |
| Cobalt     | 59-2  | 114768   | 115067   | 114932   | 114922   | 0.13   | cps   |
| Copper     | 63-2  | 166261   | 165960   | 167071   | 166431   | 0.35   | cps   |
| Dysprosium | 156-1 | 167      | 167      | 75       | 136      | 38.88  | cps   |
| Dysprosium | 156-2 | 27       | 80       | 43       | 50       | 54.57  | cps   |
| Erbium     | 164-1 | 375      | 458      | 383      | 406      | 11.32  | cps   |
| Erbium     | 164-2 | 190      | 203      | 203      | 199      | 3.87   | cps   |
| Gadolinium | 160-1 | 125      | 225      | 192      | 181      | 28.20  | cps   |
| Gadolinium | 160-2 | 143      | 130      | 160      | 144      | 10.41  | cps   |
| Holmium    | 165-1 | 17375640 | 17503816 | 17583870 | 17487776 | 0.60   | cps   |
| Holmium    | 165-2 | 8719222  | 8725070  | 8725042  | 8723111  | 0.04   | cps   |
| Indium     | 115-1 | 13813364 | 13859665 | 13889852 | 13854294 | 0.28   | cps   |
| Indium     | 115-2 | 2455569  | 2472422  | 2468884  | 2465625  | 0.36   | cps   |
| Iron       | 56-2  | 3430214  | 3453283  | 3462524  | 3448674  | 0.48   | cps   |
| Iron       | 57-2  | 85207    | 86029    | 84928    | 85388    | 0.67   | cps   |
| Lead       | 206-1 | 207470   | 207956   | 209840   | 208422   | 0.60   | cps   |
| Lead       | 207-1 | 192261   | 194253   | 191510   | 192675   | 0.74   | cps   |
| Lead       | 208-1 | 854212   | 858234   | 854539   | 855662   | 0.26   | cps   |
| Lithium    | 6-1   | 1957087  | 1951646  | 1963455  | 1957396  | 0.30   | cps   |
| Magnesium  | 24-2  | 981568   | 983315   | 982203   | 982362   | 0.09   | cps   |
| Manganese  | 55-2  | 231624   | 234066   | 231717   | 232469   | 0.60   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-01ADLX20      | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0443ADL         | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-11-10 16:50:48 | DataFile Name :   | 079SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 482875   | 482957   | 483251   | 483028   | 0.04   | cps   |
| Molybdenum | 95-1  | 579375   | 579240   | 579286   | 579301   | 0.01   | cps   |
| Molybdenum | 96-1  | 646497   | 643163   | 644466   | 644709   | 0.26   | cps   |
| Molybdenum | 97-1  | 363003   | 358780   | 361038   | 360940   | 0.59   | cps   |
| Molybdenum | 98-1  | 945258   | 942666   | 950922   | 946282   | 0.45   | cps   |
| Neodymium  | 150-1 | 160      | 113      | 187      | 153      | 24.21  | cps   |
| Neodymium  | 150-2 | 53       | 33       | 53       | 47       | 24.75  | cps   |
| Nickel     | 60-2  | 30645    | 31093    | 31821    | 31187    | 1.90   | cps   |
| Phosphorus | 31-2  | 75       | 50       | 50       | 58       | 24.74  | cps   |
| Potassium  | 39-2  | 287551   | 287300   | 290372   | 288408   | 0.59   | cps   |
| Rhodium    | 103-1 | 12433309 | 12398571 | 12437944 | 12423275 | 0.17   | cps   |
| Rhodium    | 103-2 | 5746217  | 5759104  | 5810983  | 5772101  | 0.59   | cps   |
| Scandium   | 45-1  | 7329821  | 7335622  | 7328313  | 7331252  | 0.05   | cps   |
| Scandium   | 45-2  | 299534   | 296624   | 300379   | 298845   | 0.66   | cps   |
| Selenium   | 77-2  | 150      | 150      | 140      | 147      | 3.94   | cps   |
| Selenium   | 78-2  | 541      | 585      | 530      | 552      | 5.33   | cps   |
| Selenium   | 82-1  | 3618     | 3770     | 3787     | 3725     | 2.49   | cps   |
| Silicon    | 28-1  | 2333539  | 2365884  | 2310516  | 2336646  | 1.19   | cps   |
| Silver     | 109-1 | 313134   | 313090   | 314723   | 313649   | 0.30   | cps   |
| Silver     | 107-1 | 321140   | 326067   | 322760   | 323322   | 0.78   | cps   |
| Sodium     | 23-2  | 9101979  | 9183089  | 9160577  | 9148548  | 0.46   | cps   |
| Strontium  | 86-1  | 318393   | 319164   | 324507   | 320688   | 1.04   | cps   |
| Strontium  | 88-1  | 2785705  | 2790088  | 2798704  | 2791499  | 0.24   | cps   |
| Sulfur     | 34-1  | 199088   | 197923   | 198564   | 198525   | 0.29   | cps   |
| Terbium    | 159-1 | 18218918 | 18315703 | 18219841 | 18251487 | 0.30   | cps   |
| Terbium    | 159-2 | 8700795  | 8734970  | 8689326  | 8708364  | 0.27   | cps   |
| Thallium   | 203-1 | 258950   | 257541   | 263044   | 259845   | 1.10   | cps   |
| Thallium   | 205-1 | 620489   | 620042   | 618033   | 619521   | 0.21   | cps   |
| Tin        | 118-1 | 201337   | 198625   | 202570   | 200844   | 1.01   | cps   |
| Titanium   | 47-1  | 147076   | 146942   | 144669   | 146229   | 0.93   | cps   |
| Uranium    | 238-1 | 855934   | 861102   | 851608   | 856215   | 0.56   | cps   |
| Vanadium   | 51-2  | 54310    | 55213    | 55126    | 54883    | 0.91   | cps   |
| Yttrium    | 89-1  | 13919704 | 13873579 | 14000742 | 13931342 | 0.46   | cps   |
| Yttrium    | 89-2  | 1801850  | 1802033  | 1814954  | 1806279  | 0.42   | cps   |
| Zinc       | 66-2  | 25863    | 25456    | 25282    | 25534    | 1.17   | cps   |
| Zirconium  | 90-1  | 410860   | 411184   | 410263   | 410769   | 0.11   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-01ADLX20      | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0443ADL         | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-11-10 16:50:48 | DataFile Name :   | 079SMPL.d |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zirconium | 91-1 | 89881 | 92876 | 92859 | 91872   | 1.88   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-04DLX20       | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0438DL          | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-11-10 16:54:19 | DataFile Name :   | 080SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 5810     | 6285     | 5668     | 5921     | 5.46   | cps   |
| Antimony   | 121-1 | 2275     | 2500     | 2734     | 2503     | 9.16   | cps   |
| Arsenic    | 75-2  | 276      | 261      | 291      | 276      | 5.37   | cps   |
| Barium     | 135-1 | 16711    | 16678    | 17061    | 16816    | 1.26   | cps   |
| Barium     | 137-1 | 30301    | 30676    | 30994    | 30657    | 1.13   | cps   |
| Beryllium  | 9-1   | 150      | 106      | 89       | 115      | 27.51  | cps   |
| Bismuth    | 209-1 | 11737002 | 11832384 | 11884303 | 11817896 | 0.63   | cps   |
| Bismuth    | 209-2 | 6299649  | 6300927  | 6358220  | 6319599  | 0.53   | cps   |
| Boron      | 10-1  | 933      | 883      | 900      | 906      | 2.81   | cps   |
| Boron      | 11-1  | 4342     | 4793     | 4151     | 4429     | 7.44   | cps   |
| Cadmium    | 111-1 | 2688     | 2637     | 2401     | 2575     | 5.95   | cps   |
| Cadmium    | 106-1 | 3267     | 3125     | 2784     | 3059     | 8.12   | cps   |
| Cadmium    | 108-1 | 46       | 79       | 63       | 63       | 26.67  | cps   |
| Calcium    | 43-1  | 350414   | 352803   | 353529   | 352249   | 0.46   | cps   |
| Calcium    | 44-1  | 5822314  | 5814545  | 5849588  | 5828815  | 0.32   | cps   |
| Chromium   | 52-2  | 6875     | 6745     | 6762     | 6794     | 1.04   | cps   |
| Cobalt     | 59-2  | 1663     | 1670     | 1563     | 1632     | 3.66   | cps   |
| Copper     | 63-2  | 10711    | 10844    | 10381    | 10645    | 2.24   | cps   |
| Dysprosium | 156-1 | 133      | 183      | 150      | 156      | 16.37  | cps   |
| Dysprosium | 156-2 | 113      | 80       | 97       | 97       | 17.24  | cps   |
| Erbium     | 164-1 | 167      | 225      | 158      | 183      | 19.81  | cps   |
| Erbium     | 164-2 | 97       | 93       | 90       | 93       | 3.57   | cps   |
| Gadolinium | 160-1 | 233      | 192      | 242      | 222      | 12.05  | cps   |
| Gadolinium | 160-2 | 177      | 170      | 153      | 167      | 7.21   | cps   |
| Holmium    | 165-1 | 17258398 | 17458986 | 17520552 | 17412646 | 0.79   | cps   |
| Holmium    | 165-2 | 8652323  | 8611902  | 8603958  | 8622728  | 0.30   | cps   |
| Indium     | 115-1 | 13768429 | 13785811 | 13851821 | 13802020 | 0.32   | cps   |
| Indium     | 115-2 | 2442598  | 2444836  | 2448671  | 2445368  | 0.13   | cps   |
| Iron       | 56-2  | 7653460  | 7678902  | 7650255  | 7660872  | 0.20   | cps   |
| Iron       | 57-2  | 185854   | 184781   | 185551   | 185395   | 0.30   | cps   |
| Lead       | 206-1 | 4579     | 4173     | 4523     | 4425     | 4.97   | cps   |
| Lead       | 207-1 | 3856     | 3956     | 3912     | 3908     | 1.28   | cps   |
| Lead       | 208-1 | 17461    | 16999    | 17872    | 17444    | 2.50   | cps   |
| Lithium    | 6-1   | 1930161  | 1932636  | 1932325  | 1931707  | 0.07   | cps   |
| Magnesium  | 24-2  | 345509   | 348346   | 349558   | 347804   | 0.60   | cps   |
| Manganese  | 55-2  | 249098   | 250560   | 250133   | 249931   | 0.30   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-04DLX20       | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0438DL          | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-11-10 16:54:19 | DataFile Name :   | 080SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Molybdenum | 94-1  | 1750     | 1533     | 1592     | 1625     | 6.90    | cps   |
| Molybdenum | 95-1  | 1233     | 1342     | 1367     | 1314     | 5.39    | cps   |
| Molybdenum | 96-1  | 1617     | 1592     | 1592     | 1600     | 0.90    | cps   |
| Molybdenum | 97-1  | 958      | 700      | 875      | 845      | 15.61   | cps   |
| Molybdenum | 98-1  | 2017     | 2117     | 1825     | 1986     | 7.46    | cps   |
| Neodymium  | 150-1 | 247      | 293      | 280      | 273      | 8.79    | cps   |
| Neodymium  | 150-2 | 100      | 83       | 77       | 87       | 13.87   | cps   |
| Nickel     | 60-2  | 2580     | 2364     | 2394     | 2446     | 4.80    | cps   |
| Phosphorus | 31-2  | 175      | 117      | 167      | 153      | 20.65   | cps   |
| Potassium  | 39-2  | 100170   | 99902    | 99541    | 99871    | 0.32    | cps   |
| Rhodium    | 103-1 | 12428167 | 12396191 | 12402494 | 12408951 | 0.14    | cps   |
| Rhodium    | 103-2 | 5709926  | 5743914  | 5741490  | 5731776  | 0.33    | cps   |
| Scandium   | 45-1  | 7252917  | 7246747  | 7220976  | 7240213  | 0.23    | cps   |
| Scandium   | 45-2  | 291520   | 291835   | 294067   | 292474   | 0.47    | cps   |
| Selenium   | 77-2  | 0        | 3        | 0        | 1        | 173.21  | cps   |
| Selenium   | 78-2  | 44       | 43       | 48       | 45       | 6.28    | cps   |
| Selenium   | 82-1  | -31      | -44      | 10       | -22      | -128.23 | cps   |
| Silicon    | 28-1  | 4372879  | 4401069  | 4383212  | 4385720  | 0.33    | cps   |
| Silver     | 109-1 | 1583     | 1634     | 1500     | 1572     | 4.28    | cps   |
| Silver     | 107-1 | 1500     | 1717     | 1725     | 1647     | 7.75    | cps   |
| Sodium     | 23-2  | 5733950  | 5698451  | 5721480  | 5717960  | 0.31    | cps   |
| Strontium  | 86-1  | 204567   | 206472   | 205889   | 205643   | 0.47    | cps   |
| Strontium  | 88-1  | 1783036  | 1775554  | 1784273  | 1780954  | 0.26    | cps   |
| Sulfur     | 34-1  | 198556   | 197998   | 196992   | 197848   | 0.40    | cps   |
| Terbium    | 159-1 | 18082525 | 18192136 | 18198300 | 18157654 | 0.36    | cps   |
| Terbium    | 159-2 | 8633142  | 8612114  | 8682201  | 8642486  | 0.42    | cps   |
| Thallium   | 203-1 | 367      | 325      | 317      | 336      | 7.97    | cps   |
| Thallium   | 205-1 | 733      | 817      | 767      | 772      | 5.43    | cps   |
| Tin        | 118-1 | 1367     | 1517     | 1584     | 1489     | 7.45    | cps   |
| Titanium   | 47-1  | 3184     | 3417     | 3367     | 3323     | 3.70    | cps   |
| Uranium    | 238-1 | 7086     | 7419     | 7327     | 7277     | 2.37    | cps   |
| Vanadium   | 51-2  | 2090     | 2054     | 2017     | 2054     | 1.79    | cps   |
| Yttrium    | 89-1  | 13783277 | 13839977 | 13833774 | 13819009 | 0.23    | cps   |
| Yttrium    | 89-2  | 1787126  | 1790074  | 1784224  | 1787141  | 0.16    | cps   |
| Zinc       | 66-2  | 10097    | 10651    | 10594    | 10447    | 2.92    | cps   |
| Zirconium  | 90-1  | 2359     | 2484     | 2800     | 2548     | 8.94    | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-04DLX20       | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0438DL          | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-11-10 16:54:19 | DataFile Name :   | 080SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 600  | 600  | 458  | 553     | 14.80  | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-05DLX20       | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0435DL          | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-11-10 16:57:51 | DataFile Name :   | 081SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 300      | 300      | 292      | 297      | 1.62   | cps   |
| Antimony   | 121-1 | 1942     | 1784     | 1692     | 1806     | 7.00   | cps   |
| Arsenic    | 75-2  | 826      | 798      | 726      | 783      | 6.59   | cps   |
| Barium     | 135-1 | 7344     | 7177     | 7361     | 7294     | 1.39   | cps   |
| Barium     | 137-1 | 12740    | 12323    | 12548    | 12537    | 1.67   | cps   |
| Beryllium  | 9-1   | 94       | 67       | 111      | 91       | 24.74  | cps   |
| Bismuth    | 209-1 | 11732739 | 11712846 | 11786684 | 11744090 | 0.33   | cps   |
| Bismuth    | 209-2 | 6295579  | 6281153  | 6368763  | 6315165  | 0.74   | cps   |
| Boron      | 10-1  | 917      | 683      | 742      | 781      | 15.56  | cps   |
| Boron      | 11-1  | 3809     | 3509     | 3901     | 3739     | 5.48   | cps   |
| Cadmium    | 111-1 | 2100     | 1977     | 2068     | 2049     | 3.11   | cps   |
| Cadmium    | 106-1 | 2975     | 2775     | 2884     | 2878     | 3.48   | cps   |
| Cadmium    | 108-1 | 17       | 4        | 13       | 11       | 57.27  | cps   |
| Calcium    | 43-1  | 172123   | 170303   | 171836   | 171421   | 0.57   | cps   |
| Calcium    | 44-1  | 2782803  | 2756156  | 2767022  | 2768660  | 0.48   | cps   |
| Chromium   | 52-2  | 1407     | 1377     | 1300     | 1361     | 4.04   | cps   |
| Cobalt     | 59-2  | 363      | 327      | 370      | 353      | 6.60   | cps   |
| Copper     | 63-2  | 2650     | 2647     | 2777     | 2691     | 2.75   | cps   |
| Dysprosium | 156-1 | 0        | 33       | 17       | 17       | 99.99  | cps   |
| Dysprosium | 156-2 | 0        | 17       | 3        | 7        | 132.33 | cps   |
| Erbium     | 164-1 | 58       | 75       | 25       | 53       | 48.24  | cps   |
| Erbium     | 164-2 | 30       | 27       | 13       | 23       | 37.81  | cps   |
| Gadolinium | 160-1 | 75       | 33       | 67       | 58       | 37.80  | cps   |
| Gadolinium | 160-2 | 77       | 90       | 80       | 82       | 8.44   | cps   |
| Holmium    | 165-1 | 17309559 | 17375787 | 17490259 | 17391868 | 0.53   | cps   |
| Holmium    | 165-2 | 8562178  | 8518254  | 8615749  | 8565394  | 0.57   | cps   |
| Indium     | 115-1 | 13621732 | 13646095 | 13677695 | 13648507 | 0.21   | cps   |
| Indium     | 115-2 | 2409343  | 2414533  | 2430987  | 2418288  | 0.47   | cps   |
| Iron       | 56-2  | 278278   | 277407   | 279122   | 278269   | 0.31   | cps   |
| Iron       | 57-2  | 7074     | 7352     | 6841     | 7089     | 3.61   | cps   |
| Lead       | 206-1 | 1589     | 1628     | 1633     | 1617     | 1.50   | cps   |
| Lead       | 207-1 | 1433     | 1683     | 1339     | 1485     | 11.98  | cps   |
| Lead       | 208-1 | 6479     | 6940     | 6201     | 6540     | 5.71   | cps   |
| Lithium    | 6-1   | 1909174  | 1905767  | 1906719  | 1907220  | 0.09   | cps   |
| Magnesium  | 24-2  | 439061   | 438740   | 443573   | 440458   | 0.61   | cps   |
| Manganese  | 55-2  | 73760    | 73332    | 73938    | 73677    | 0.42   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-05DLX20       | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0435DL          | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-11-10 16:57:51 | DataFile Name :   | 081SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 908      | 758      | 958      | 875      | 11.89  | cps   |
| Molybdenum | 95-1  | 800      | 692      | 617      | 703      | 13.12  | cps   |
| Molybdenum | 96-1  | 883      | 817      | 725      | 808      | 9.83   | cps   |
| Molybdenum | 97-1  | 392      | 525      | 575      | 497      | 19.06  | cps   |
| Molybdenum | 98-1  | 1175     | 1342     | 1408     | 1308     | 9.19   | cps   |
| Neodymium  | 150-1 | 20       | 13       | 13       | 16       | 24.76  | cps   |
| Neodymium  | 150-2 | 7        | 10       | 0        | 6        | 91.64  | cps   |
| Nickel     | 60-2  | 260      | 217      | 247      | 241      | 9.21   | cps   |
| Phosphorus | 31-2  | 25       | 50       | 42       | 39       | 32.73  | cps   |
| Potassium  | 39-2  | 101186   | 101033   | 100632   | 100950   | 0.28   | cps   |
| Rhodium    | 103-1 | 12221751 | 12224869 | 12330458 | 12259026 | 0.50   | cps   |
| Rhodium    | 103-2 | 5666797  | 5679057  | 5678094  | 5674649  | 0.12   | cps   |
| Scandium   | 45-1  | 7163473  | 7117499  | 7152844  | 7144606  | 0.34   | cps   |
| Scandium   | 45-2  | 288635   | 287321   | 290863   | 288940   | 0.62   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 28       | 46       | 37       | 37       | 25.00  | cps   |
| Selenium   | 82-1  | 21       | 28       | 40       | 30       | 31.83  | cps   |
| Silicon    | 28-1  | 2250266  | 2243804  | 2244672  | 2246247  | 0.16   | cps   |
| Silver     | 109-1 | 1217     | 1292     | 1325     | 1278     | 4.34   | cps   |
| Silver     | 107-1 | 1308     | 1358     | 1117     | 1261     | 10.12  | cps   |
| Sodium     | 23-2  | 5582414  | 5602391  | 5611313  | 5598706  | 0.26   | cps   |
| Strontium  | 86-1  | 148619   | 147670   | 149318   | 148536   | 0.56   | cps   |
| Strontium  | 88-1  | 1298396  | 1292535  | 1288767  | 1293233  | 0.38   | cps   |
| Sulfur     | 34-1  | 187658   | 185886   | 189215   | 187586   | 0.89   | cps   |
| Terbium    | 159-1 | 18115523 | 18151367 | 18183821 | 18150237 | 0.19   | cps   |
| Terbium    | 159-2 | 8568698  | 8515817  | 8600235  | 8561583  | 0.50   | cps   |
| Thallium   | 203-1 | 225      | 192      | 225      | 214      | 9.00   | cps   |
| Thallium   | 205-1 | 425      | 442      | 492      | 453      | 7.66   | cps   |
| Tin        | 118-1 | 1092     | 933      | 1192     | 1072     | 12.15  | cps   |
| Titanium   | 47-1  | 200      | 133      | 383      | 239      | 54.19  | cps   |
| Uranium    | 238-1 | 1700     | 1900     | 1967     | 1856     | 7.48   | cps   |
| Vanadium   | 51-2  | 47       | 70       | 63       | 60       | 20.03  | cps   |
| Yttrium    | 89-1  | 13696739 | 13659596 | 13663266 | 13673201 | 0.15   | cps   |
| Yttrium    | 89-2  | 1755010  | 1759297  | 1777849  | 1764052  | 0.69   | cps   |
| Zinc       | 66-2  | 3194     | 3130     | 3077     | 3134     | 1.86   | cps   |
| Zirconium  | 90-1  | 1442     | 1250     | 1425     | 1372     | 7.74   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-05DLX20       | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0435DL          | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-11-10 16:57:51 | DataFile Name :   | 081SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 375  | 292  | 300  | 322     | 14.24  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-06DLX20       | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-EB-2017-3DL     | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-11-10 17:01:23 | DataFile Name :   | 082SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 108      | 58       | 83       | 83       | 30.00  | cps   |
| Antimony   | 121-1 | 1117     | 1292     | 1117     | 1175     | 8.60   | cps   |
| Arsenic    | 75-2  | 7        | 15       | 9        | 10       | 36.70  | cps   |
| Barium     | 135-1 | 142      | 167      | 92       | 133      | 28.64  | cps   |
| Barium     | 137-1 | 317      | 333      | 200      | 283      | 25.64  | cps   |
| Beryllium  | 9-1   | 106      | 83       | 56       | 81       | 30.74  | cps   |
| Bismuth    | 209-1 | 11572411 | 11640108 | 11551002 | 11587841 | 0.40   | cps   |
| Bismuth    | 209-2 | 6149240  | 6210363  | 6226227  | 6195277  | 0.66   | cps   |
| Boron      | 10-1  | 475      | 467      | 450      | 464      | 2.74   | cps   |
| Boron      | 11-1  | 2417     | 2700     | 2209     | 2442     | 10.11  | cps   |
| Cadmium    | 111-1 | 1899     | 2041     | 1989     | 1976     | 3.62   | cps   |
| Cadmium    | 106-1 | 2692     | 2892     | 2834     | 2806     | 3.67   | cps   |
| Cadmium    | 108-1 | 8        | 13       | 4        | 8        | 49.98  | cps   |
| Calcium    | 43-1  | 483      | 358      | 442      | 428      | 14.88  | cps   |
| Calcium    | 44-1  | 13448    | 13632    | 13290    | 13457    | 1.27   | cps   |
| Chromium   | 52-2  | 1100     | 1290     | 1317     | 1236     | 9.56   | cps   |
| Cobalt     | 59-2  | 97       | 80       | 83       | 87       | 10.18  | cps   |
| Copper     | 63-2  | 2780     | 2494     | 2787     | 2687     | 6.23   | cps   |
| Dysprosium | 156-1 | 8        | 17       | 17       | 14       | 34.67  | cps   |
| Dysprosium | 156-2 | 3        | 7        | 3        | 4        | 43.40  | cps   |
| Erbium     | 164-1 | 58       | 67       | 58       | 61       | 7.87   | cps   |
| Erbium     | 164-2 | 33       | 23       | 37       | 31       | 22.31  | cps   |
| Gadolinium | 160-1 | 83       | 75       | 50       | 69       | 24.98  | cps   |
| Gadolinium | 160-2 | 80       | 67       | 90       | 79       | 14.84  | cps   |
| Holmium    | 165-1 | 17232073 | 17350764 | 17190300 | 17257712 | 0.48   | cps   |
| Holmium    | 165-2 | 8476102  | 8528381  | 8490352  | 8498278  | 0.32   | cps   |
| Indium     | 115-1 | 13655894 | 13732138 | 13646085 | 13678039 | 0.34   | cps   |
| Indium     | 115-2 | 2387276  | 2400037  | 2395637  | 2394317  | 0.27   | cps   |
| Iron       | 56-2  | 5935     | 6663     | 5901     | 6166     | 6.98   | cps   |
| Iron       | 57-2  | 178      | 228      | 233      | 213      | 14.37  | cps   |
| Lead       | 206-1 | 1295     | 1261     | 1450     | 1335     | 7.55   | cps   |
| Lead       | 207-1 | 1217     | 1167     | 1067     | 1150     | 6.64   | cps   |
| Lead       | 208-1 | 5401     | 5395     | 5617     | 5471     | 2.32   | cps   |
| Lithium    | 6-1   | 1891216  | 1902825  | 1888501  | 1894181  | 0.40   | cps   |
| Magnesium  | 24-2  | 833      | 875      | 992      | 900      | 9.12   | cps   |
| Manganese  | 55-2  | 377      | 353      | 397      | 376      | 5.78   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-06DLX20       | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-EB-2017-3DL     | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-11-10 17:01:23 | DataFile Name :   | 082SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Molybdenum | 94-1  | 675      | 550      | 700      | 642      | 12.52   | cps   |
| Molybdenum | 95-1  | 433      | 358      | 300      | 364      | 18.37   | cps   |
| Molybdenum | 96-1  | 392      | 617      | 583      | 531      | 22.89   | cps   |
| Molybdenum | 97-1  | 325      | 308      | 308      | 314      | 3.07    | cps   |
| Molybdenum | 98-1  | 542      | 625      | 583      | 583      | 7.14    | cps   |
| Neodymium  | 150-1 | 13       | 20       | 20       | 18       | 21.66   | cps   |
| Neodymium  | 150-2 | 0        | 3        | 0        | 1        | 173.21  | cps   |
| Nickel     | 60-2  | 180      | 190      | 173      | 181      | 4.63    | cps   |
| Phosphorus | 31-2  | 75       | 42       | 75       | 64       | 30.12   | cps   |
| Potassium  | 39-2  | 14082    | 14383    | 13982    | 14149    | 1.47    | cps   |
| Rhodium    | 103-1 | 12246605 | 12339555 | 12307408 | 12297856 | 0.38    | cps   |
| Rhodium    | 103-2 | 5657155  | 5682836  | 5687643  | 5675878  | 0.29    | cps   |
| Scandium   | 45-1  | 7047960  | 7063072  | 7093591  | 7068208  | 0.33    | cps   |
| Scandium   | 45-2  | 283701   | 287946   | 284661   | 285436   | 0.78    | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00    | cps   |
| Selenium   | 78-2  | 52       | 33       | 30       | 38       | 31.11   | cps   |
| Selenium   | 82-1  | -10      | 0        | -85      | -31      | -149.18 | cps   |
| Silicon    | 28-1  | 280993   | 281314   | 280527   | 280945   | 0.14    | cps   |
| Silver     | 109-1 | 1300     | 1250     | 1067     | 1206     | 10.19   | cps   |
| Silver     | 107-1 | 1442     | 1367     | 1250     | 1353     | 7.14    | cps   |
| Sodium     | 23-2  | 24371    | 24454    | 24504    | 24443    | 0.28    | cps   |
| Strontium  | 86-1  | 700      | 567      | 625      | 631      | 10.60   | cps   |
| Strontium  | 88-1  | 1042     | 1058     | 1000     | 1033     | 2.91    | cps   |
| Sulfur     | 34-1  | 175656   | 174789   | 174721   | 175055   | 0.30    | cps   |
| Terbium    | 159-1 | 18001568 | 18108093 | 17961975 | 18023878 | 0.42    | cps   |
| Terbium    | 159-2 | 8468039  | 8483978  | 8467217  | 8473078  | 0.11    | cps   |
| Thallium   | 203-1 | 158      | 142      | 192      | 164      | 15.54   | cps   |
| Thallium   | 205-1 | 467      | 442      | 300      | 403      | 22.32   | cps   |
| Tin        | 118-1 | 1592     | 1308     | 1317     | 1406     | 11.47   | cps   |
| Titanium   | 47-1  | 175      | 133      | 192      | 167      | 18.03   | cps   |
| Uranium    | 238-1 | 267      | 242      | 208      | 239      | 12.25   | cps   |
| Vanadium   | 51-2  | 17       | 47       | 17       | 27       | 64.94   | cps   |
| Yttrium    | 89-1  | 13531506 | 13644600 | 13630954 | 13602353 | 0.45    | cps   |
| Yttrium    | 89-2  | 1739581  | 1749706  | 1748601  | 1745963  | 0.32    | cps   |
| Zinc       | 66-2  | 3360     | 3230     | 3197     | 3263     | 2.65    | cps   |
| Zirconium  | 90-1  | 1192     | 1292     | 1133     | 1206     | 6.64    | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-06DLX20       | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-EB-2017-3DL     | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-11-10 17:01:23 | DataFile Name :   | 082SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 267  | 192  | 275  | 244     | 18.78  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-07DLX20       | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0436DL          | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-11-10 17:04:55 | DataFile Name :   | 083SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 150      | 108      | 150      | 136      | 17.67  | cps   |
| Antimony   | 121-1 | 1100     | 1350     | 1508     | 1320     | 15.60  | cps   |
| Arsenic    | 75-2  | 2295     | 2361     | 2393     | 2350     | 2.13   | cps   |
| Barium     | 135-1 | 61955    | 63253    | 62584    | 62597    | 1.04   | cps   |
| Barium     | 137-1 | 109354   | 108001   | 108866   | 108740   | 0.63   | cps   |
| Beryllium  | 9-1   | 78       | 83       | 50       | 70       | 25.38  | cps   |
| Bismuth    | 209-1 | 11596033 | 11653799 | 11711676 | 11653836 | 0.50   | cps   |
| Bismuth    | 209-2 | 6217685  | 6287286  | 6315327  | 6273433  | 0.80   | cps   |
| Boron      | 10-1  | 425      | 508      | 467      | 467      | 8.93   | cps   |
| Boron      | 11-1  | 2259     | 2267     | 2209     | 2245     | 1.41   | cps   |
| Cadmium    | 111-1 | 1853     | 2177     | 2148     | 2059     | 8.71   | cps   |
| Cadmium    | 106-1 | 2617     | 3100     | 3025     | 2914     | 8.93   | cps   |
| Cadmium    | 108-1 | 0        | 21       | 4        | 8        | 132.26 | cps   |
| Calcium    | 43-1  | 114809   | 112870   | 114793   | 114157   | 0.98   | cps   |
| Calcium    | 44-1  | 1861384  | 1859718  | 1861176  | 1860759  | 0.05   | cps   |
| Chromium   | 52-2  | 1497     | 1393     | 1403     | 1431     | 3.98   | cps   |
| Cobalt     | 59-2  | 3080     | 3300     | 3624     | 3335     | 8.20   | cps   |
| Copper     | 63-2  | 2417     | 2544     | 2647     | 2536     | 4.54   | cps   |
| Dysprosium | 156-1 | 17       | 17       | 25       | 19       | 24.73  | cps   |
| Dysprosium | 156-2 | 10       | 3        | 10       | 8        | 49.52  | cps   |
| Erbium     | 164-1 | 75       | 67       | 33       | 58       | 37.80  | cps   |
| Erbium     | 164-2 | 47       | 30       | 47       | 41       | 23.41  | cps   |
| Gadolinium | 160-1 | 50       | 42       | 50       | 47       | 10.18  | cps   |
| Gadolinium | 160-2 | 77       | 57       | 93       | 76       | 24.30  | cps   |
| Holmium    | 165-1 | 17106943 | 17281109 | 17111882 | 17166644 | 0.58   | cps   |
| Holmium    | 165-2 | 8507660  | 8557633  | 8494726  | 8520007  | 0.39   | cps   |
| Indium     | 115-1 | 13517835 | 13519336 | 13511157 | 13516109 | 0.03   | cps   |
| Indium     | 115-2 | 2365629  | 2388306  | 2392773  | 2382236  | 0.61   | cps   |
| Iron       | 56-2  | 4855221  | 4866164  | 4883960  | 4868448  | 0.30   | cps   |
| Iron       | 57-2  | 120435   | 119241   | 121672   | 120449   | 1.01   | cps   |
| Lead       | 206-1 | 1233     | 1167     | 1189     | 1196     | 2.84   | cps   |
| Lead       | 207-1 | 1061     | 1056     | 1133     | 1083     | 4.01   | cps   |
| Lead       | 208-1 | 4762     | 4767     | 5012     | 4847     | 2.95   | cps   |
| Lithium    | 6-1   | 1874854  | 1879620  | 1875698  | 1876724  | 0.14   | cps   |
| Magnesium  | 24-2  | 142369   | 142741   | 141907   | 142339   | 0.29   | cps   |
| Manganese  | 55-2  | 872156   | 879028   | 876421   | 875868   | 0.40   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-07DLX20       | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0436DL          | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-11-10 17:04:55 | DataFile Name :   | 083SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 958      | 1067     | 1050     | 1025     | 5.69   | cps   |
| Molybdenum | 95-1  | 950      | 1025     | 775      | 917      | 14.00  | cps   |
| Molybdenum | 96-1  | 983      | 1217     | 1008     | 1070     | 11.98  | cps   |
| Molybdenum | 97-1  | 475      | 525      | 658      | 553      | 17.14  | cps   |
| Molybdenum | 98-1  | 1342     | 1325     | 1500     | 1389     | 6.95   | cps   |
| Neodymium  | 150-1 | 7        | 0        | 20       | 9        | 114.55 | cps   |
| Neodymium  | 150-2 | 7        | 3        | 3        | 4        | 43.40  | cps   |
| Nickel     | 60-2  | 403      | 320      | 510      | 411      | 23.17  | cps   |
| Phosphorus | 31-2  | 58       | 83       | 67       | 69       | 18.33  | cps   |
| Potassium  | 39-2  | 57881    | 58282    | 58658    | 58273    | 0.67   | cps   |
| Rhodium    | 103-1 | 12079496 | 12126641 | 12072922 | 12093020 | 0.24   | cps   |
| Rhodium    | 103-2 | 5575482  | 5624829  | 5634967  | 5611759  | 0.57   | cps   |
| Scandium   | 45-1  | 7006520  | 7031338  | 6987658  | 7008505  | 0.31   | cps   |
| Scandium   | 45-2  | 283655   | 286312   | 284927   | 284965   | 0.47   | cps   |
| Selenium   | 77-2  | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 56       | 44       | 31       | 44       | 27.50  | cps   |
| Selenium   | 82-1  | -27      | -13      | -10      | -17      | -55.87 | cps   |
| Silicon    | 28-1  | 1810619  | 1818897  | 1827265  | 1818927  | 0.46   | cps   |
| Silver     | 109-1 | 1350     | 1333     | 1317     | 1333     | 1.25   | cps   |
| Silver     | 107-1 | 1400     | 1292     | 1292     | 1328     | 4.71   | cps   |
| Sodium     | 23-2  | 9394378  | 9428665  | 9489548  | 9437531  | 0.51   | cps   |
| Strontium  | 86-1  | 97413    | 97312    | 99754    | 98160    | 1.41   | cps   |
| Strontium  | 88-1  | 852814   | 845178   | 847716   | 848569   | 0.46   | cps   |
| Sulfur     | 34-1  | 176685   | 177756   | 180683   | 178375   | 1.16   | cps   |
| Terbium    | 159-1 | 17833509 | 17852499 | 17907381 | 17864463 | 0.21   | cps   |
| Terbium    | 159-2 | 8469833  | 8502602  | 8481046  | 8484493  | 0.20   | cps   |
| Thallium   | 203-1 | 108      | 192      | 158      | 153      | 27.45  | cps   |
| Thallium   | 205-1 | 325      | 317      | 450      | 364      | 20.53  | cps   |
| Tin        | 118-1 | 1008     | 1042     | 983      | 1011     | 2.89   | cps   |
| Titanium   | 47-1  | 67       | 192      | 267      | 175      | 57.73  | cps   |
| Uranium    | 238-1 | 658      | 650      | 708      | 672      | 4.69   | cps   |
| Vanadium   | 51-2  | 100      | 60       | 50       | 70       | 37.80  | cps   |
| Yttrium    | 89-1  | 13477355 | 13478672 | 13581287 | 13512438 | 0.44   | cps   |
| Yttrium    | 89-2  | 1735542  | 1741353  | 1742659  | 1739851  | 0.22   | cps   |
| Zinc       | 66-2  | 3330     | 3154     | 3190     | 3225     | 2.89   | cps   |
| Zirconium  | 90-1  | 1142     | 1483     | 1375     | 1333     | 13.10  | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-07DLX20       | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0436DL          | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-11-10 17:04:55 | DataFile Name :   | 083SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 242  | 275  | 250  | 256     | 6.79   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-08DLX20       | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0437DL          | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-11-10 17:08:28 | DataFile Name :   | 084SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 58       | 117      | 158      | 111      | 45.21  | cps   |
| Antimony   | 121-1 | 1200     | 1250     | 1100     | 1183     | 6.45   | cps   |
| Arsenic    | 75-2  | 2482     | 2330     | 2393     | 2401     | 3.18   | cps   |
| Barium     | 135-1 | 65865    | 65479    | 64625    | 65323    | 0.97   | cps   |
| Barium     | 137-1 | 111832   | 113292   | 113502   | 112875   | 0.81   | cps   |
| Beryllium  | 9-1   | 67       | 83       | 67       | 72       | 13.33  | cps   |
| Bismuth    | 209-1 | 11649991 | 11681172 | 11691917 | 11674360 | 0.19   | cps   |
| Bismuth    | 209-2 | 6224196  | 6264389  | 6275387  | 6254658  | 0.43   | cps   |
| Boron      | 10-1  | 450      | 483      | 367      | 433      | 13.87  | cps   |
| Boron      | 11-1  | 1967     | 2225     | 2092     | 2095     | 6.17   | cps   |
| Cadmium    | 111-1 | 2209     | 1978     | 2158     | 2115     | 5.74   | cps   |
| Cadmium    | 106-1 | 3151     | 2800     | 3034     | 2995     | 5.95   | cps   |
| Cadmium    | 108-1 | 13       | 17       | 17       | 15       | 15.76  | cps   |
| Calcium    | 43-1  | 116624   | 118674   | 116229   | 117176   | 1.12   | cps   |
| Calcium    | 44-1  | 1911037  | 1905080  | 1903059  | 1906392  | 0.22   | cps   |
| Chromium   | 52-2  | 1260     | 1300     | 1277     | 1279     | 1.57   | cps   |
| Cobalt     | 59-2  | 3400     | 3360     | 3324     | 3362     | 1.14   | cps   |
| Copper     | 63-2  | 2517     | 2570     | 2534     | 2540     | 1.07   | cps   |
| Dysprosium | 156-1 | 25       | 33       | 33       | 31       | 15.74  | cps   |
| Dysprosium | 156-2 | 13       | 7        | 7        | 9        | 43.25  | cps   |
| Erbium     | 164-1 | 58       | 67       | 92       | 72       | 24.02  | cps   |
| Erbium     | 164-2 | 43       | 20       | 33       | 32       | 36.33  | cps   |
| Gadolinium | 160-1 | 83       | 83       | 100      | 89       | 10.82  | cps   |
| Gadolinium | 160-2 | 90       | 87       | 80       | 86       | 5.95   | cps   |
| Holmium    | 165-1 | 17157365 | 17117180 | 17098907 | 17124484 | 0.17   | cps   |
| Holmium    | 165-2 | 8467904  | 8450965  | 8502938  | 8473936  | 0.31   | cps   |
| Indium     | 115-1 | 13449029 | 13459951 | 13476502 | 13461827 | 0.10   | cps   |
| Indium     | 115-2 | 2364685  | 2369385  | 2398515  | 2377528  | 0.77   | cps   |
| Iron       | 56-2  | 4874442  | 4919925  | 4943780  | 4912716  | 0.72   | cps   |
| Iron       | 57-2  | 120653   | 121364   | 123252   | 121756   | 1.10   | cps   |
| Lead       | 206-1 | 1189     | 1028     | 1033     | 1083     | 8.44   | cps   |
| Lead       | 207-1 | 1283     | 856      | 1045     | 1061     | 20.20  | cps   |
| Lead       | 208-1 | 5095     | 4362     | 4745     | 4734     | 7.75   | cps   |
| Lithium    | 6-1   | 1876431  | 1882804  | 1864707  | 1874647  | 0.49   | cps   |
| Magnesium  | 24-2  | 144793   | 146602   | 147806   | 146400   | 1.04   | cps   |
| Manganese  | 55-2  | 881539   | 886102   | 881429   | 883024   | 0.30   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-08DLX20       | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0437DL          | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-11-10 17:08:28 | DataFile Name :   | 084SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD   | Units |
|------------|-------|----------|----------|----------|----------|----------|-------|
| Molybdenum | 94-1  | 850      | 867      | 1017     | 911      | 10.08    | cps   |
| Molybdenum | 95-1  | 892      | 683      | 867      | 814      | 13.98    | cps   |
| Molybdenum | 96-1  | 1158     | 900      | 1108     | 1056     | 12.98    | cps   |
| Molybdenum | 97-1  | 525      | 517      | 533      | 525      | 1.59     | cps   |
| Molybdenum | 98-1  | 1467     | 1458     | 1425     | 1450     | 1.52     | cps   |
| Neodymium  | 150-1 | 0        | 27       | 33       | 20       | 88.19    | cps   |
| Neodymium  | 150-2 | 0        | 3        | 3        | 2        | 86.60    | cps   |
| Nickel     | 60-2  | 333      | 370      | 367      | 357      | 5.69     | cps   |
| Phosphorus | 31-2  | 75       | 125      | 75       | 92       | 31.50    | cps   |
| Potassium  | 39-2  | 60215    | 60616    | 61696    | 60842    | 1.26     | cps   |
| Rhodium    | 103-1 | 12031998 | 12121484 | 12084056 | 12079180 | 0.37     | cps   |
| Rhodium    | 103-2 | 5571955  | 5562805  | 5591302  | 5575354  | 0.26     | cps   |
| Scandium   | 45-1  | 6948705  | 7007854  | 7012223  | 6989594  | 0.51     | cps   |
| Scandium   | 45-2  | 284750   | 287515   | 285883   | 286049   | 0.49     | cps   |
| Selenium   | 77-2  | 0        | 0        | 3        | 1        | 173.21   | cps   |
| Selenium   | 78-2  | 30       | 44       | 56       | 43       | 30.11    | cps   |
| Selenium   | 82-1  | 30       | 17       | -48      | 0        | -8456.10 | cps   |
| Silicon    | 28-1  | 1855925  | 1860006  | 1853435  | 1856455  | 0.18     | cps   |
| Silver     | 109-1 | 1075     | 1242     | 1325     | 1214     | 10.49    | cps   |
| Silver     | 107-1 | 1258     | 1350     | 1342     | 1317     | 3.85     | cps   |
| Sodium     | 23-2  | 9705120  | 9594511  | 9676144  | 9658592  | 0.59     | cps   |
| Strontium  | 86-1  | 98914    | 100441   | 100903   | 100086   | 1.04     | cps   |
| Strontium  | 88-1  | 867059   | 875829   | 871635   | 871508   | 0.50     | cps   |
| Sulfur     | 34-1  | 179705   | 178862   | 180540   | 179702   | 0.47     | cps   |
| Terbium    | 159-1 | 17996421 | 17938506 | 17860067 | 17931664 | 0.38     | cps   |
| Terbium    | 159-2 | 8482921  | 8438694  | 8499013  | 8473542  | 0.37     | cps   |
| Thallium   | 203-1 | 150      | 133      | 142      | 142      | 5.88     | cps   |
| Thallium   | 205-1 | 325      | 333      | 317      | 325      | 2.56     | cps   |
| Tin        | 118-1 | 1017     | 1067     | 925      | 1003     | 7.16     | cps   |
| Titanium   | 47-1  | 192      | 217      | 175      | 194      | 10.79    | cps   |
| Uranium    | 238-1 | 650      | 617      | 608      | 625      | 3.53     | cps   |
| Vanadium   | 51-2  | 73       | 60       | 50       | 61       | 19.15    | cps   |
| Yttrium    | 89-1  | 13412665 | 13465665 | 13495244 | 13457858 | 0.31     | cps   |
| Yttrium    | 89-2  | 1727049  | 1737027  | 1743039  | 1735705  | 0.47     | cps   |
| Zinc       | 66-2  | 3144     | 3197     | 2984     | 3108     | 3.57     | cps   |
| Zirconium  | 90-1  | 1092     | 1267     | 1200     | 1186     | 7.45     | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6411-08DLX20       | Instrumnet Name : | P7        |
| Client Sample ID :      | S49-0437DL          | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-11-10 17:08:28 | DataFile Name :   | 084SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 275  | 308  | 358  | 314     | 13.36  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6367-04RE          | Instrumnet Name : | P7        |
| Client Sample ID :      | P002-5001-0001-02RE | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 17:12:00 | DataFile Name :   | 085SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 8622548   | 8628006   | 8741867   | 8664140   | 0.78   | cps   |
| Antimony   | 121-1 | 9712      | 10104     | 10246     | 10021     | 2.76   | cps   |
| Arsenic    | 75-2  | 11280     | 11173     | 11041     | 11165     | 1.07   | cps   |
| Barium     | 135-1 | 2523193   | 2536015   | 2518932   | 2526047   | 0.35   | cps   |
| Barium     | 137-1 | 4420519   | 4441675   | 4455982   | 4439392   | 0.40   | cps   |
| Beryllium  | 9-1   | 3312      | 3217      | 3323      | 3284      | 1.77   | cps   |
| Bismuth    | 209-1 | 10430986  | 10470022  | 10527652  | 10476220  | 0.46   | cps   |
| Bismuth    | 209-2 | 5710273   | 5751647   | 5798870   | 5753597   | 0.77   | cps   |
| Boron      | 10-1  | 7911      | 8102      | 8344      | 8119      | 2.68   | cps   |
| Boron      | 11-1  | 40722     | 42377     | 42168     | 41756     | 2.16   | cps   |
| Cadmium    | 111-1 | 18789     | 19084     | 18934     | 18936     | 0.78   | cps   |
| Cadmium    | 106-1 | 7786      | 8436      | 7777      | 8000      | 4.72   | cps   |
| Cadmium    | 108-1 | 2325      | 2459      | 2396      | 2393      | 2.79   | cps   |
| Calcium    | 43-1  | 6439889   | 6502846   | 6506057   | 6482931   | 0.58   | cps   |
| Calcium    | 44-1  | 104548888 | 105183690 | 105078107 | 104936895 | 0.32   | cps   |
| Chromium   | 52-2  | 2209517   | 2245007   | 2261784   | 2238769   | 1.19   | cps   |
| Cobalt     | 59-2  | 887321    | 896435    | 905738    | 896498    | 1.03   | cps   |
| Copper     | 63-2  | 1653815   | 1672008   | 1676101   | 1667308   | 0.71   | cps   |
| Dysprosium | 156-1 | 193053    | 192107    | 190054    | 191738    | 0.80   | cps   |
| Dysprosium | 156-2 | 94597     | 94846     | 95090     | 94844     | 0.26   | cps   |
| Erbium     | 164-1 | 195137    | 195913    | 201595    | 197548    | 1.78   | cps   |
| Erbium     | 164-2 | 96766     | 97928     | 98589     | 97761     | 0.94   | cps   |
| Gadolinium | 160-1 | 193257    | 198606    | 196866    | 196243    | 1.39   | cps   |
| Gadolinium | 160-2 | 109178    | 109124    | 110386    | 109563    | 0.65   | cps   |
| Holmium    | 165-1 | 16211723  | 16437832  | 16625694  | 16425083  | 1.26   | cps   |
| Holmium    | 165-2 | 8263685   | 8308897   | 8345121   | 8305901   | 0.49   | cps   |
| Indium     | 115-1 | 12249014  | 12355345  | 12436300  | 12346886  | 0.76   | cps   |
| Indium     | 115-2 | 2251080   | 2269048   | 2294265   | 2271464   | 0.96   | cps   |
| Iron       | 56-2  | 543252312 | 546025079 | 549805023 | 546360805 | 0.60   | cps   |
| Iron       | 57-2  | 13323146  | 13362706  | 13500657  | 13395503  | 0.70   | cps   |
| Lead       | 206-1 | 2662852   | 2670592   | 2687673   | 2673705   | 0.48   | cps   |
| Lead       | 207-1 | 2282957   | 2287678   | 2290007   | 2286880   | 0.16   | cps   |
| Lead       | 208-1 | 10568029  | 10600736  | 10615331  | 10594699  | 0.23   | cps   |
| Lithium    | 6-1   | 1733130   | 1743927   | 1741009   | 1739355   | 0.32   | cps   |
| Magnesium  | 24-2  | 22938998  | 23045342  | 23303571  | 23095971  | 0.81   | cps   |
| Manganese  | 55-2  | 12181127  | 12224983  | 12390618  | 12265576  | 0.90   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6367-04RE          | Instrumnet Name : | P7        |
| Client Sample ID :      | P002-5001-0001-02RE | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 17:12:00 | DataFile Name :   | 085SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 507207   | 511099   | 508075   | 508794   | 0.40   | cps   |
| Molybdenum | 95-1  | 15451    | 15384    | 15993    | 15609    | 2.14   | cps   |
| Molybdenum | 96-1  | 102080   | 105137   | 105690   | 104302   | 1.86   | cps   |
| Molybdenum | 97-1  | 9679     | 9937     | 9737     | 9784     | 1.39   | cps   |
| Molybdenum | 98-1  | 24781    | 24347    | 25190    | 24772    | 1.70   | cps   |
| Neodymium  | 150-1 | 275547   | 278013   | 277134   | 276898   | 0.45   | cps   |
| Neodymium  | 150-2 | 107324   | 107461   | 108227   | 107671   | 0.45   | cps   |
| Nickel     | 60-2  | 1182000  | 1192432  | 1201149  | 1191860  | 0.80   | cps   |
| Phosphorus | 31-2  | 45746    | 46080    | 45704    | 45843    | 0.45   | cps   |
| Potassium  | 39-2  | 2052181  | 2064902  | 2096179  | 2071087  | 1.09   | cps   |
| Rhodium    | 103-1 | 10713862 | 10757095 | 10880399 | 10783785 | 0.80   | cps   |
| Rhodium    | 103-2 | 5097834  | 5132574  | 5185425  | 5138611  | 0.86   | cps   |
| Scandium   | 45-1  | 7727701  | 7806018  | 7814407  | 7782709  | 0.61   | cps   |
| Scandium   | 45-2  | 321105   | 322562   | 328260   | 323976   | 1.17   | cps   |
| Selenium   | 77-2  | 387      | 320      | 287      | 331      | 15.38  | cps   |
| Selenium   | 78-2  | 235      | 246      | 267      | 249      | 6.40   | cps   |
| Selenium   | 82-1  | 353      | 377      | 300      | 343      | 11.60  | cps   |
| Silicon    | 28-1  | 70980656 | 71454293 | 71908789 | 71447913 | 0.65   | cps   |
| Silver     | 109-1 | 6277     | 5668     | 6202     | 6049     | 5.49   | cps   |
| Silver     | 107-1 | 7277     | 7060     | 6927     | 7088     | 2.49   | cps   |
| Sodium     | 23-2  | 1123208  | 1123401  | 1136203  | 1127604  | 0.66   | cps   |
| Strontium  | 86-1  | 3835781  | 3834801  | 3873672  | 3848084  | 0.58   | cps   |
| Strontium  | 88-1  | 33833722 | 34252562 | 34373825 | 34153370 | 0.83   | cps   |
| Sulfur     | 34-1  | 348941   | 348730   | 346490   | 348054   | 0.39   | cps   |
| Terbium    | 159-1 | 16982019 | 17181329 | 17194831 | 17119393 | 0.70   | cps   |
| Terbium    | 159-2 | 8258464  | 8280634  | 8337313  | 8292137  | 0.49   | cps   |
| Thallium   | 203-1 | 2684     | 3059     | 2650     | 2798     | 8.11   | cps   |
| Thallium   | 205-1 | 6660     | 6660     | 6669     | 6663     | 0.07   | cps   |
| Tin        | 118-1 | 23955    | 24247    | 24898    | 24366    | 1.98   | cps   |
| Titanium   | 47-1  | 4182646  | 4206057  | 4234655  | 4207786  | 0.62   | cps   |
| Uranium    | 238-1 | 114449   | 112532   | 113885   | 113622   | 0.87   | cps   |
| Vanadium   | 51-2  | 1357926  | 1357827  | 1375407  | 1363720  | 0.74   | cps   |
| Yttrium    | 89-1  | 15466991 | 15613814 | 15712823 | 15597876 | 0.79   | cps   |
| Yttrium    | 89-2  | 2057648  | 2080008  | 2100926  | 2079528  | 1.04   | cps   |
| Zinc       | 66-2  | 960385   | 969261   | 974894   | 968180   | 0.76   | cps   |
| Zirconium  | 90-1  | 1350939  | 1352277  | 1363828  | 1355681  | 0.52   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | I6367-04RE          | Instrumnet Name : | P7        |
| Client Sample ID :      | P002-5001-0001-02RE | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 17:12:00 | DataFile Name :   | 085SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 91-1 | 301610 | 301454 | 302805 | 301956  | 0.24   | cps   |

LB Number : LB91543 Operator : Jaswal  
 Lab Sample ID : I6367-04REDLX2 Instrumnet Name : P7  
 Client Sample ID : P002-5001-0001-02REDI Dilution Factor : 2  
 Date & Time Acquired :: 2017-11-10 17:15:35 DataFile Name : 086SMPL.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 4466567   | 4426541   | 4457116   | 4450075   | 0.47   | cps   |
| Antimony   | 121-1 | 5501      | 5418      | 5293      | 5404      | 1.94   | cps   |
| Arsenic    | 75-2  | 5855      | 5751      | 5805      | 5804      | 0.89   | cps   |
| Barium     | 135-1 | 1307973   | 1300185   | 1298730   | 1302296   | 0.38   | cps   |
| Barium     | 137-1 | 2287270   | 2288687   | 2274048   | 2283335   | 0.35   | cps   |
| Beryllium  | 9-1   | 1806      | 1878      | 1967      | 1884      | 4.29   | cps   |
| Bismuth    | 209-1 | 11022147  | 11008890  | 11034737  | 11021925  | 0.12   | cps   |
| Bismuth    | 209-2 | 6038483   | 6061268   | 6056859   | 6052203   | 0.20   | cps   |
| Boron      | 10-1  | 4401      | 4476      | 4809      | 4562      | 4.77   | cps   |
| Boron      | 11-1  | 22810     | 22901     | 23210     | 22974     | 0.91   | cps   |
| Cadmium    | 111-1 | 11017     | 10878     | 11045     | 10980     | 0.81   | cps   |
| Cadmium    | 106-1 | 5601      | 5410      | 5335      | 5449      | 2.53   | cps   |
| Cadmium    | 108-1 | 1229      | 1200      | 1179      | 1203      | 2.09   | cps   |
| Calcium    | 43-1  | 3361454   | 3365771   | 3356728   | 3361318   | 0.13   | cps   |
| Calcium    | 44-1  | 55155924  | 55165457  | 54965743  | 55095708  | 0.20   | cps   |
| Chromium   | 52-2  | 1149235   | 1153410   | 1157536   | 1153394   | 0.36   | cps   |
| Cobalt     | 59-2  | 466882    | 466181    | 469952    | 467672    | 0.43   | cps   |
| Copper     | 63-2  | 877211    | 880367    | 875946    | 877841    | 0.26   | cps   |
| Dysprosium | 156-1 | 98605     | 98479     | 97387     | 98157     | 0.68   | cps   |
| Dysprosium | 156-2 | 48603     | 49084     | 49218     | 48968     | 0.66   | cps   |
| Erbium     | 164-1 | 100284    | 101208    | 101091    | 100861    | 0.50   | cps   |
| Erbium     | 164-2 | 49590     | 49864     | 49510     | 49654     | 0.37   | cps   |
| Gadolinium | 160-1 | 100904    | 99175     | 100192    | 100090    | 0.87   | cps   |
| Gadolinium | 160-2 | 55496     | 55355     | 55087     | 55312     | 0.38   | cps   |
| Holmium    | 165-1 | 16971633  | 16798320  | 16983172  | 16917708  | 0.61   | cps   |
| Holmium    | 165-2 | 8592463   | 8557615   | 8578074   | 8576050   | 0.20   | cps   |
| Indium     | 115-1 | 13109554  | 13057897  | 13143253  | 13103568  | 0.33   | cps   |
| Indium     | 115-2 | 2384383   | 2380759   | 2388570   | 2384571   | 0.16   | cps   |
| Iron       | 56-2  | 282312340 | 282995073 | 282783673 | 282697029 | 0.12   | cps   |
| Iron       | 57-2  | 6962681   | 6920814   | 6946443   | 6943312   | 0.30   | cps   |
| Lead       | 206-1 | 1376056   | 1365160   | 1371823   | 1371013   | 0.40   | cps   |
| Lead       | 207-1 | 1177895   | 1167618   | 1175422   | 1173645   | 0.46   | cps   |
| Lead       | 208-1 | 5433931   | 5400923   | 5429147   | 5421333   | 0.33   | cps   |
| Lithium    | 6-1   | 1813827   | 1829152   | 1822051   | 1821677   | 0.42   | cps   |
| Magnesium  | 24-2  | 11921506  | 11851048  | 11914735  | 11895763  | 0.33   | cps   |
| Manganese  | 55-2  | 6334894   | 6324960   | 6333257   | 6331037   | 0.08   | cps   |



LB Number : LB91543 Operator : Jaswal  
 Lab Sample ID : I6367-04REDLX2 Instrumnet Name : P7  
 Client Sample ID : P002-5001-0001-02REDI Dilution Factor : 2  
 Date & Time Acquired :: 2017-11-10 17:15:35 DataFile Name : 086SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 264606   | 260286   | 266094   | 263662   | 1.14   | cps   |
| Molybdenum | 95-1  | 8494     | 8453     | 8620     | 8522     | 1.02   | cps   |
| Molybdenum | 96-1  | 53568    | 53744    | 54890    | 54067    | 1.33   | cps   |
| Molybdenum | 97-1  | 4934     | 5043     | 5084     | 5021     | 1.54   | cps   |
| Molybdenum | 98-1  | 13507    | 13140    | 12956    | 13201    | 2.12   | cps   |
| Neodymium  | 150-1 | 141870   | 142098   | 142039   | 142002   | 0.08   | cps   |
| Neodymium  | 150-2 | 55147    | 55056    | 55642    | 55282    | 0.57   | cps   |
| Nickel     | 60-2  | 624028   | 625649   | 626995   | 625557   | 0.24   | cps   |
| Phosphorus | 31-2  | 24003    | 23444    | 23736    | 23728    | 1.18   | cps   |
| Potassium  | 39-2  | 1080160  | 1071330  | 1069433  | 1073641  | 0.53   | cps   |
| Rhodium    | 103-1 | 11605754 | 11532236 | 11517533 | 11551841 | 0.41   | cps   |
| Rhodium    | 103-2 | 5403942  | 5437937  | 5453579  | 5431819  | 0.47   | cps   |
| Scandium   | 45-1  | 7616264  | 7629834  | 7621388  | 7622495  | 0.09   | cps   |
| Scandium   | 45-2  | 313097   | 312149   | 312608   | 312618   | 0.15   | cps   |
| Selenium   | 77-2  | 163      | 103      | 173      | 147      | 25.81  | cps   |
| Selenium   | 78-2  | 159      | 181      | 159      | 167      | 7.70   | cps   |
| Selenium   | 82-1  | 166      | 223      | 220      | 203      | 15.71  | cps   |
| Silicon    | 28-1  | 37780830 | 37960522 | 38093972 | 37945108 | 0.41   | cps   |
| Silver     | 109-1 | 3559     | 3842     | 3651     | 3684     | 3.93   | cps   |
| Silver     | 107-1 | 3826     | 3884     | 4209     | 3973     | 5.20   | cps   |
| Sodium     | 23-2  | 586898   | 585362   | 585024   | 585761   | 0.17   | cps   |
| Strontium  | 86-1  | 1998152  | 1983649  | 1996945  | 1992915  | 0.40   | cps   |
| Strontium  | 88-1  | 17780360 | 17800692 | 17895458 | 17825503 | 0.34   | cps   |
| Sulfur     | 34-1  | 263042   | 258929   | 260608   | 260860   | 0.79   | cps   |
| Terbium    | 159-1 | 17757017 | 17694877 | 17745423 | 17732439 | 0.19   | cps   |
| Terbium    | 159-2 | 8538406  | 8559011  | 8535942  | 8544453  | 0.15   | cps   |
| Thallium   | 203-1 | 1617     | 1450     | 1517     | 1528     | 5.49   | cps   |
| Thallium   | 205-1 | 3542     | 3492     | 3584     | 3540     | 1.30   | cps   |
| Tin        | 118-1 | 13490    | 12790    | 13899    | 13393    | 4.19   | cps   |
| Titanium   | 47-1  | 2204598  | 2197147  | 2198247  | 2199998  | 0.18   | cps   |
| Uranium    | 238-1 | 59369    | 57301    | 59286    | 58652    | 2.00   | cps   |
| Vanadium   | 51-2  | 703342   | 699953   | 700291   | 701196   | 0.27   | cps   |
| Yttrium    | 89-1  | 14802761 | 14895807 | 14889513 | 14862694 | 0.35   | cps   |
| Yttrium    | 89-2  | 1963795  | 1969436  | 1971973  | 1968401  | 0.21   | cps   |
| Zinc       | 66-2  | 511092   | 515774   | 514753   | 513873   | 0.48   | cps   |
| Zirconium  | 90-1  | 702282   | 698050   | 702393   | 700909   | 0.35   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB91543               | Operator :        | Jaswal    |
| Lab Sample ID :         | I6367-04REDLX2        | Instrumnet Name : | P7        |
| Client Sample ID :      | P002-5001-0001-02REDI | Dilution Factor : | 2         |
| Date & Time Acquired :: | 2017-11-10 17:15:35   | DataFile Name :   | 086SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 91-1 | 154804 | 157153 | 156581 | 156179  | 0.78   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB91543               | Operator :        | Jaswal    |
| Lab Sample ID :         | I6367-04REDL2X20      | Instrumnet Name : | P7        |
| Client Sample ID :      | P002-5001-0001-02REDI | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-11-10 17:19:08   | DataFile Name :   | 087SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 431067   | 433215   | 430776   | 431686   | 0.31   | cps   |
| Antimony   | 121-1 | 833      | 925      | 1033     | 931      | 10.76  | cps   |
| Arsenic    | 75-2  | 528      | 585      | 570      | 561      | 5.31   | cps   |
| Barium     | 135-1 | 127521   | 125563   | 124141   | 125742   | 1.35   | cps   |
| Barium     | 137-1 | 219145   | 220956   | 222532   | 220878   | 0.77   | cps   |
| Beryllium  | 9-1   | 228      | 178      | 272      | 226      | 20.91  | cps   |
| Bismuth    | 209-1 | 11600896 | 11649569 | 11546252 | 11598906 | 0.45   | cps   |
| Bismuth    | 209-2 | 6305250  | 6371766  | 6414191  | 6363736  | 0.86   | cps   |
| Boron      | 10-1  | 800      | 650      | 933      | 794      | 17.84  | cps   |
| Boron      | 11-1  | 3767     | 3717     | 3642     | 3709     | 1.70   | cps   |
| Cadmium    | 111-1 | 3042     | 2732     | 2736     | 2836     | 6.27   | cps   |
| Cadmium    | 106-1 | 3309     | 2725     | 2884     | 2973     | 10.15  | cps   |
| Cadmium    | 108-1 | 154      | 108      | 154      | 139      | 19.05  | cps   |
| Calcium    | 43-1  | 327060   | 324077   | 325018   | 325385   | 0.47   | cps   |
| Calcium    | 44-1  | 5404710  | 5390766  | 5392923  | 5396133  | 0.14   | cps   |
| Chromium   | 52-2  | 112237   | 113425   | 112662   | 112775   | 0.53   | cps   |
| Cobalt     | 59-2  | 45497    | 46152    | 46357    | 46002    | 0.98   | cps   |
| Copper     | 63-2  | 88603    | 88824    | 89833    | 89087    | 0.74   | cps   |
| Dysprosium | 156-1 | 9612     | 9462     | 9470     | 9515     | 0.89   | cps   |
| Dysprosium | 156-2 | 4454     | 4771     | 4621     | 4615     | 3.43   | cps   |
| Erbium     | 164-1 | 9629     | 9646     | 9854     | 9709     | 1.29   | cps   |
| Erbium     | 164-2 | 4791     | 4898     | 4928     | 4872     | 1.47   | cps   |
| Gadolinium | 160-1 | 9045     | 9837     | 9704     | 9529     | 4.45   | cps   |
| Gadolinium | 160-2 | 5488     | 5575     | 5388     | 5483     | 1.70   | cps   |
| Holmium    | 165-1 | 17161541 | 17214508 | 17250475 | 17208841 | 0.26   | cps   |
| Holmium    | 165-2 | 8654213  | 8720836  | 8716332  | 8697127  | 0.43   | cps   |
| Indium     | 115-1 | 13718531 | 13635786 | 13637761 | 13664026 | 0.35   | cps   |
| Indium     | 115-2 | 2468703  | 2474628  | 2474982  | 2472771  | 0.14   | cps   |
| Iron       | 56-2  | 27720810 | 27707399 | 27652726 | 27693645 | 0.13   | cps   |
| Iron       | 57-2  | 663419   | 664538   | 667399   | 665119   | 0.31   | cps   |
| Lead       | 206-1 | 136864   | 134129   | 133766   | 134920   | 1.26   | cps   |
| Lead       | 207-1 | 116870   | 115939   | 113429   | 115413   | 1.54   | cps   |
| Lead       | 208-1 | 539264   | 531709   | 527644   | 532872   | 1.11   | cps   |
| Lithium    | 6-1   | 1908338  | 1897713  | 1902979  | 1903010  | 0.28   | cps   |
| Magnesium  | 24-2  | 1149769  | 1144447  | 1152244  | 1148820  | 0.35   | cps   |
| Manganese  | 55-2  | 605829   | 604398   | 609234   | 606487   | 0.41   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB91543               | Operator :        | Jaswal    |
| Lab Sample ID :         | I6367-04REDL2X20      | Instrumnet Name : | P7        |
| Client Sample ID :      | P002-5001-0001-02REDI | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-11-10 17:19:08   | DataFile Name :   | 087SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 25507    | 24948    | 25565    | 25340    | 1.35   | cps   |
| Molybdenum | 95-1  | 992      | 1008     | 933      | 978      | 4.03   | cps   |
| Molybdenum | 96-1  | 5501     | 5260     | 5426     | 5396     | 2.29   | cps   |
| Molybdenum | 97-1  | 525      | 517      | 567      | 536      | 5.00   | cps   |
| Molybdenum | 98-1  | 1367     | 1683     | 1700     | 1583     | 11.86  | cps   |
| Neodymium  | 150-1 | 13767    | 13961    | 13781    | 13836    | 0.78   | cps   |
| Neodymium  | 150-2 | 5308     | 5288     | 5338     | 5311     | 0.47   | cps   |
| Nickel     | 60-2  | 61448    | 62282    | 62194    | 61975    | 0.74   | cps   |
| Phosphorus | 31-2  | 2325     | 2417     | 2292     | 2345     | 2.76   | cps   |
| Potassium  | 39-2  | 116571   | 117991   | 116656   | 117073   | 0.68   | cps   |
| Rhodium    | 103-1 | 12307214 | 12240227 | 12264415 | 12270619 | 0.28   | cps   |
| Rhodium    | 103-2 | 5729432  | 5732484  | 5706455  | 5722790  | 0.25   | cps   |
| Scandium   | 45-1  | 7342249  | 7295139  | 7319068  | 7318819  | 0.32   | cps   |
| Scandium   | 45-2  | 297486   | 297436   | 298119   | 297681   | 0.13   | cps   |
| Selenium   | 77-2  | 23       | 17       | 23       | 21       | 18.21  | cps   |
| Selenium   | 78-2  | 85       | 54       | 56       | 65       | 27.26  | cps   |
| Selenium   | 82-1  | 5        | 14       | 62       | 27       | 113.03 | cps   |
| Silicon    | 28-1  | 4222729  | 4216740  | 4167613  | 4202361  | 0.72   | cps   |
| Silver     | 109-1 | 975      | 967      | 1092     | 1011     | 6.91   | cps   |
| Silver     | 107-1 | 1150     | 983      | 1067     | 1067     | 7.81   | cps   |
| Sodium     | 23-2  | 72735    | 73313    | 73429    | 73159    | 0.51   | cps   |
| Strontium  | 86-1  | 194299   | 194170   | 191983   | 193484   | 0.67   | cps   |
| Strontium  | 88-1  | 1680260  | 1685311  | 1672444  | 1679339  | 0.39   | cps   |
| Sulfur     | 34-1  | 174628   | 177040   | 174047   | 175238   | 0.91   | cps   |
| Terbium    | 159-1 | 17964038 | 18034305 | 17950862 | 17983068 | 0.25   | cps   |
| Terbium    | 159-2 | 8702687  | 8672800  | 8694021  | 8689836  | 0.18   | cps   |
| Thallium   | 203-1 | 350      | 292      | 300      | 314      | 10.05  | cps   |
| Thallium   | 205-1 | 700      | 733      | 725      | 720      | 2.41   | cps   |
| Tin        | 118-1 | 1884     | 2000     | 1742     | 1875     | 6.90   | cps   |
| Titanium   | 47-1  | 211395   | 213297   | 211149   | 211947   | 0.55   | cps   |
| Uranium    | 238-1 | 5276     | 5968     | 5818     | 5688     | 6.40   | cps   |
| Vanadium   | 51-2  | 68482    | 66981    | 67912    | 67792    | 1.12   | cps   |
| Yttrium    | 89-1  | 13861438 | 13905630 | 13871142 | 13879403 | 0.17   | cps   |
| Yttrium    | 89-2  | 1831345  | 1829423  | 1831975  | 1830914  | 0.07   | cps   |
| Zinc       | 66-2  | 55448    | 54886    | 54605    | 54980    | 0.78   | cps   |
| Zirconium  | 90-1  | 66940    | 67787    | 66555    | 67094    | 0.94   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB91543               | Operator :        | Jaswal    |
| Lab Sample ID :         | I6367-04REDL2X20      | Instrumnet Name : | P7        |
| Client Sample ID :      | P002-5001-0001-02REDI | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-11-10 17:19:08   | DataFile Name :   | 087SMPL.d |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zirconium | 91-1 | 15092 | 15375 | 14883 | 15117   | 1.63   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB91543             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV31               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV31               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-11-10 17:25:35 | DataFile Name :   | 088CCV.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 3381277   | 3436105   | 3490250   | 3435877   | 1.59   | cps   |
| Antimony   | 121-1 | 4763948   | 4822051   | 4859324   | 4815108   | 1.00   | cps   |
| Arsenic    | 75-2  | 142383    | 144758    | 146120    | 144420    | 1.31   | cps   |
| Barium     | 135-1 | 5532279   | 5569602   | 5590874   | 5564252   | 0.53   | cps   |
| Barium     | 137-1 | 9857863   | 9929381   | 10018929  | 9935391   | 0.81   | cps   |
| Beryllium  | 9-1   | 540695    | 545379    | 554562    | 546879    | 1.29   | cps   |
| Bismuth    | 209-1 | 10310503  | 10347083  | 10351494  | 10336360  | 0.22   | cps   |
| Bismuth    | 209-2 | 5864471   | 5964879   | 5986507   | 5938619   | 1.10   | cps   |
| Boron      | 10-1  | 62865     | 66698     | 67819     | 65794     | 3.95   | cps   |
| Boron      | 11-1  | 315394    | 323556    | 335970    | 324973    | 3.19   | cps   |
| Cadmium    | 111-1 | 1049130   | 1048143   | 1056998   | 1051424   | 0.46   | cps   |
| Cadmium    | 106-1 | 111763    | 111537    | 112662    | 111987    | 0.53   | cps   |
| Cadmium    | 108-1 | 76325     | 76928     | 77871     | 77041     | 1.01   | cps   |
| Calcium    | 43-1  | 5836367   | 5904998   | 5995361   | 5912242   | 1.35   | cps   |
| Calcium    | 44-1  | 94528713  | 95715621  | 96609256  | 95617863  | 1.09   | cps   |
| Chromium   | 52-2  | 1221215   | 1234379   | 1250800   | 1235465   | 1.20   | cps   |
| Cobalt     | 59-2  | 2014949   | 2040482   | 2061085   | 2038839   | 1.13   | cps   |
| Copper     | 63-2  | 2873381   | 2910067   | 2940755   | 2908068   | 1.16   | cps   |
| Dysprosium | 156-1 | 117       | 100       | 83        | 100       | 16.66  | cps   |
| Dysprosium | 156-2 | 57        | 43        | 43        | 48        | 16.12  | cps   |
| Erbium     | 164-1 | 75        | 42        | 67        | 61        | 28.38  | cps   |
| Erbium     | 164-2 | 47        | 20        | 20        | 29        | 53.30  | cps   |
| Gadolinium | 160-1 | 142       | 92        | 158       | 131       | 26.57  | cps   |
| Gadolinium | 160-2 | 97        | 80        | 90        | 89        | 9.44   | cps   |
| Holmium    | 165-1 | 16409404  | 16514828  | 16665094  | 16529775  | 0.78   | cps   |
| Holmium    | 165-2 | 8601048   | 8720354   | 8756720   | 8692707   | 0.94   | cps   |
| Indium     | 115-1 | 12614446  | 12728421  | 12726185  | 12689684  | 0.51   | cps   |
| Indium     | 115-2 | 2412051   | 2454497   | 2474043   | 2446864   | 1.30   | cps   |
| Iron       | 56-2  | 249078789 | 251223772 | 254186011 | 251496191 | 1.02   | cps   |
| Iron       | 57-2  | 6095813   | 6174353   | 6215708   | 6161958   | 0.99   | cps   |
| Lead       | 206-1 | 3435355   | 3432334   | 3450765   | 3439485   | 0.29   | cps   |
| Lead       | 207-1 | 3169210   | 3171860   | 3175533   | 3172201   | 0.10   | cps   |
| Lead       | 208-1 | 14424344  | 14430019  | 14442508  | 14432290  | 0.06   | cps   |
| Lithium    | 6-1   | 1863499   | 1888200   | 1904911   | 1885537   | 1.10   | cps   |
| Magnesium  | 24-2  | 39715064  | 40197280  | 40710159  | 40207501  | 1.24   | cps   |
| Manganese  | 55-2  | 1355093   | 1371961   | 1384243   | 1370433   | 1.07   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB91543             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV31               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV31               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-11-10 17:25:35 | DataFile Name :   | 088CCV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 9146970  | 9162177  | 9210447  | 9173198  | 0.36   | cps   |
| Molybdenum | 95-1  | 10997733 | 10963347 | 11005484 | 10988855 | 0.20   | cps   |
| Molybdenum | 96-1  | 12135116 | 12190447 | 12168616 | 12164726 | 0.23   | cps   |
| Molybdenum | 97-1  | 6827037  | 6841085  | 6875069  | 6847730  | 0.36   | cps   |
| Molybdenum | 98-1  | 17769630 | 17765934 | 17880483 | 17805349 | 0.37   | cps   |
| Neodymium  | 150-1 | 260      | 293      | 167      | 240      | 27.36  | cps   |
| Neodymium  | 150-2 | 47       | 33       | 30       | 37       | 24.06  | cps   |
| Nickel     | 60-2  | 524888   | 529747   | 535661   | 530099   | 1.02   | cps   |
| Phosphorus | 31-2  | 34148    | 36028    | 34917    | 35031    | 2.70   | cps   |
| Potassium  | 39-2  | 19757929 | 20112500 | 20242982 | 20037804 | 1.25   | cps   |
| Rhodium    | 103-1 | 11087036 | 11109217 | 11162045 | 11119432 | 0.35   | cps   |
| Rhodium    | 103-2 | 5393727  | 5488570  | 5491406  | 5457901  | 1.02   | cps   |
| Scandium   | 45-1  | 7132224  | 7215148  | 7227872  | 7191748  | 0.72   | cps   |
| Scandium   | 45-2  | 306783   | 312973   | 315201   | 311652   | 1.40   | cps   |
| Selenium   | 77-2  | 2640     | 2707     | 2727     | 2691     | 1.69   | cps   |
| Selenium   | 78-2  | 8821     | 9049     | 9149     | 9007     | 1.87   | cps   |
| Selenium   | 82-1  | 60790    | 59661    | 60273    | 60241    | 0.94   | cps   |
| Silicon    | 28-1  | 2537203  | 2617107  | 2685657  | 2613322  | 2.84   | cps   |
| Silver     | 109-1 | 5102169  | 5082994  | 5171140  | 5118768  | 0.91   | cps   |
| Silver     | 107-1 | 5286123  | 5276726  | 5332746  | 5298532  | 0.57   | cps   |
| Sodium     | 23-2  | 73920881 | 74478435 | 75402164 | 74600493 | 1.00   | cps   |
| Strontium  | 86-1  | 1414374  | 1417789  | 1419139  | 1417101  | 0.17   | cps   |
| Strontium  | 88-1  | 12660804 | 12603901 | 12665845 | 12643517 | 0.27   | cps   |
| Sulfur     | 34-1  | 479472   | 484016   | 493873   | 485787   | 1.52   | cps   |
| Terbium    | 159-1 | 17243311 | 17193799 | 17252969 | 17230026 | 0.18   | cps   |
| Terbium    | 159-2 | 8576563  | 8682819  | 8728842  | 8662741  | 0.90   | cps   |
| Thallium   | 203-1 | 4260628  | 4252189  | 4304805  | 4272541  | 0.66   | cps   |
| Thallium   | 205-1 | 10435445 | 10463174 | 10531487 | 10476702 | 0.47   | cps   |
| Tin        | 118-1 | 3587458  | 3603335  | 3615423  | 3602072  | 0.39   | cps   |
| Titanium   | 47-1  | 2702086  | 2741059  | 2746469  | 2729871  | 0.89   | cps   |
| Uranium    | 238-1 | 15435314 | 15534268 | 15545563 | 15505048 | 0.39   | cps   |
| Vanadium   | 51-2  | 1016789  | 1031436  | 1042251  | 1030159  | 1.24   | cps   |
| Yttrium    | 89-1  | 13243726 | 13281380 | 13309107 | 13278071 | 0.25   | cps   |
| Yttrium    | 89-2  | 1852368  | 1884392  | 1896241  | 1877667  | 1.21   | cps   |
| Zinc       | 66-2  | 389028   | 394326   | 398654   | 394002   | 1.22   | cps   |
| Zirconium  | 90-1  | 7888165  | 7878288  | 7923608  | 7896687  | 0.30   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB91543             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV31               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV31               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-11-10 17:25:35 | DataFile Name :   | 088CCV.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 1696185 | 1715070 | 1710106 | 1707120 | 0.57   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB31               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB31               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 17:35:38 | DataFile Name :   | 089CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 100      | 92       | 42       | 78       | 40.56  | cps   |
| Antimony   | 121-1 | 2559     | 2400     | 2450     | 2470     | 3.28   | cps   |
| Arsenic    | 75-2  | 15       | 11       | 11       | 12       | 17.31  | cps   |
| Barium     | 135-1 | 108      | 92       | 100      | 100      | 8.33   | cps   |
| Barium     | 137-1 | 133      | 225      | 167      | 175      | 26.51  | cps   |
| Beryllium  | 9-1   | 111      | 100      | 133      | 115      | 14.79  | cps   |
| Bismuth    | 209-1 | 11334030 | 11370454 | 11349399 | 11351294 | 0.16   | cps   |
| Bismuth    | 209-2 | 6343512  | 6364189  | 6353484  | 6353728  | 0.16   | cps   |
| Boron      | 10-1  | 675      | 558      | 392      | 542      | 26.29  | cps   |
| Boron      | 11-1  | 2734     | 2584     | 2517     | 2611     | 4.25   | cps   |
| Cadmium    | 111-1 | 1852     | 1797     | 1784     | 1811     | 1.99   | cps   |
| Cadmium    | 106-1 | 2609     | 2542     | 2542     | 2564     | 1.50   | cps   |
| Cadmium    | 108-1 | 4        | 4        | 17       | 8        | 86.57  | cps   |
| Calcium    | 43-1  | 283      | 233      | 225      | 247      | 12.76  | cps   |
| Calcium    | 44-1  | 11872    | 11238    | 11605    | 11572    | 2.75   | cps   |
| Chromium   | 52-2  | 1207     | 1170     | 1193     | 1190     | 1.56   | cps   |
| Cobalt     | 59-2  | 120      | 97       | 103      | 107      | 11.26  | cps   |
| Copper     | 63-2  | 1470     | 1493     | 1493     | 1486     | 0.91   | cps   |
| Dysprosium | 156-1 | 0        | 8        | 17       | 8        | 100.02 | cps   |
| Dysprosium | 156-2 | 3        | 7        | 3        | 4        | 43.40  | cps   |
| Erbium     | 164-1 | 8        | 8        | 42       | 19       | 99.00  | cps   |
| Erbium     | 164-2 | 23       | 13       | 10       | 16       | 44.60  | cps   |
| Gadolinium | 160-1 | 50       | 33       | 33       | 39       | 24.75  | cps   |
| Gadolinium | 160-2 | 83       | 70       | 100      | 84       | 17.80  | cps   |
| Holmium    | 165-1 | 16779385 | 16655551 | 16692150 | 16709029 | 0.38   | cps   |
| Holmium    | 165-2 | 8647297  | 8631107  | 8584973  | 8621125  | 0.38   | cps   |
| Indium     | 115-1 | 13402062 | 13472250 | 13372754 | 13415688 | 0.38   | cps   |
| Indium     | 115-2 | 2488843  | 2479294  | 2500657  | 2489598  | 0.43   | cps   |
| Iron       | 56-2  | 7419     | 7130     | 6691     | 7080     | 5.18   | cps   |
| Iron       | 57-2  | 222      | 267      | 228      | 239      | 10.14  | cps   |
| Lead       | 206-1 | 1567     | 1739     | 1689     | 1665     | 5.32   | cps   |
| Lead       | 207-1 | 1450     | 1456     | 1356     | 1420     | 3.96   | cps   |
| Lead       | 208-1 | 6412     | 6740     | 6551     | 6568     | 2.51   | cps   |
| Lithium    | 6-1   | 1950607  | 1936917  | 1934775  | 1940766  | 0.44   | cps   |
| Magnesium  | 24-2  | 717      | 708      | 558      | 661      | 13.48  | cps   |
| Manganese  | 55-2  | 167      | 130      | 183      | 160      | 17.05  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB31               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB31               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 17:35:38 | DataFile Name :   | 089CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Molybdenum | 94-1  | 1025     | 1075     | 1133     | 1078     | 5.03    | cps   |
| Molybdenum | 95-1  | 825      | 825      | 658      | 770      | 12.51   | cps   |
| Molybdenum | 96-1  | 867      | 867      | 742      | 825      | 8.75    | cps   |
| Molybdenum | 97-1  | 508      | 608      | 542      | 553      | 9.21    | cps   |
| Molybdenum | 98-1  | 1200     | 1283     | 1183     | 1222     | 4.38    | cps   |
| Neodymium  | 150-1 | 0        | 7        | 0        | 2        | 173.21  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00    | cps   |
| Nickel     | 60-2  | 93       | 93       | 130      | 106      | 20.05   | cps   |
| Phosphorus | 31-2  | 58       | 117      | 50       | 75       | 48.44   | cps   |
| Potassium  | 39-2  | 14433    | 14624    | 14441    | 14499    | 0.75    | cps   |
| Rhodium    | 103-1 | 12169635 | 12202904 | 12068891 | 12147143 | 0.57    | cps   |
| Rhodium    | 103-2 | 5760466  | 5724131  | 5735763  | 5740120  | 0.32    | cps   |
| Scandium   | 45-1  | 7258782  | 7225321  | 7225283  | 7236462  | 0.27    | cps   |
| Scandium   | 45-2  | 299341   | 300997   | 299824   | 300054   | 0.28    | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00    | cps   |
| Selenium   | 78-2  | 63       | 59       | 72       | 65       | 10.30   | cps   |
| Selenium   | 82-1  | -1       | -62      | 40       | -7       | -684.62 | cps   |
| Silicon    | 28-1  | 139469   | 139302   | 141262   | 140011   | 0.78    | cps   |
| Silver     | 109-1 | 650      | 483      | 558      | 564      | 14.80   | cps   |
| Silver     | 107-1 | 583      | 425      | 458      | 489      | 17.07   | cps   |
| Sodium     | 23-2  | 18963    | 18387    | 17503    | 18284    | 4.02    | cps   |
| Strontium  | 86-1  | 433      | 542      | 667      | 547      | 21.34   | cps   |
| Strontium  | 88-1  | 525      | 467      | 625      | 539      | 14.86   | cps   |
| Sulfur     | 34-1  | 182235   | 182058   | 180598   | 181630   | 0.49    | cps   |
| Terbium    | 159-1 | 17487937 | 17441562 | 17482587 | 17470695 | 0.15    | cps   |
| Terbium    | 159-2 | 8635034  | 8582784  | 8549117  | 8588978  | 0.50    | cps   |
| Thallium   | 203-1 | 325      | 317      | 300      | 314      | 4.06    | cps   |
| Thallium   | 205-1 | 983      | 858      | 725      | 856      | 15.10   | cps   |
| Tin        | 118-1 | 1083     | 933      | 1092     | 1036     | 8.60    | cps   |
| Titanium   | 47-1  | 125      | 92       | 158      | 125      | 26.67   | cps   |
| Uranium    | 238-1 | 192      | 167      | 217      | 192      | 13.04   | cps   |
| Vanadium   | 51-2  | 20       | 20       | 37       | 26       | 37.66   | cps   |
| Yttrium    | 89-1  | 13517655 | 13496018 | 13434340 | 13482671 | 0.32    | cps   |
| Yttrium    | 89-2  | 1828298  | 1822280  | 1821386  | 1823988  | 0.21    | cps   |
| Zinc       | 66-2  | 2874     | 2920     | 2837     | 2877     | 1.45    | cps   |
| Zirconium  | 90-1  | 1408     | 1634     | 1617     | 1553     | 8.07    | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB91543             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB31               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB31               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-11-10 17:35:38 | DataFile Name :   | 089CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 375  | 350  | 350  | 358     | 4.03   | cps   |