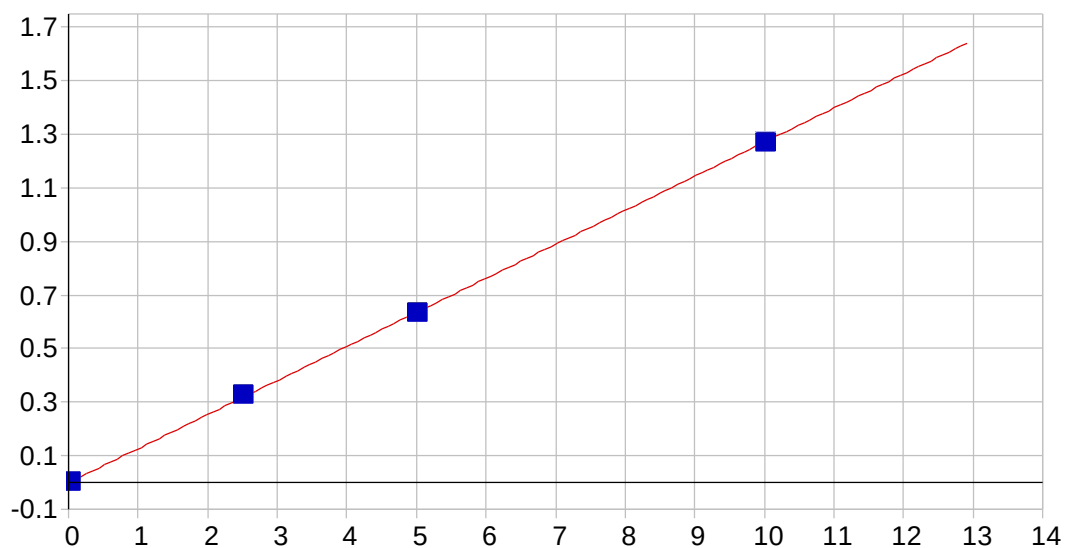




As 189.042 {478}

Date of Fit: 7/10/2017 11:48:22

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000521

Re-Slope: 1.000000

A1 (Gain): 0.127142

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999960

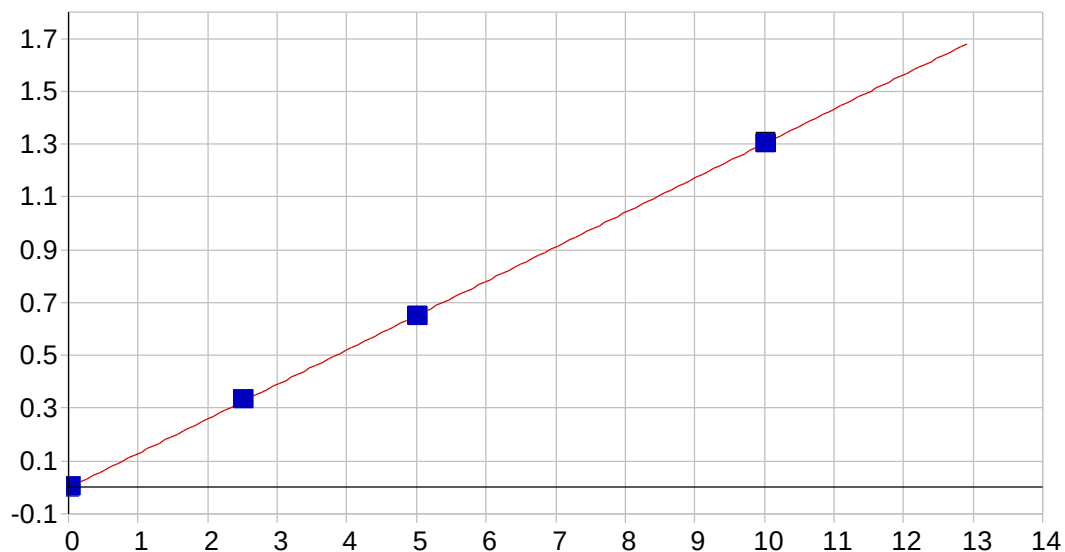
Status: OK.

Std Error of Est: 0.000027

Predicted MDL: 0.003034

Predicted MQL: 0.010112

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00052 | .000    | 1        |
| S1        | .02000       | .02160      | .002       | 8.01    | .00226  | .000    | 1        |
| S3        | 2.5000       | 2.5501      | .050       | 2.00    | .32414  | .002    | 1        |
| S4        | 5.0000       | 4.9649      | -.035      | -.702   | .63160  | .001    | 1        |
| S5        | 10.000       | 9.9834      | -.017      | -.166   | 1.2705  | .003    | 1        |

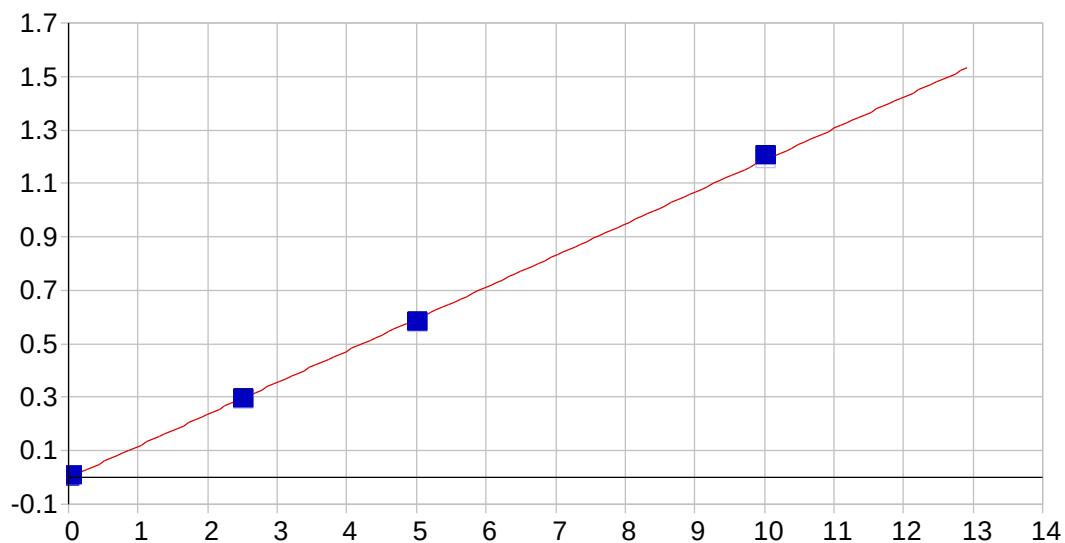


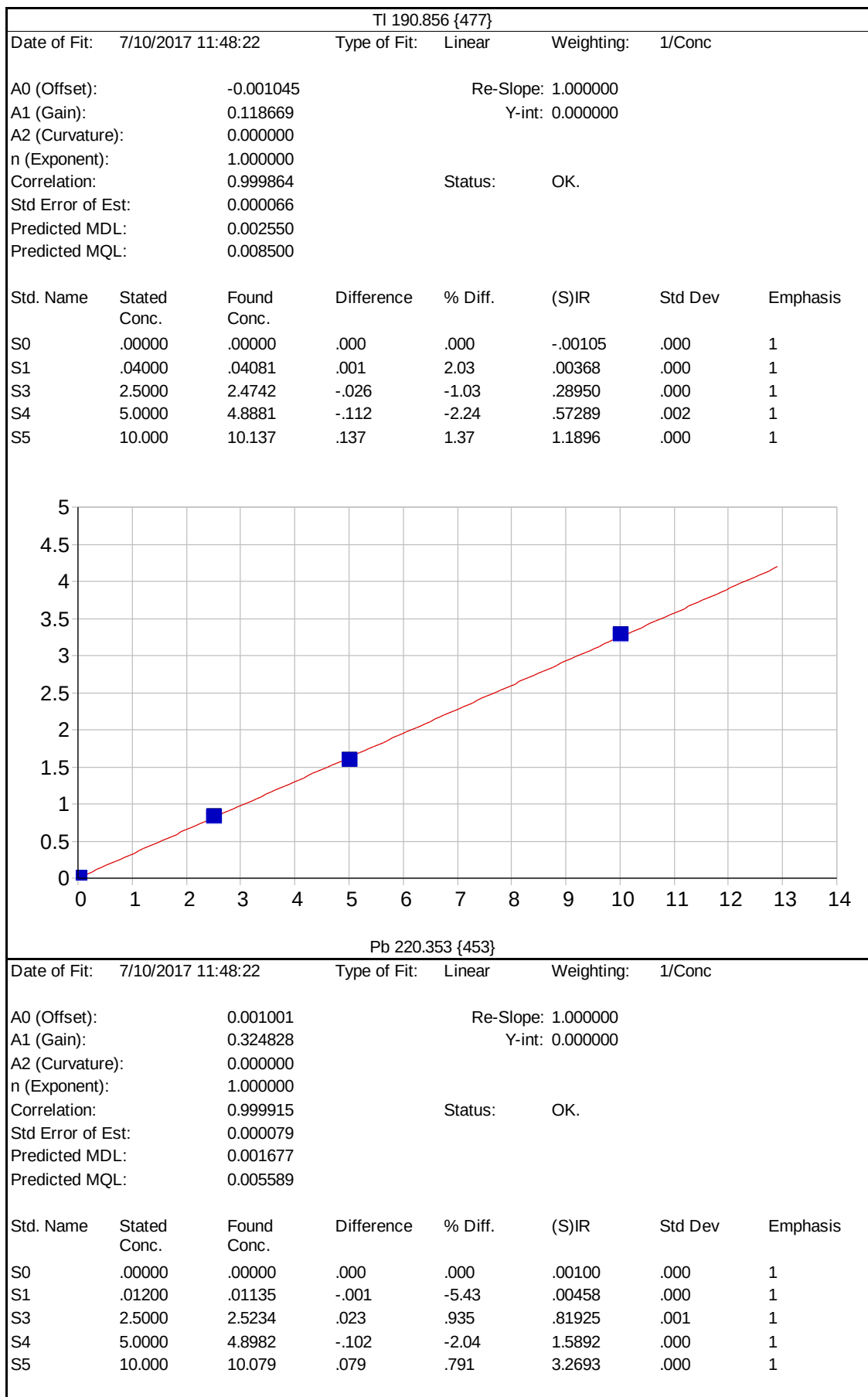
As 189.042 {479}

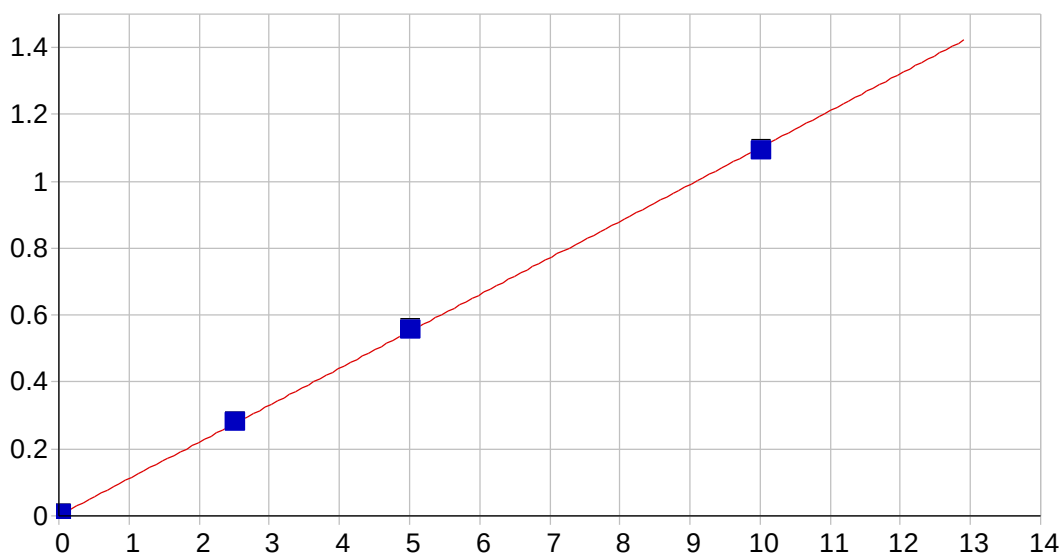
Date of Fit: 7/10/2017 11:48:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000867 Re-Slope: 1.000000  
 A1 (Gain): 0.130252 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999923 Status: OK.  
 Std Error of Est: 0.000039  
 Predicted MDL: 0.002362  
 Predicted MQL: 0.007875

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00087 | .000    | 1        |
| S1        | .02000       | .02454      | .005       | 22.7    | .00237  | .000    | 1        |
| S3        | 2.5000       | 2.5573      | .057       | 2.29    | .33268  | .001    | 1        |
| S4        | 5.0000       | 4.9608      | -.039      | -.784   | .64618  | .000    | 1        |
| S5        | 10.000       | 9.9773      | -.023      | -.227   | 1.3005  | .003    | 1        |





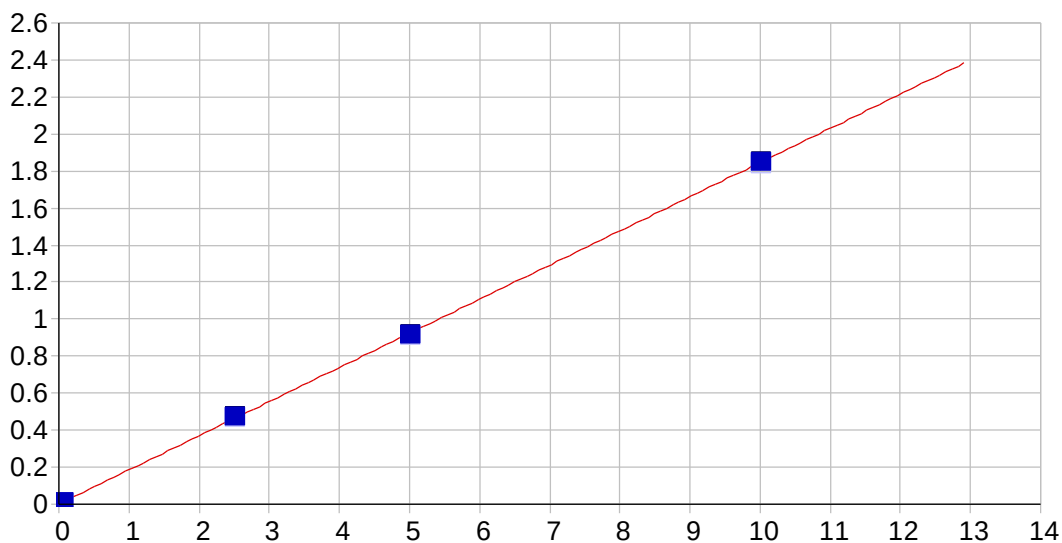


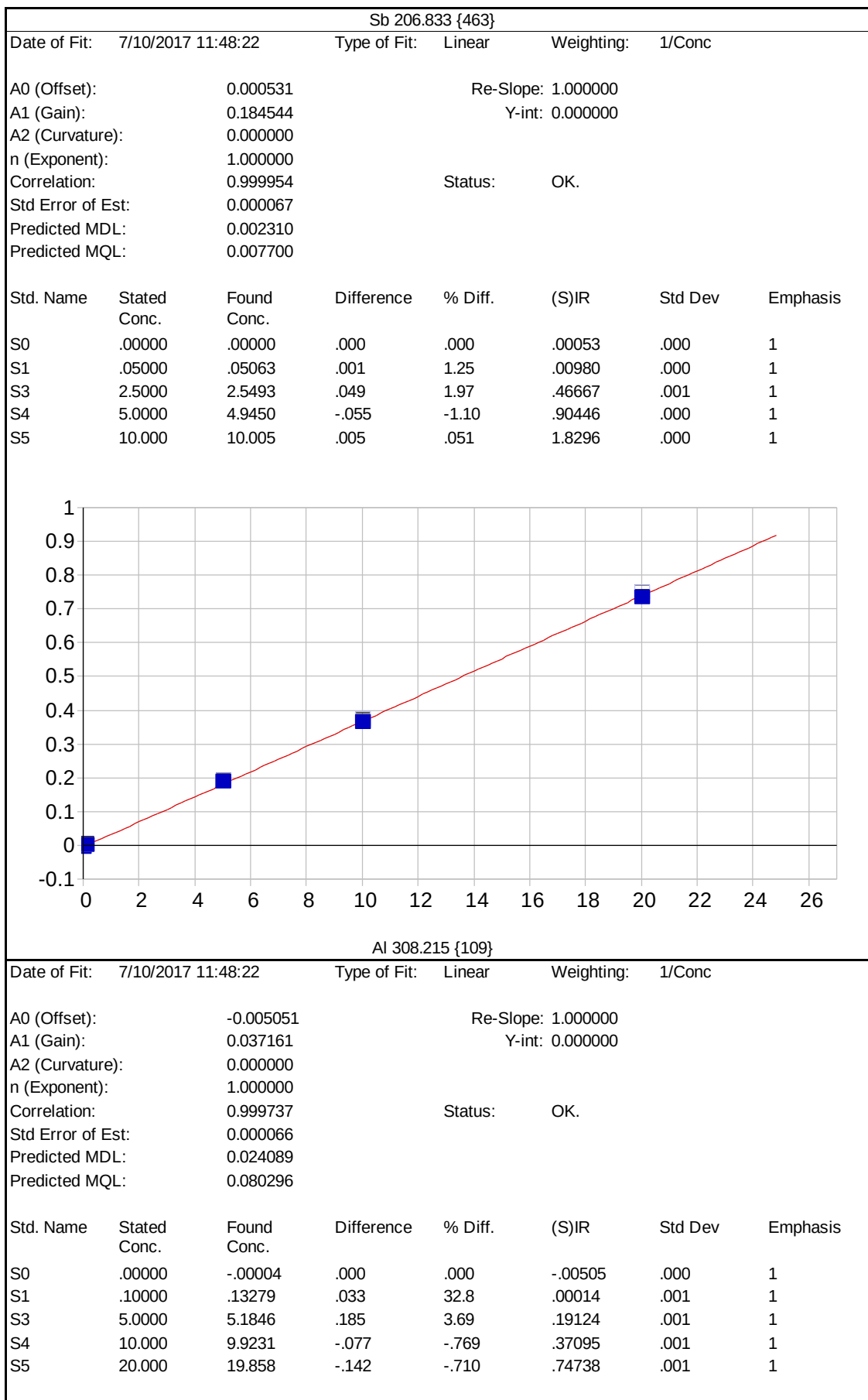
Se 196.090 {472}

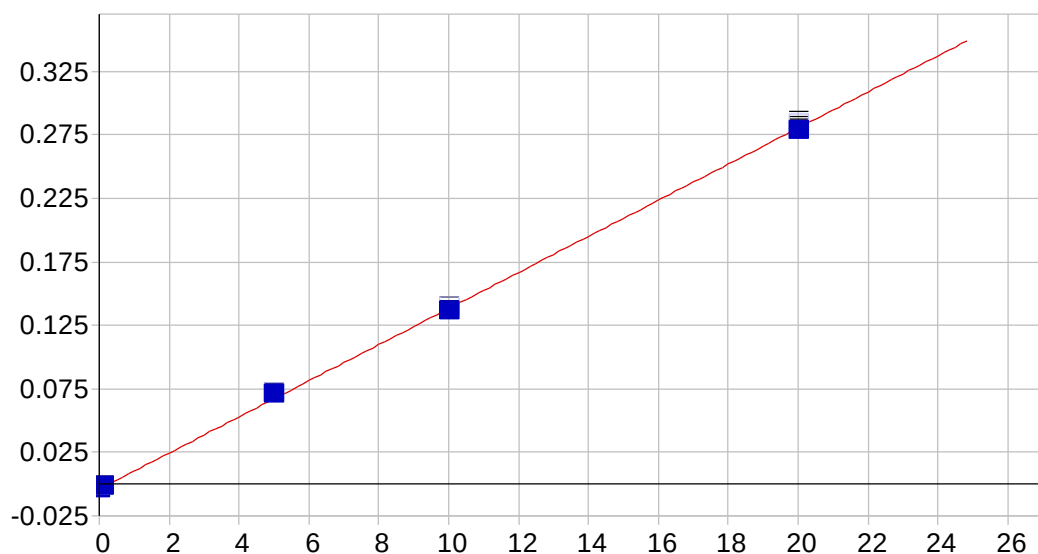
Date of Fit: 7/10/2017 11:48:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000500 Re-Slope: 1.000000  
 A1 (Gain): 0.110048 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999950 Status: OK.  
 Std Error of Est: 0.000027  
 Predicted MDL: 0.003121  
 Predicted MQL: 0.010402

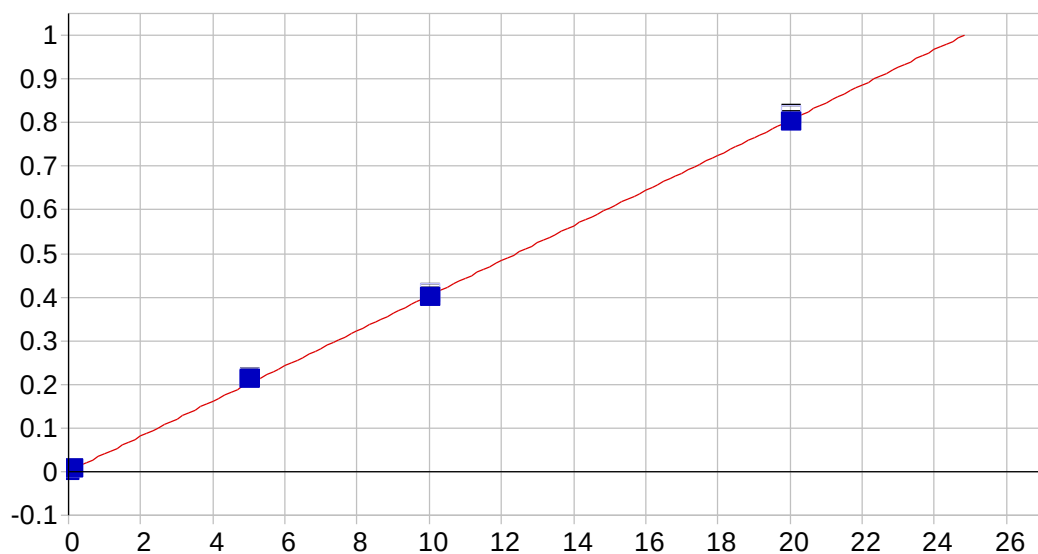
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00050 | .000    | 1        |
| S1        | .02000       | .02165      | .002       | 8.24    | .00288 | .000    | 1        |
| S3        | 2.5000       | 2.5327      | .033       | 1.31    | .27938 | .001    | 1        |
| S4        | 5.0000       | 5.0495      | .050       | .991    | .55651 | .001    | 1        |
| S5        | 10.000       | 9.9161      | -.084      | -.839   | 1.0924 | .000    | 1        |

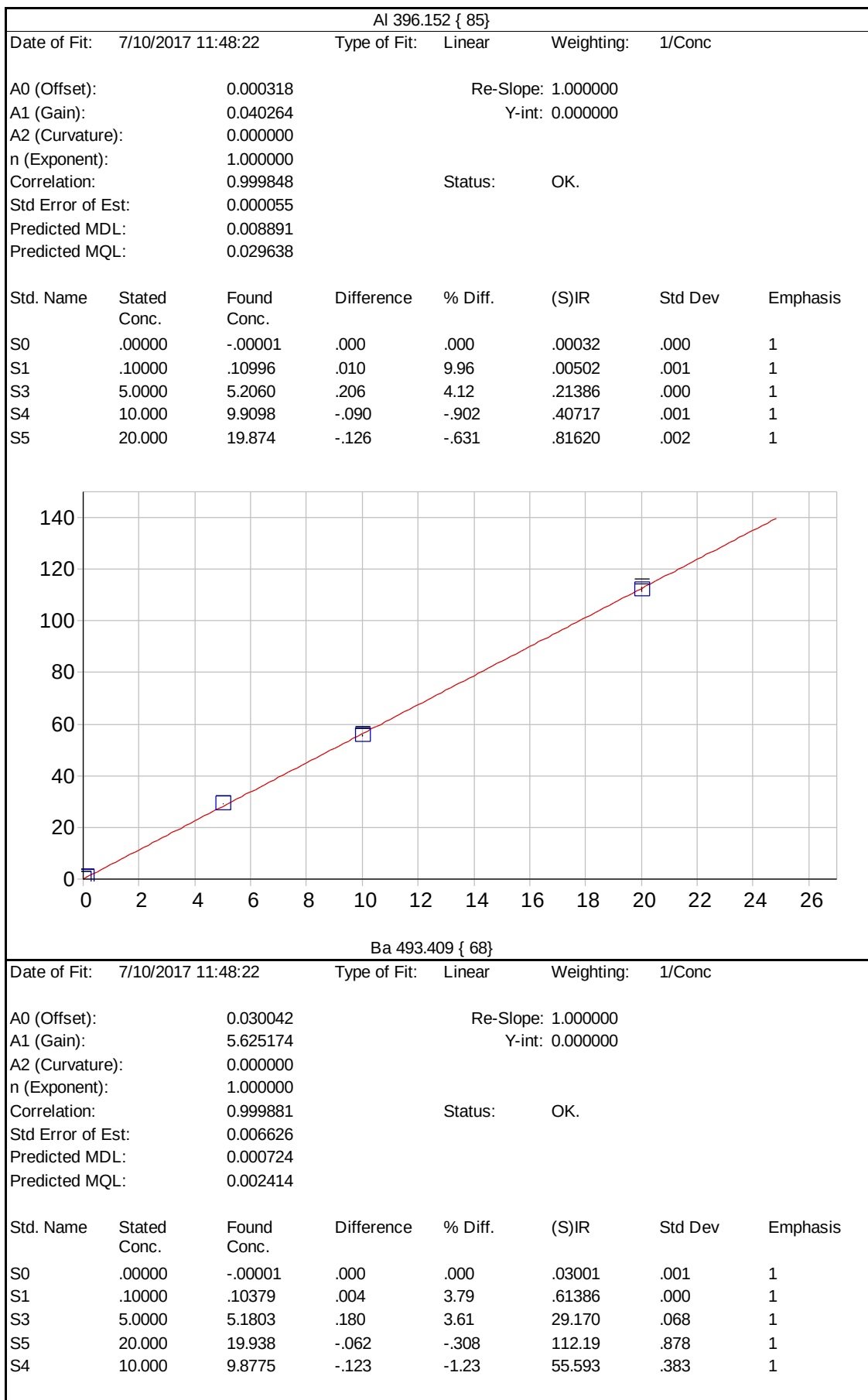


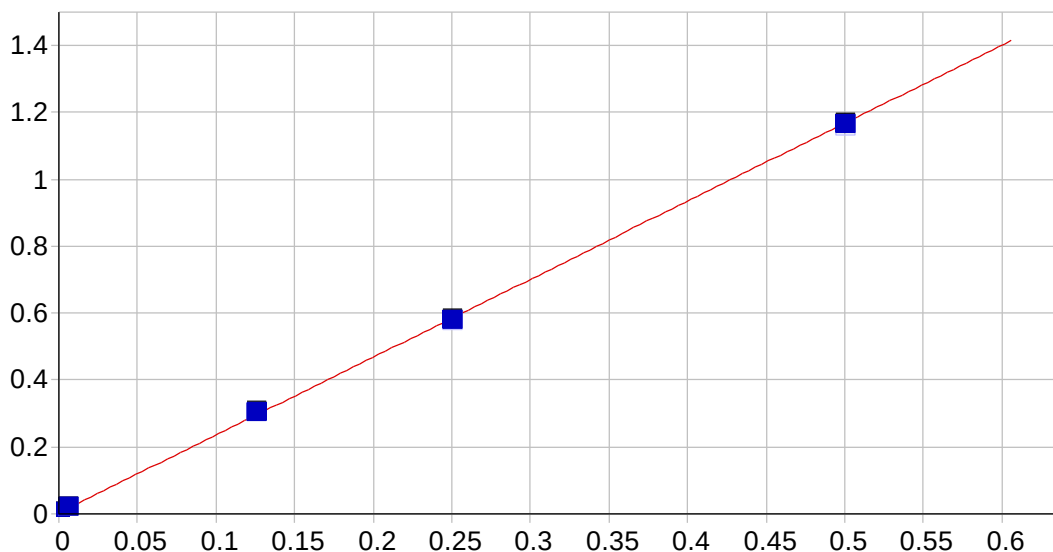




| AI 309.271 {109}                |              |                     |            |                    |         |         |          |
|---------------------------------|--------------|---------------------|------------|--------------------|---------|---------|----------|
| Date of Fit: 7/10/2017 11:48:22 |              | Type of Fit: Linear |            | Weighting: 1/Conc  |         |         |          |
| A0 (Offset):                    |              | -0.003953           |            | Re-Slope: 1.000000 |         |         |          |
| A1 (Gain):                      |              | 0.014211            |            | Y-int: 0.000000    |         |         |          |
| A2 (Curvature):                 |              | 0.000000            |            |                    |         |         |          |
| n (Exponent):                   |              | 1.000000            |            |                    |         |         |          |
| Correlation:                    |              | 0.999629            |            | Status: OK.        |         |         |          |
| Std Error of Est:               |              | 0.000030            |            |                    |         |         |          |
| Predicted MDL:                  |              | 0.017912            |            |                    |         |         |          |
| Predicted MQL:                  |              | 0.059708            |            |                    |         |         |          |
|                                 |              |                     |            |                    |         |         |          |
| Std. Name                       | Stated Conc. | Found Conc.         | Difference | % Diff.            | (S)IR   | Std Dev | Emphasis |
| S0                              | .00000       | -.00004             | .000       | .000               | -.00395 | .000    | 1        |
| S1                              | .10000       | .13685              | .037       | 36.8               | -.00191 | .000    | 1        |
| S3                              | 5.0000       | 5.2341              | .234       | 4.68               | .07181  | .000    | 1        |
| S4                              | 10.000       | 9.8885              | -.112      | -1.12              | .13934  | .000    | 1        |
| S5                              | 20.000       | 19.839              | -.161      | -.806              | .28352  | .002    | 1        |





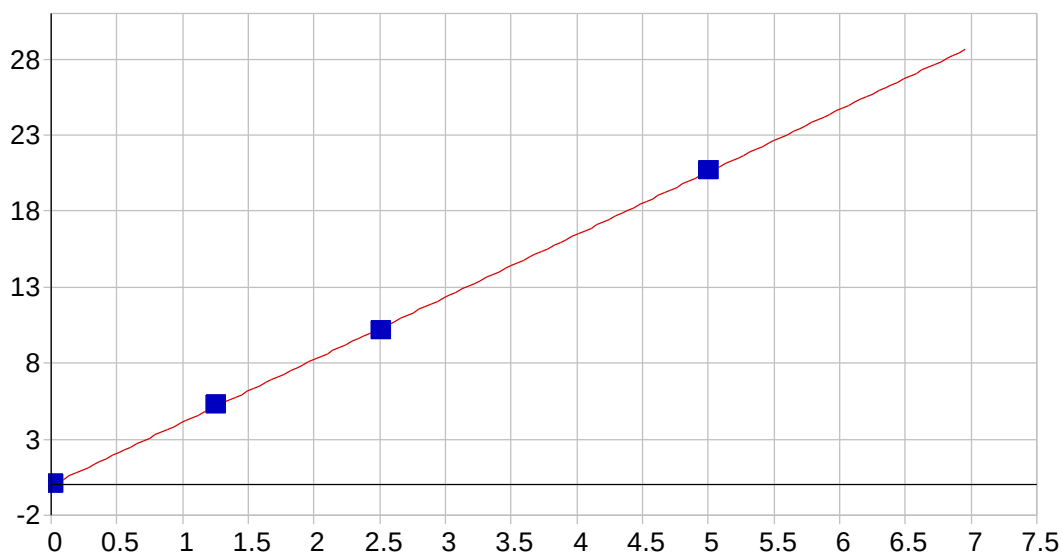


Be 234.861 {144}

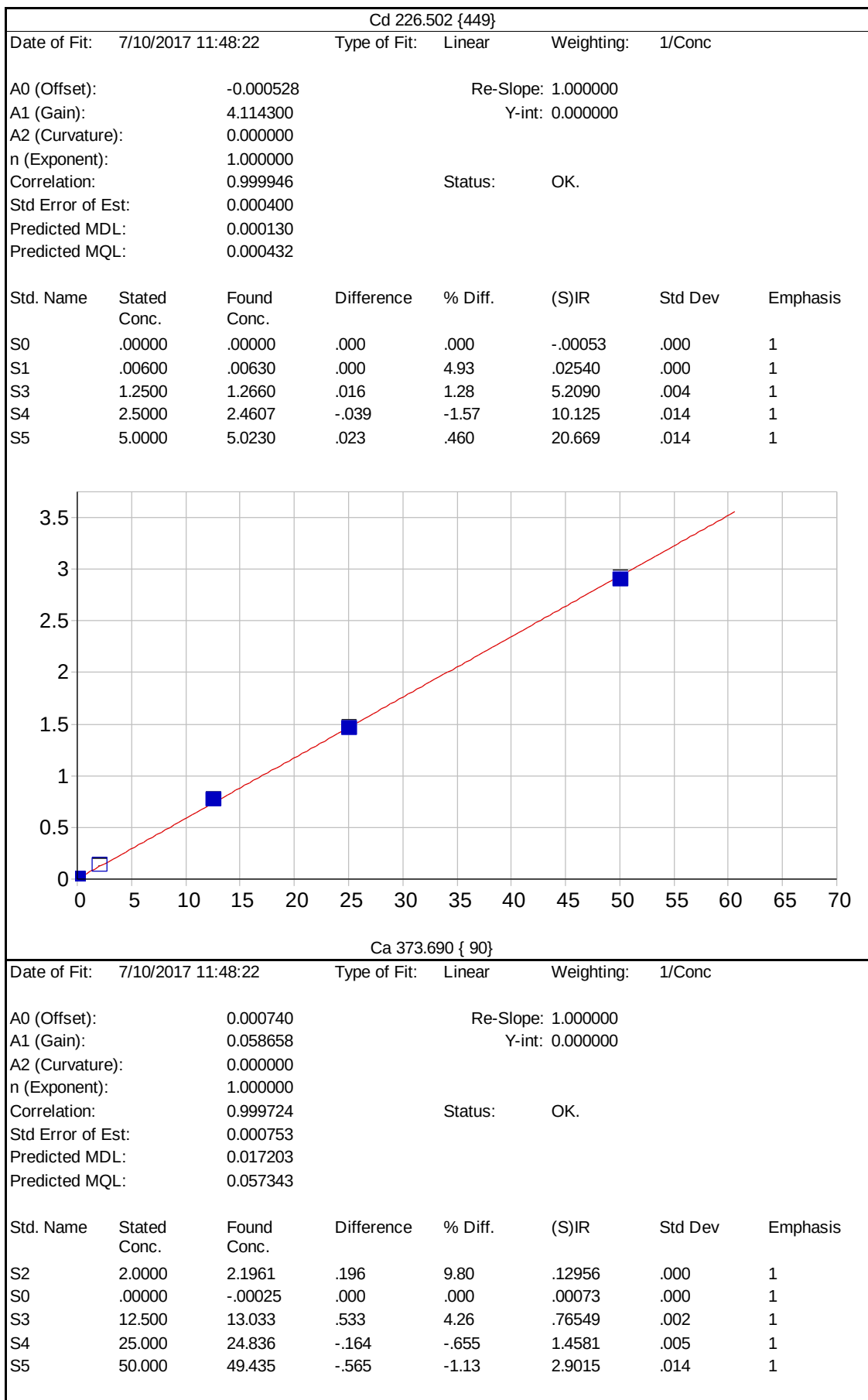
Date of Fit: 7/10/2017 11:48:22 Type of Fit: Linear Weighting: 1/Conc

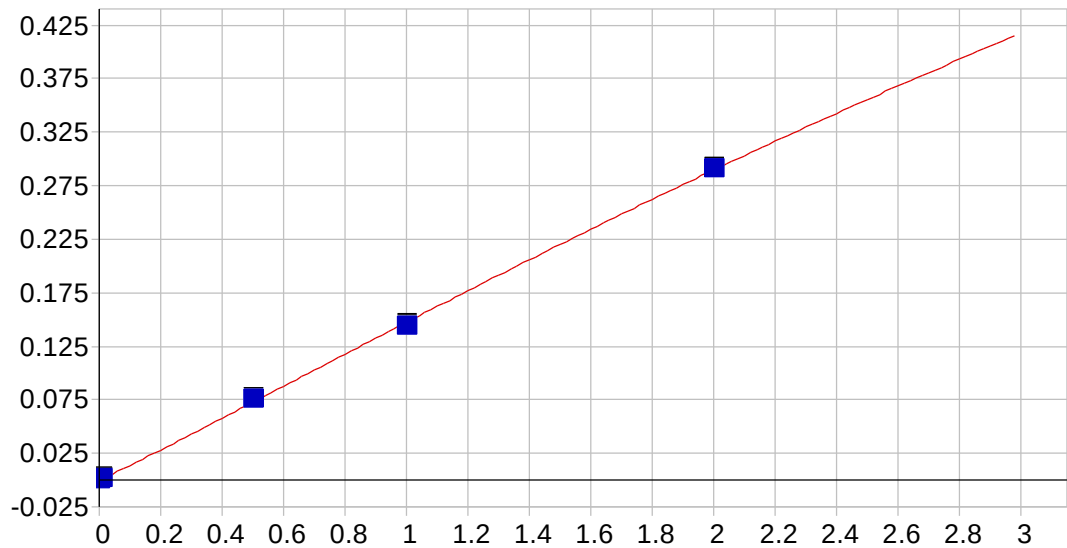
A0 (Offset): 0.003373 Re-Slope: 1.000000  
 A1 (Gain): 2.328030 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999863 Status: OK.  
 Std Error of Est: 0.000114  
 Predicted MDL: 0.000190  
 Predicted MQL: 0.000633

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00337 | .000    | 1        |
| S1        | .00600       | .00649      | .000       | 8.22    | .01835 | .000    | 1        |
| S3        | .12500       | .12920      | .004       | 3.36    | .30225 | .000    | 1        |
| S4        | .25000       | .24628      | -.004      | -1.49   | .57290 | .003    | 1        |
| S5        | .50000       | .49902      | -.001      | -.196   | 1.1575 | .000    | 1        |







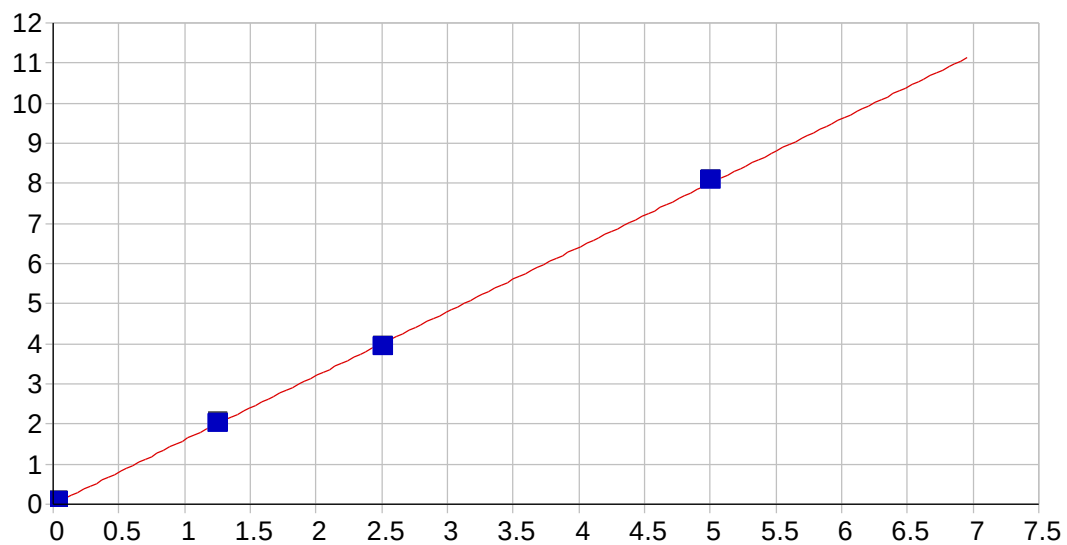


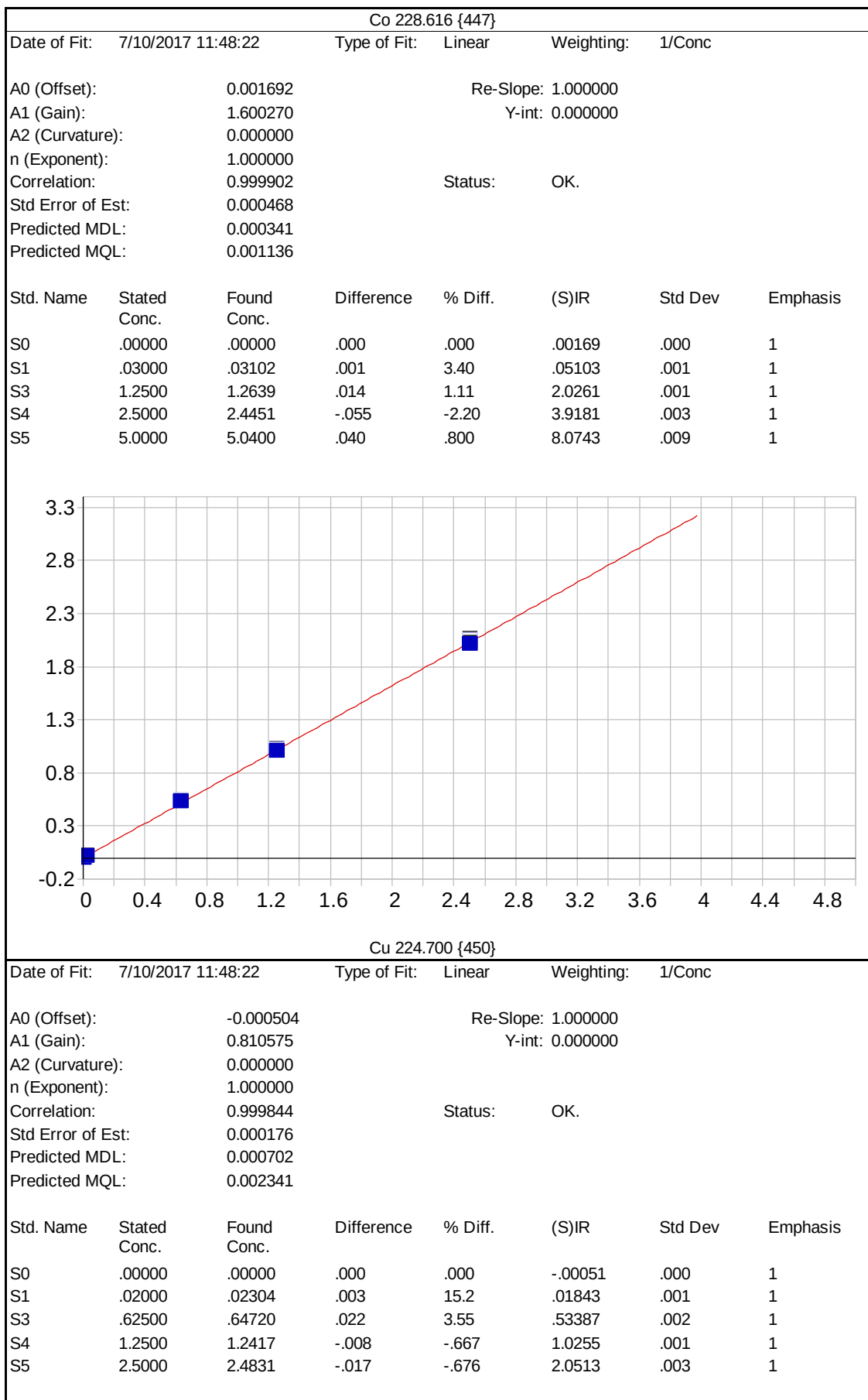
Cr 267.716 {126}

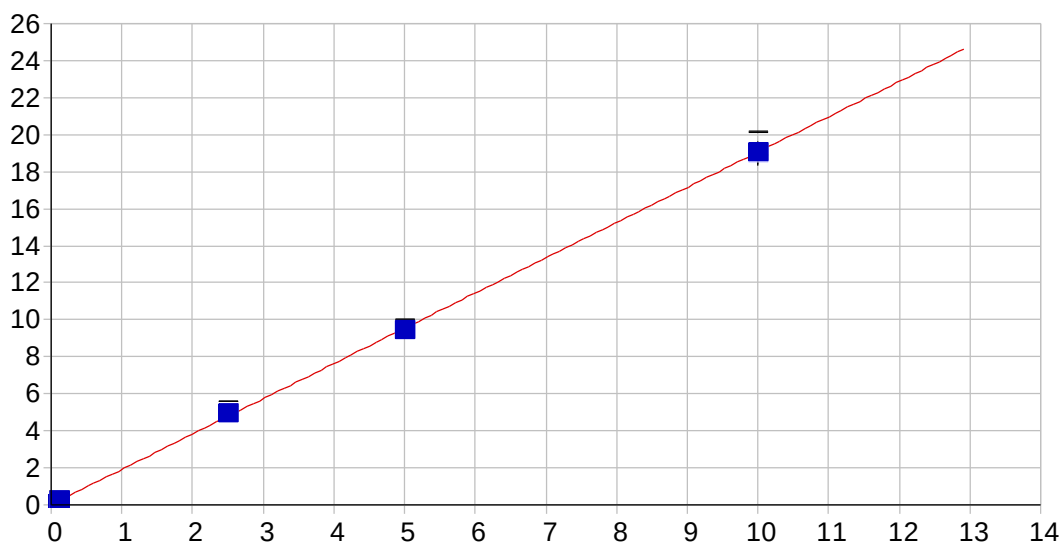
Date of Fit: 7/10/2017 11:48:22 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): 0.000165 Re-Slope: 1.000000  
 A1 (Gain): 0.155034 Y-int: 0.000000  
 A2 (Curvature): -0.007785  
 n (Exponent): 1.060000  
 Correlation: 0.999738 Status: OK.  
 Std Error of Est: 0.000044  
 Predicted MDL: 0.003618  
 Predicted MQL: 0.012061

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00017 | .001    | 1        |
| S1        | .01000       | .00738      | -.003      | -26.2   | .00102 | .002    | 1        |
| S3        | .50000       | .51867      | .019       | 3.73    | .07562 | .001    | 1        |
| S4        | 1.0000       | .97630      | -.024      | -2.37   | .14408 | .001    | 1        |
| S5        | 2.0000       | 2.0075      | .008       | .377    | .29092 | .001    | 1        |





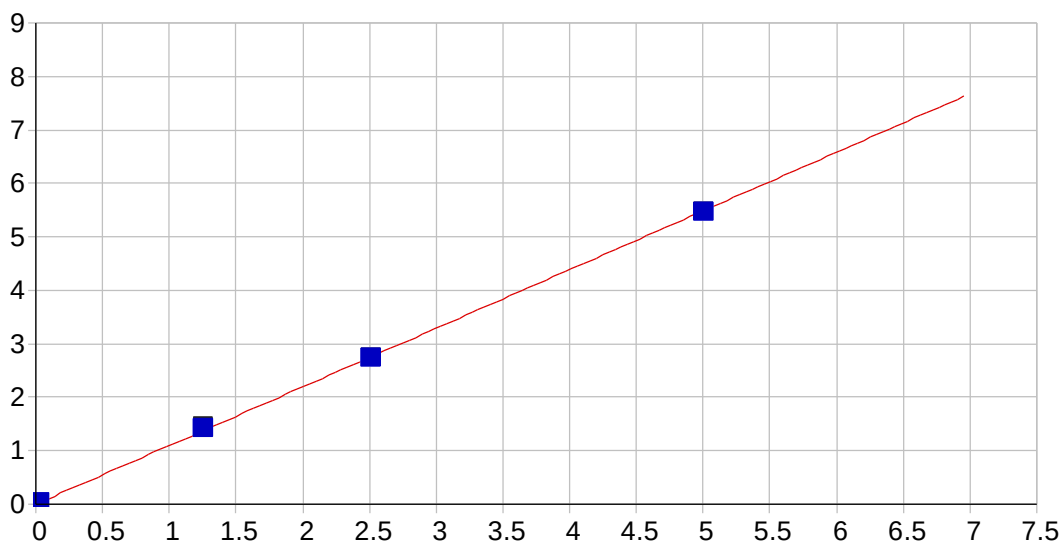


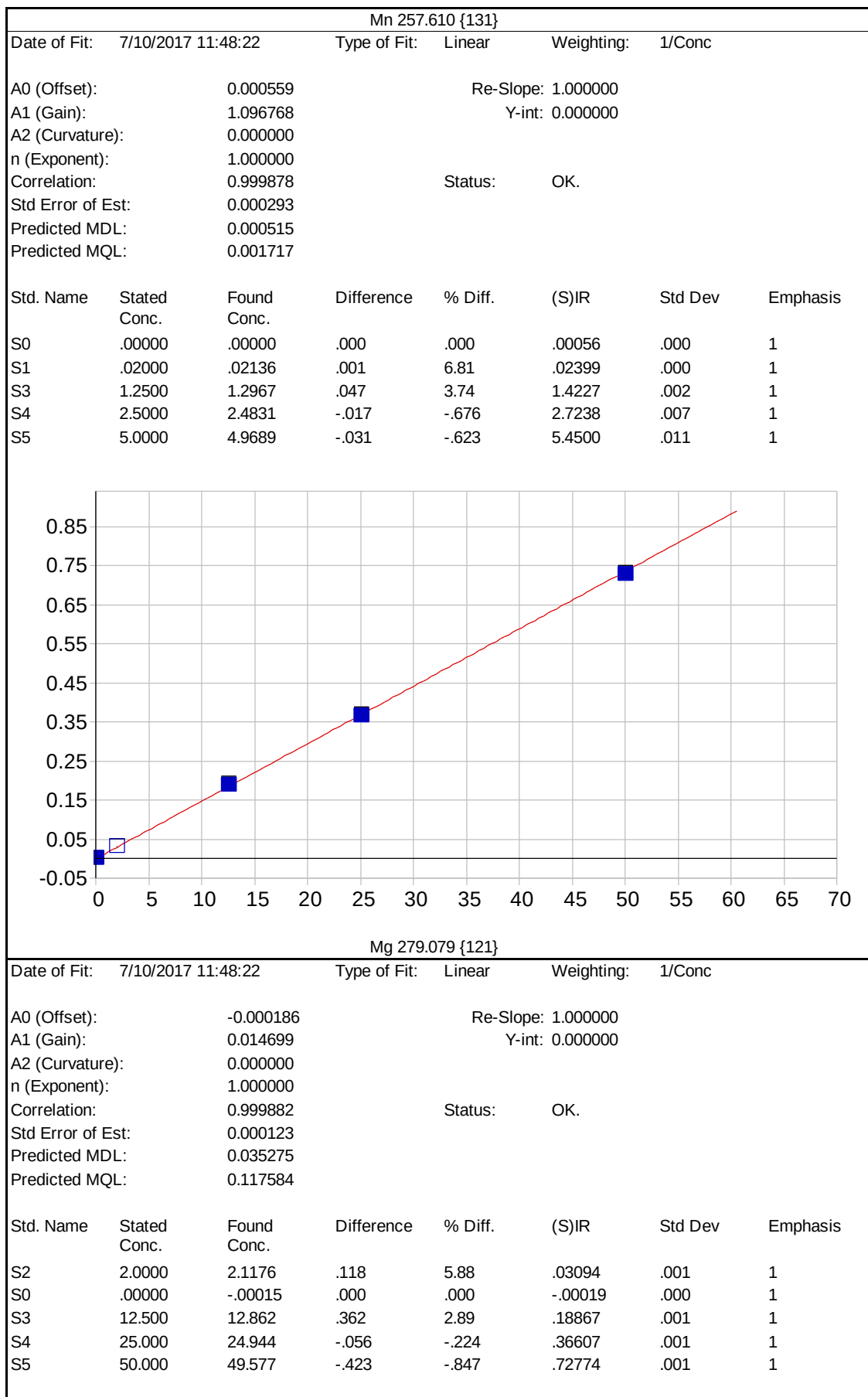
Fe 240.488 {140}

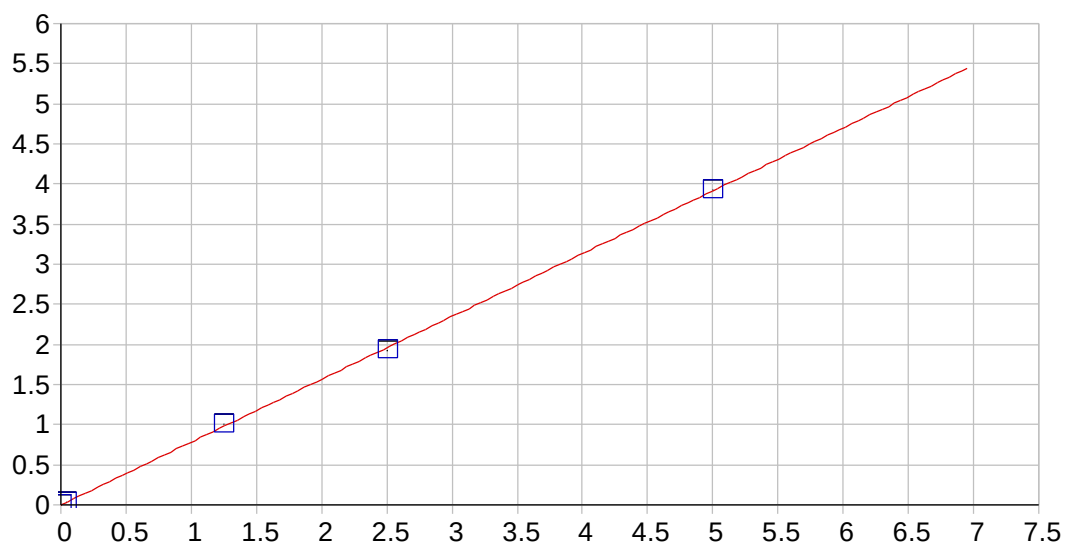
Date of Fit: 7/10/2017 11:48:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.014564 Re-Slope: 1.000000  
 A1 (Gain): 1.904759 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999844 Status: OK.  
 Std Error of Est: 0.001816  
 Predicted MDL: 0.008780  
 Predicted MQL: 0.029268

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00002     | .000       | .000    | .01453 | .011    | 1        |
| S1        | .10000       | .11328      | .013       | 13.3    | .23011 | .005    | 1        |
| S3        | 2.5000       | 2.5846      | .085       | 3.38    | 4.9290 | .142    | 1        |
| S4        | 5.0000       | 4.9418      | -.058      | -1.16   | 9.4103 | .033    | 1        |
| S5        | 10.000       | 9.9603      | -.040      | -.397   | 18.952 | .625    | 1        |





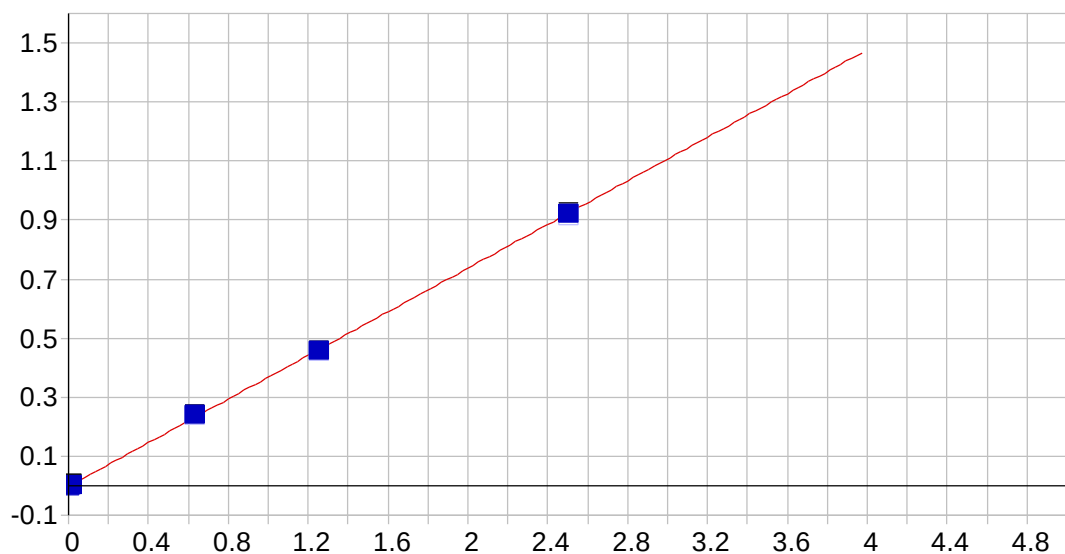


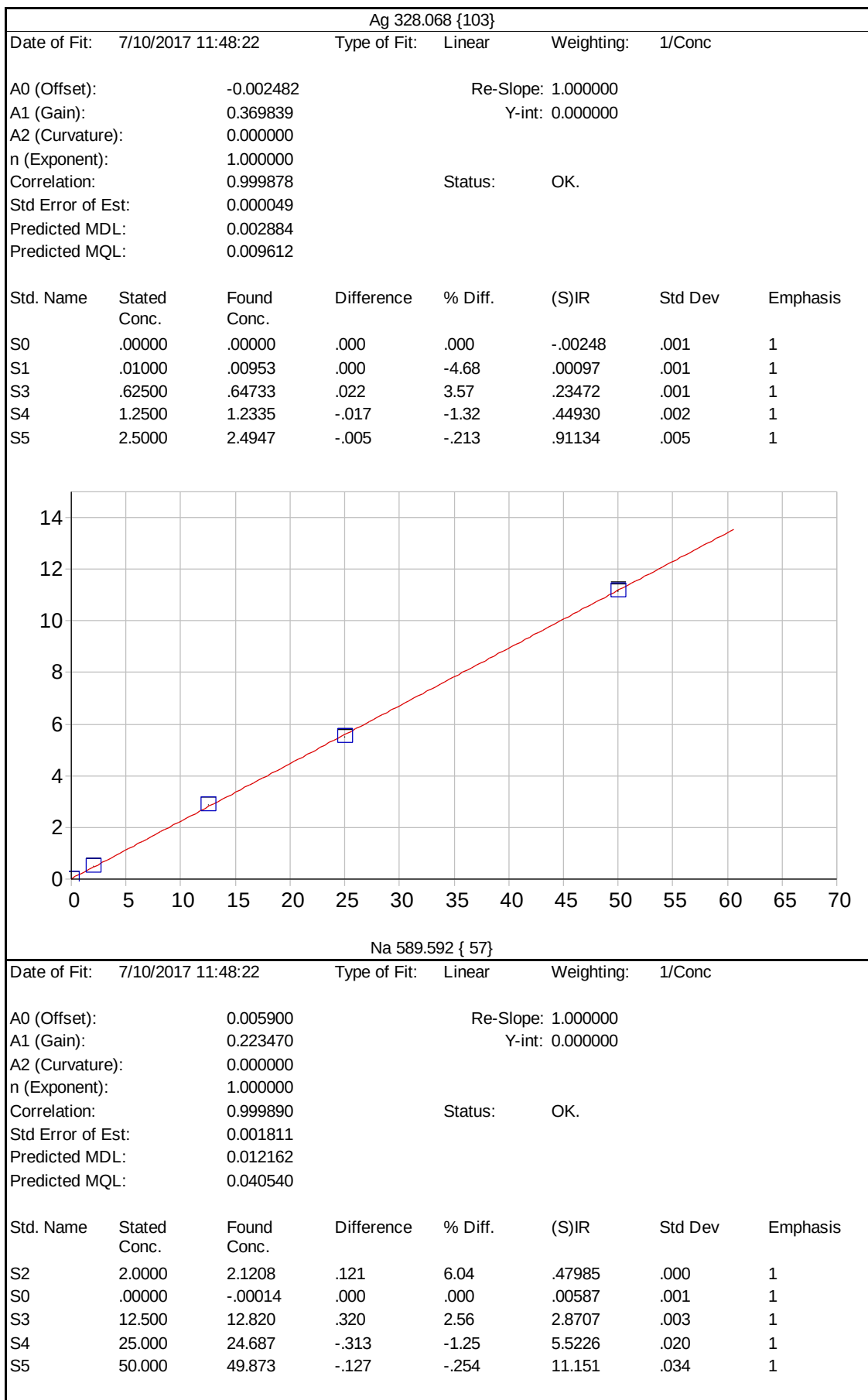
Ni 231.604 {445}

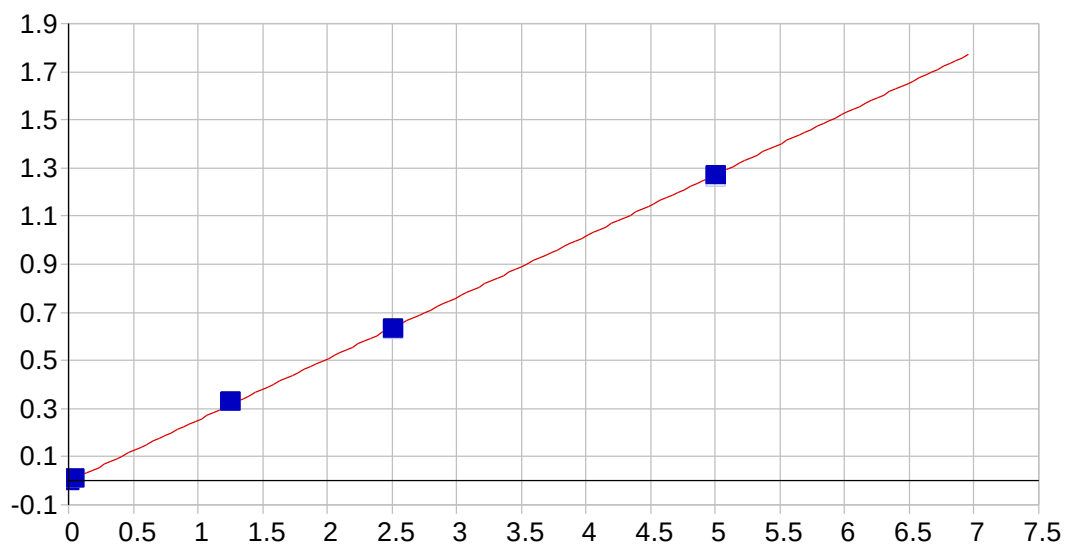
Date of Fit: 7/10/2017 11:48:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000291 Re-Slope: 1.000000  
 A1 (Gain): 0.783021 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999921 Status: OK.  
 Std Error of Est: 0.000238  
 Predicted MDL: 0.000603  
 Predicted MQL: 0.002009

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00029 | .000    | 1        |
| S1        | .04000       | .04096      | .001       | 2.41    | .03237 | .000    | 1        |
| S3        | 1.2500       | 1.2768      | .027       | 2.15    | 1.0001 | .001    | 1        |
| S4        | 2.5000       | 2.4569      | -.043      | -1.72   | 1.9241 | .004    | 1        |
| S5        | 5.0000       | 5.0153      | .015       | .306    | 3.9274 | .002    | 1        |







V 292.402 {115}

Date of Fit: 7/10/2017 11:48:22

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.002889

Re-Slope: 1.000000

A1 (Gain): 0.255016

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999911

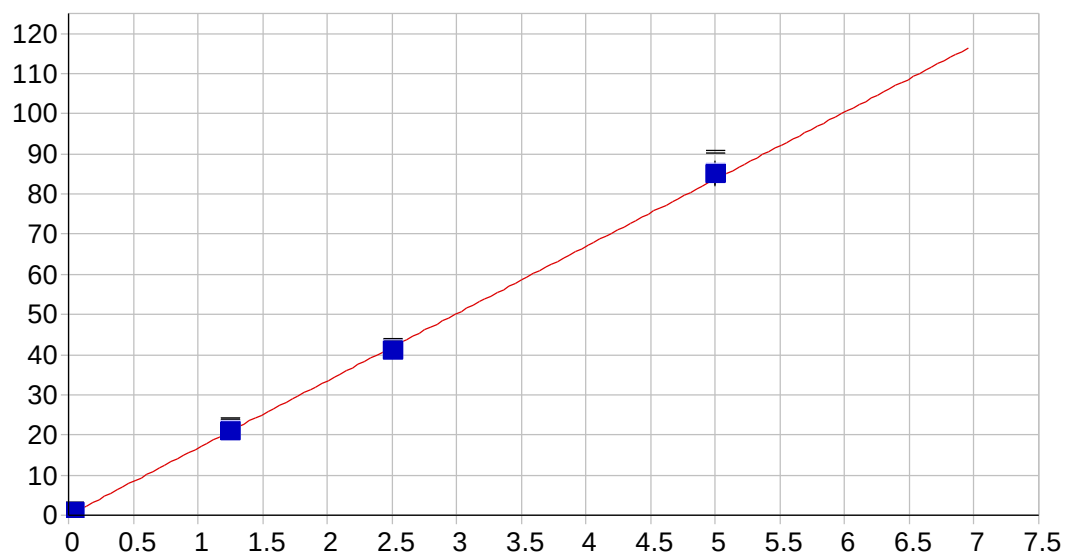
Status: OK.

Std Error of Est: 0.000082

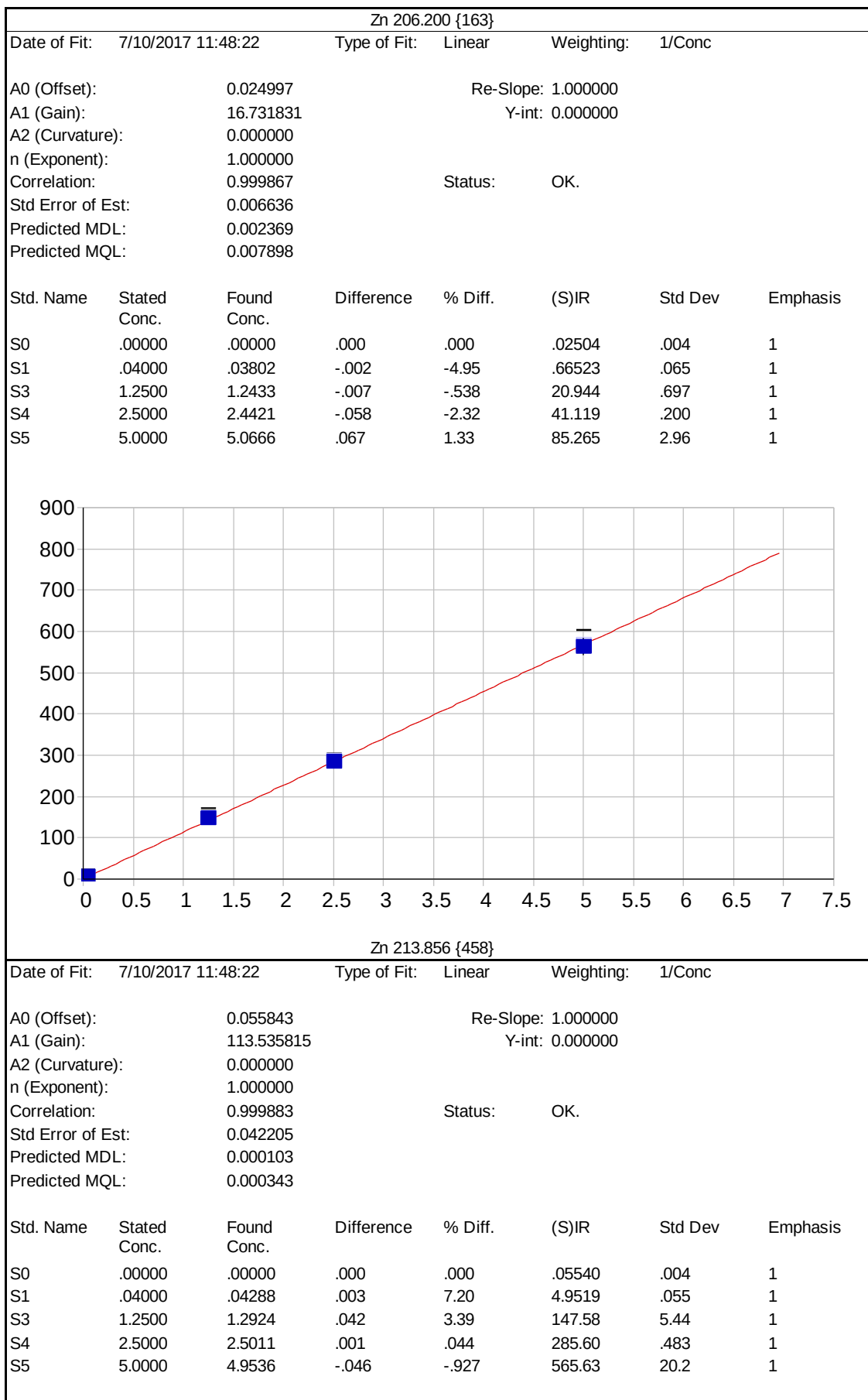
Predicted MDL: 0.003117

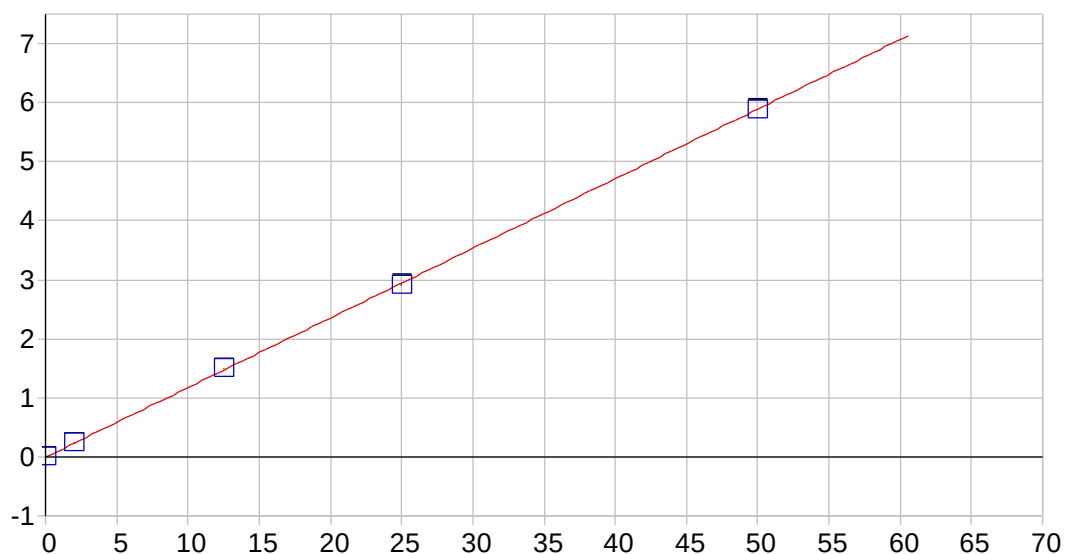
Predicted MQL: 0.010391

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00289 | .000    | 1        |
| S1        | .04000       | .03992      | .000       | -.202   | .00713  | .000    | 1        |
| S3        | 1.2500       | 1.2904      | .040       | 3.23    | .32412  | .001    | 1        |
| S4        | 2.5000       | 2.4811      | -.019      | -.755   | .62574  | .000    | 1        |
| S5        | 5.0000       | 4.9786      | -.021      | -.428   | 1.2585  | .001    | 1        |









K 766.490 { 44}

Date of Fit: 7/10/2017 11:48:22

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.006700

Re-Slope: 1.000000

A1 (Gain): 0.117949

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999928

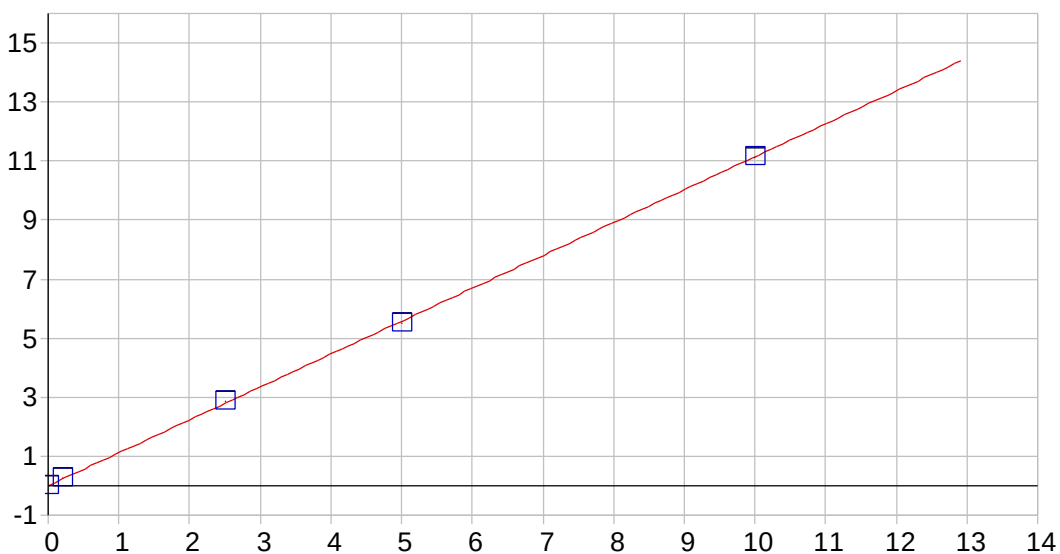
Status: OK.

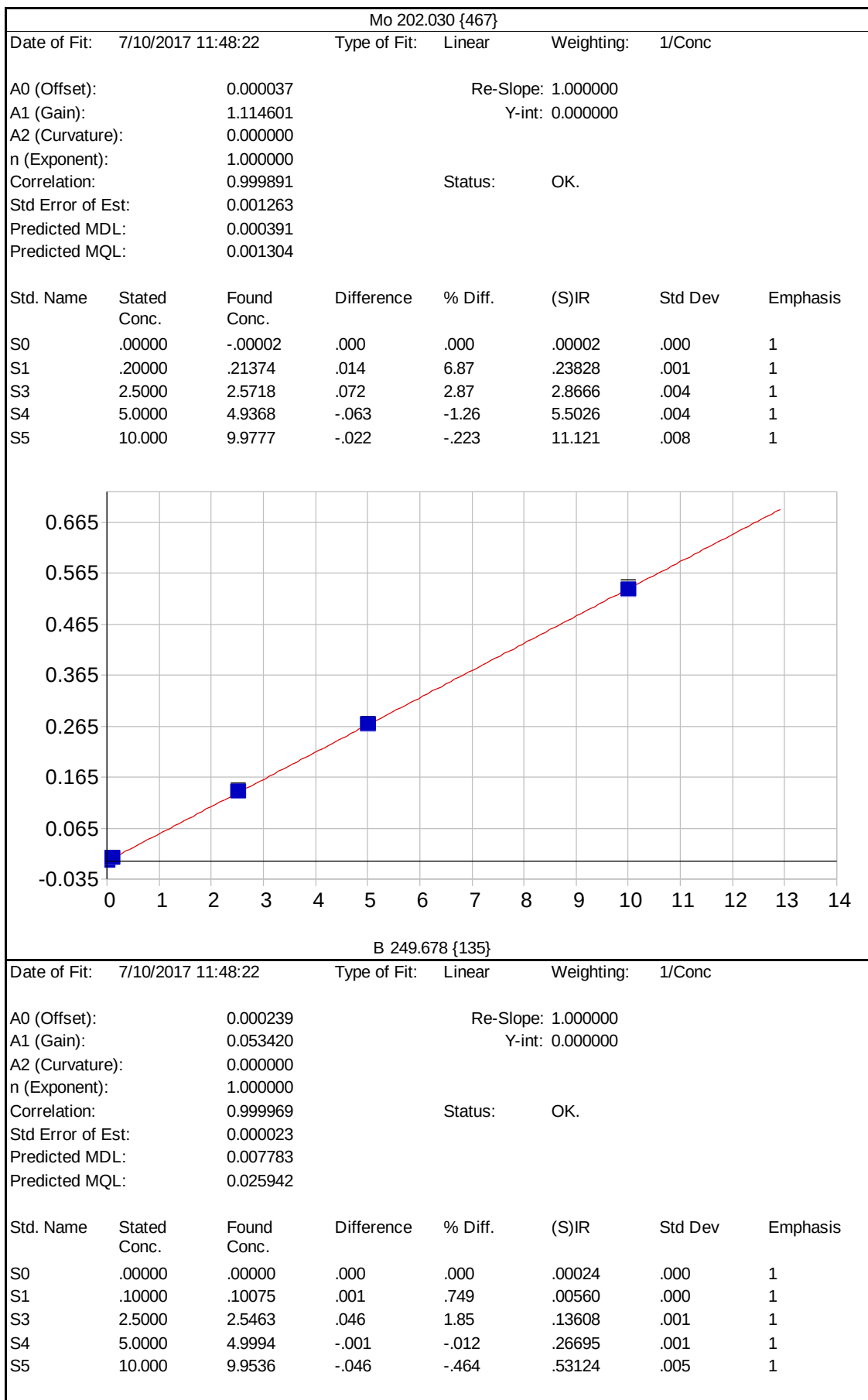
Std Error of Est: 0.000773

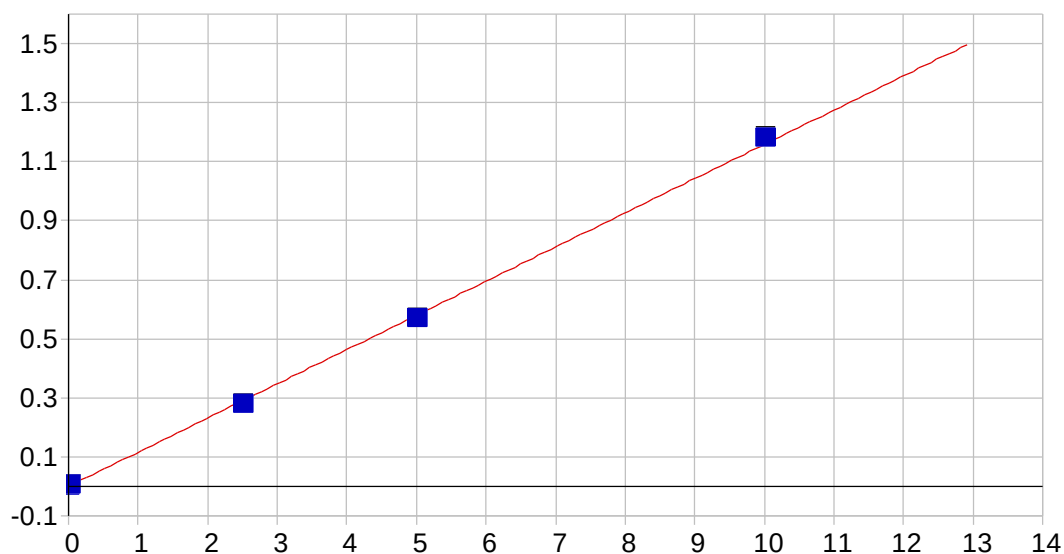
Predicted MDL: 0.031091

Predicted MQL: 0.103636

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S2        | 2.0000       | 2.1025      | .103       | 5.13    | .24129  | .004    | 1        |
| S0        | .00000       | -.00012     | .000       | .000    | -.00671 | .002    | 1        |
| S3        | 12.500       | 12.750      | .250       | 2.00    | 1.4972  | .003    | 1        |
| S4        | 25.000       | 24.756      | -.244      | -.976   | 2.9132  | .005    | 1        |
| S5        | 50.000       | 49.891      | -.109      | -.217   | 5.8779  | .012    | 1        |







S 182.034 {485}

Date of Fit: 7/10/2017 11:48:22

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000280

Re-Slope: 1.000000

A1 (Gain): 0.115892

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999750

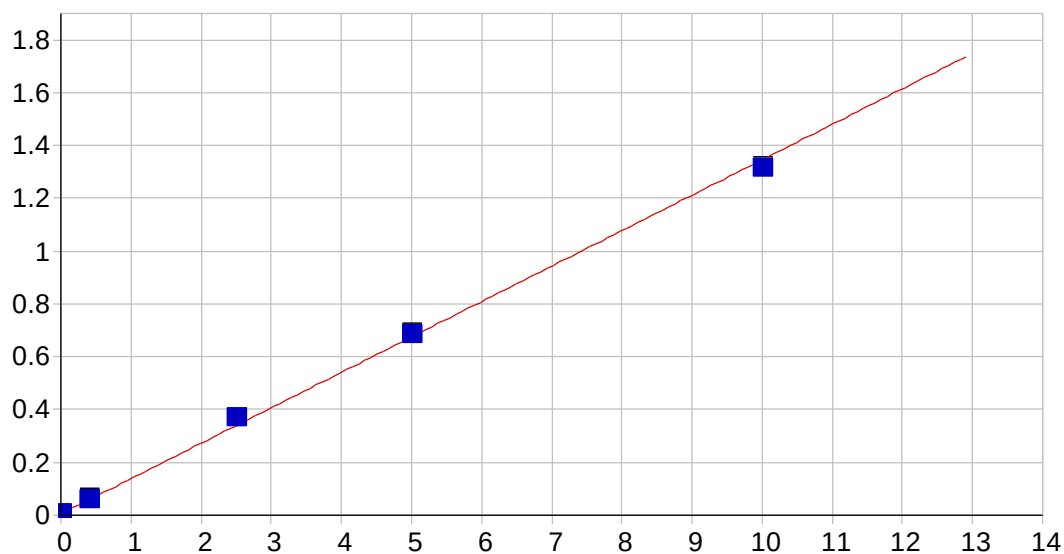
Status: OK.

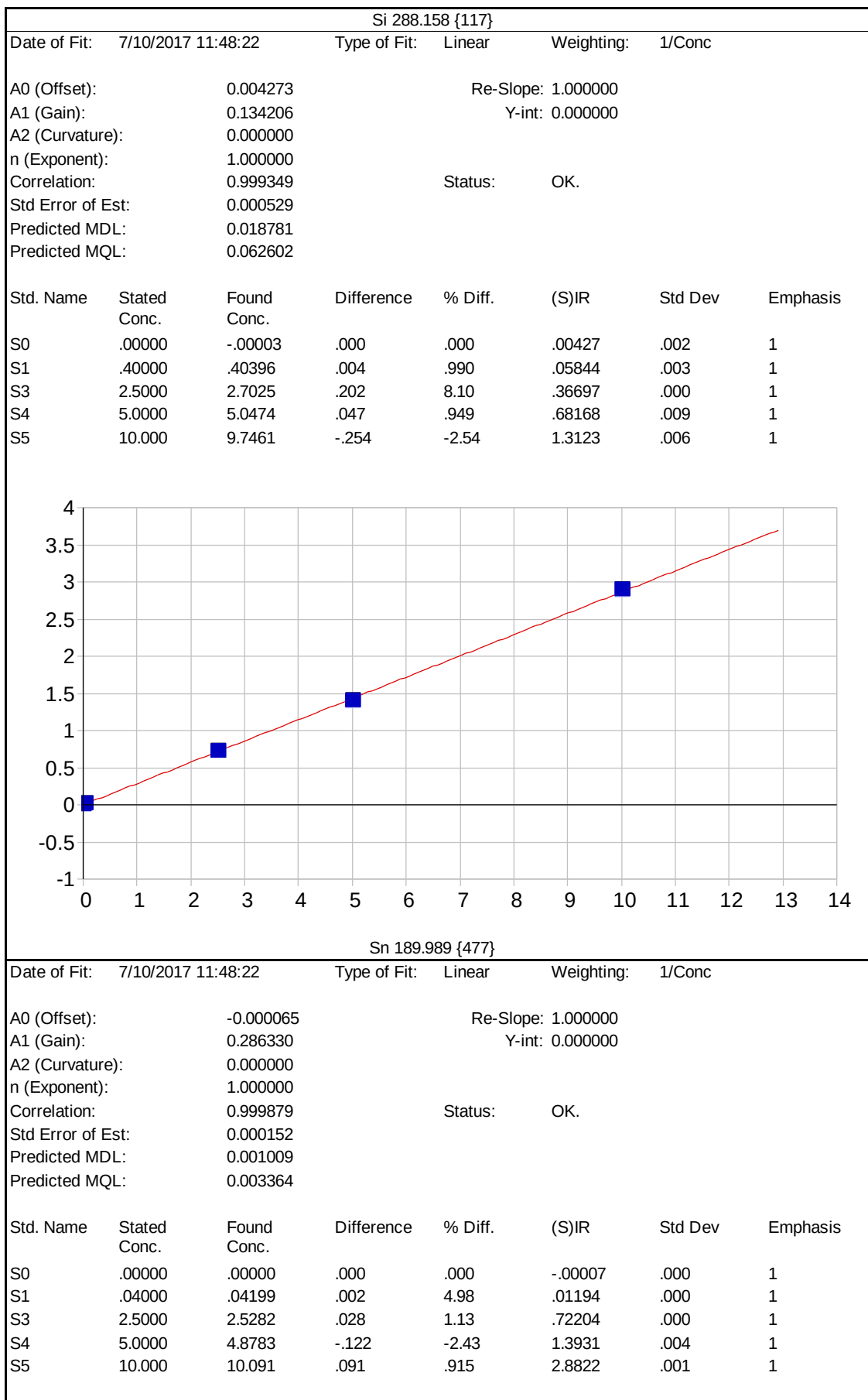
Std Error of Est: 0.000062

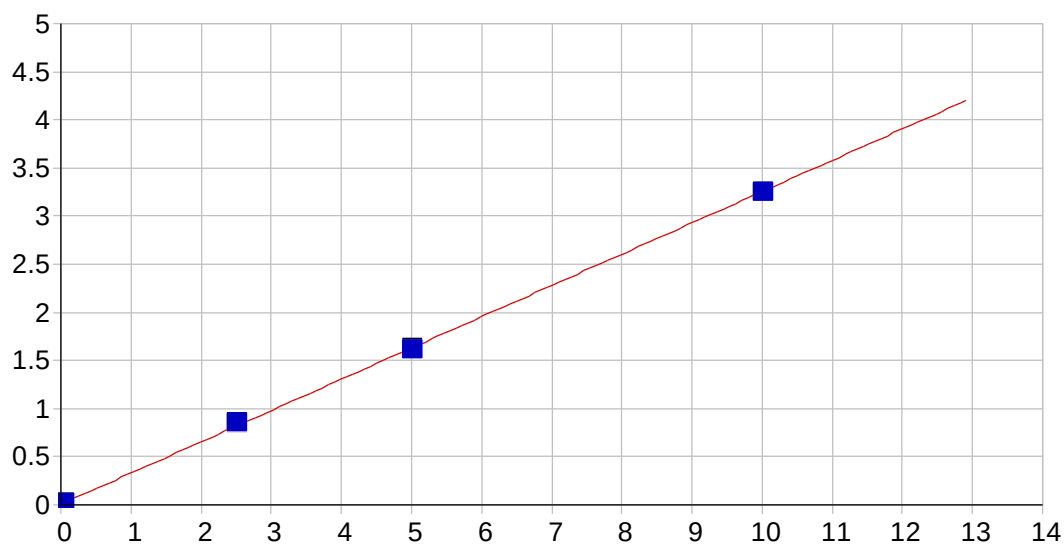
Predicted MDL: 0.002530

Predicted MQL: 0.008432

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00028 | .000    | 1        |
| S1        | .02000       | .02102      | .001       | 5.10    | .00209  | .000    | 1        |
| S3        | 2.5000       | 2.4090      | -.091      | -3.64   | .27833  | .000    | 1        |
| S4        | 5.0000       | 4.9032      | -.097      | -1.94   | .56682  | .000    | 1        |
| S5        | 10.000       | 10.187      | .187       | 1.87    | 1.1780  | .002    | 1        |







Ti 336.121 {100}

Date of Fit: 7/10/2017 11:48:22

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.004731

Re-Slope: 1.000000

A1 (Gain): 0.325006

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999892

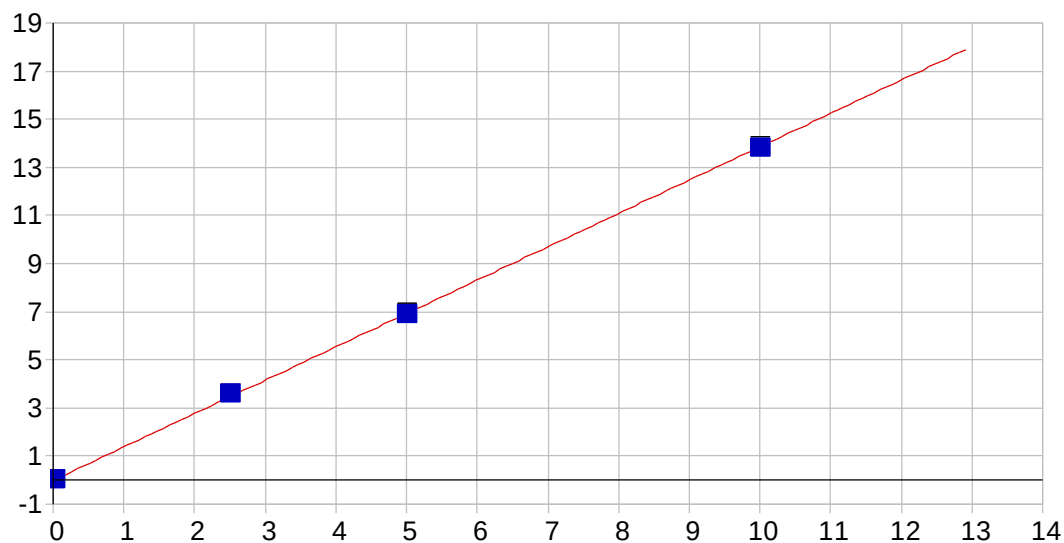
Status: OK.

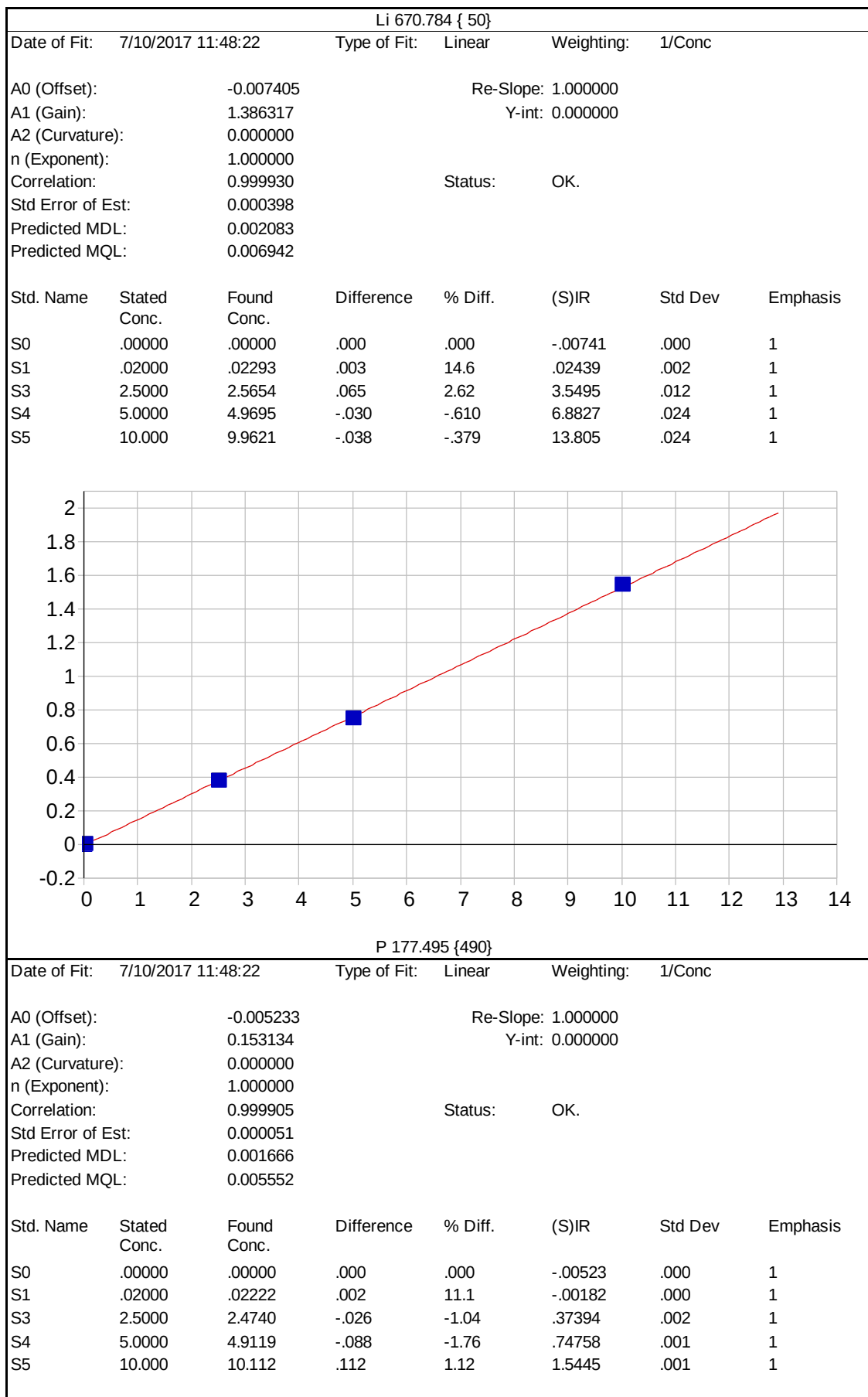
Std Error of Est: 0.000163

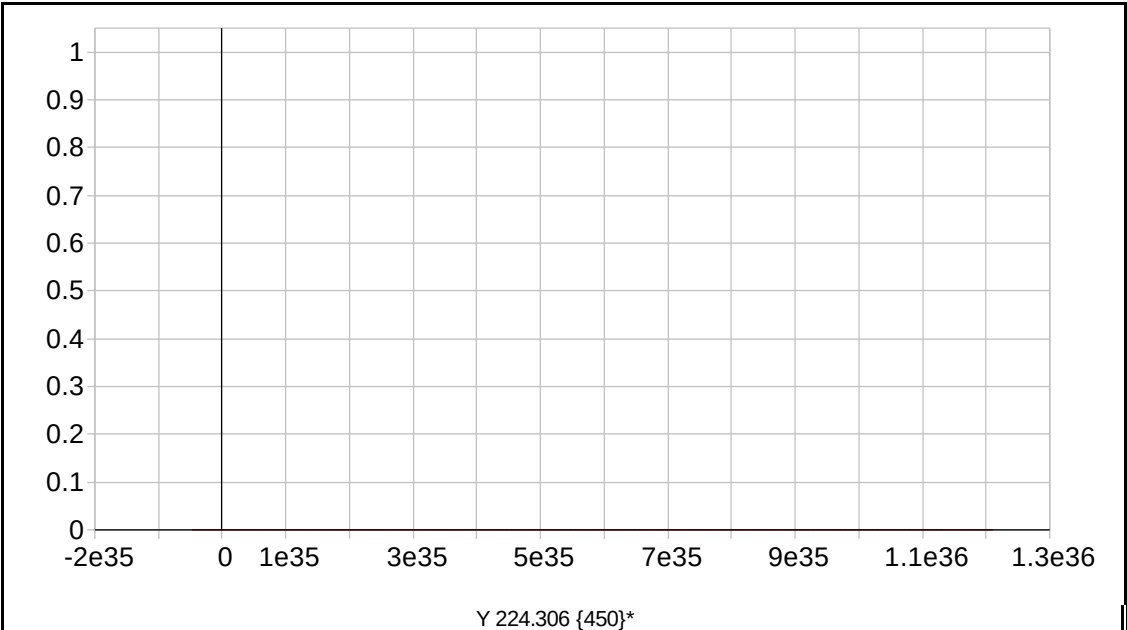
Predicted MDL: 0.002152

Predicted MQL: 0.007172

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00473 | .000    | 1        |
| S1        | .04000       | .04401      | .004       | 10.0    | .01902 | .000    | 1        |
| S3        | 2.5000       | 2.5837      | .084       | 3.35    | .84408 | .002    | 1        |
| S4        | 5.0000       | 4.9544      | -.046      | -.912   | 1.6142 | .007    | 1        |
| S5        | 10.000       | 9.9579      | -.042      | -.421   | 3.2396 | .006    | 1        |



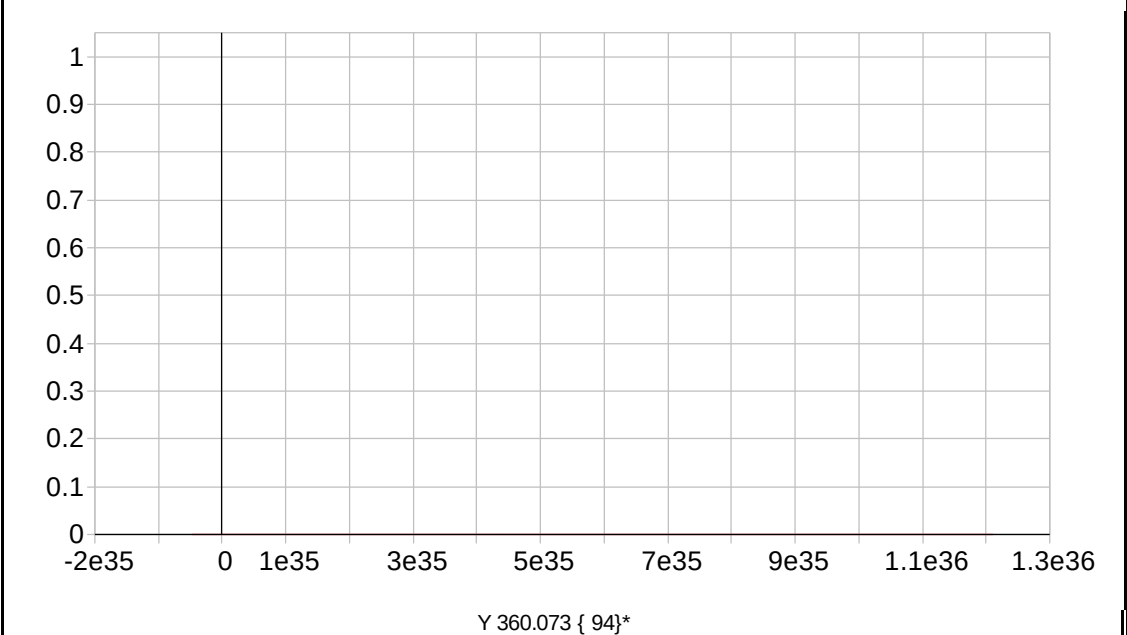




Date of Fit: <not fit>      Type of Fit: Linear      Weighting: 1/Conc

A0 (Offset): 0.000000      Re-Slope: 1.000000  
A1 (Gain): 0.000000      Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.000000      Status: Warning      Zero Gain  
Std Error of Est: 0.000000  
Predicted MDL: n/a  
Predicted MQL: n/a

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|-------|---------|----------|
|-----------|--------------|-------------|------------|---------|-------|---------|----------|



Date of Fit: <not fit>      Type of Fit: Linear      Weighting: 1/Conc

A0 (Offset): 0.000000      Re-Slope: 1.000000  
A1 (Gain): 0.000000      Y-int: 0.000000



Status:      Warning      Zero Gain

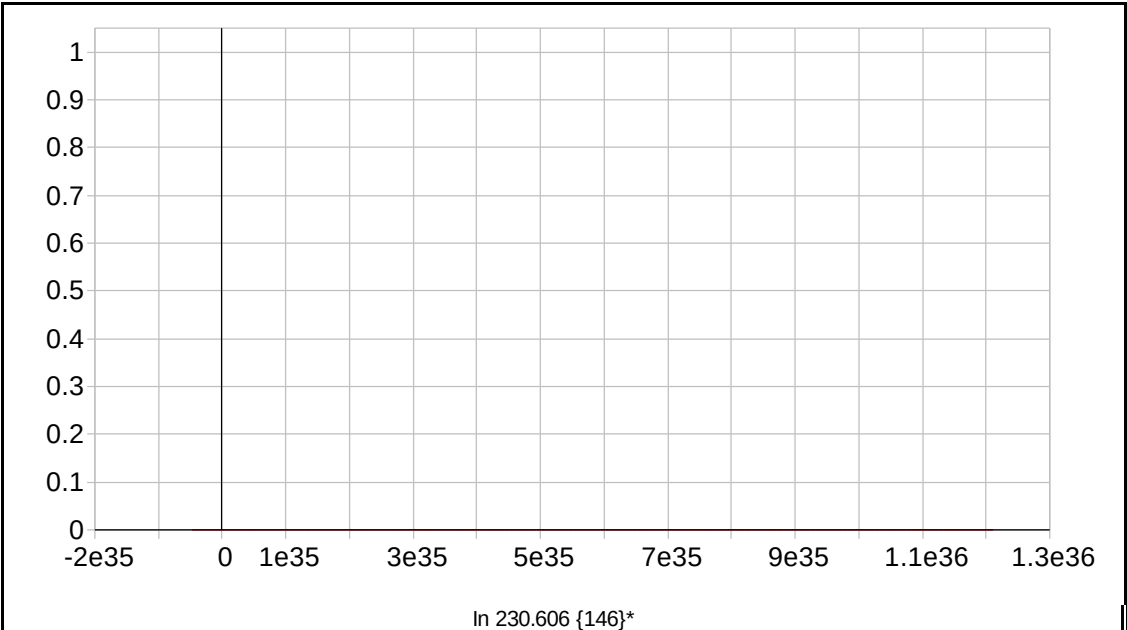
The figure shows a blank coordinate system. The x-axis is labeled with values: -2e35, 0, 1e35, 3e35, 5e35, 7e35, 9e35, 1.1e36, and 1.3e36. The y-axis is labeled with values from 0 to 1 in increments of 0.1. A vertical line is drawn at x=0, and a horizontal line is drawn at y=0. The grid consists of 10 major squares along the x-axis and 10 major squares along the y-axis.

|              |           |              |        |            |        |
|--------------|-----------|--------------|--------|------------|--------|
| Date of Fit: | <not fit> | Type of Fit: | Linear | Weighting: | 1/Conc |
|--------------|-----------|--------------|--------|------------|--------|

Re-Slope: 1.000000  
Y-int: 0.000000

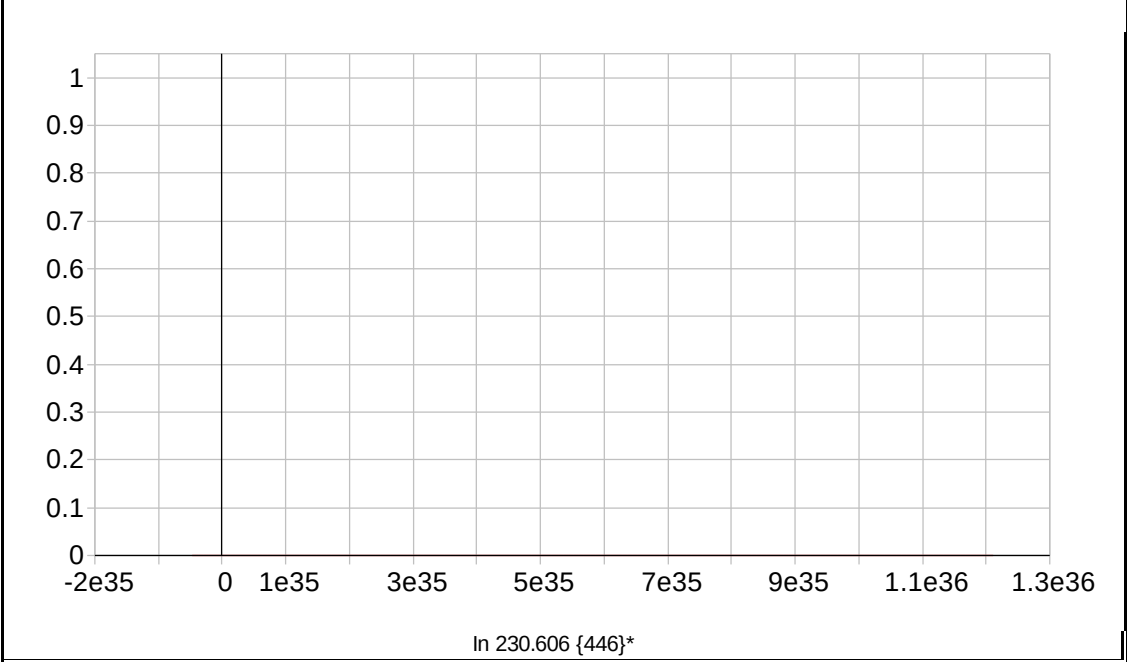
Status:      Warning      Zero Gain

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|-------|---------|----------|
|-----------|--------------|-------------|------------|---------|-------|---------|----------|

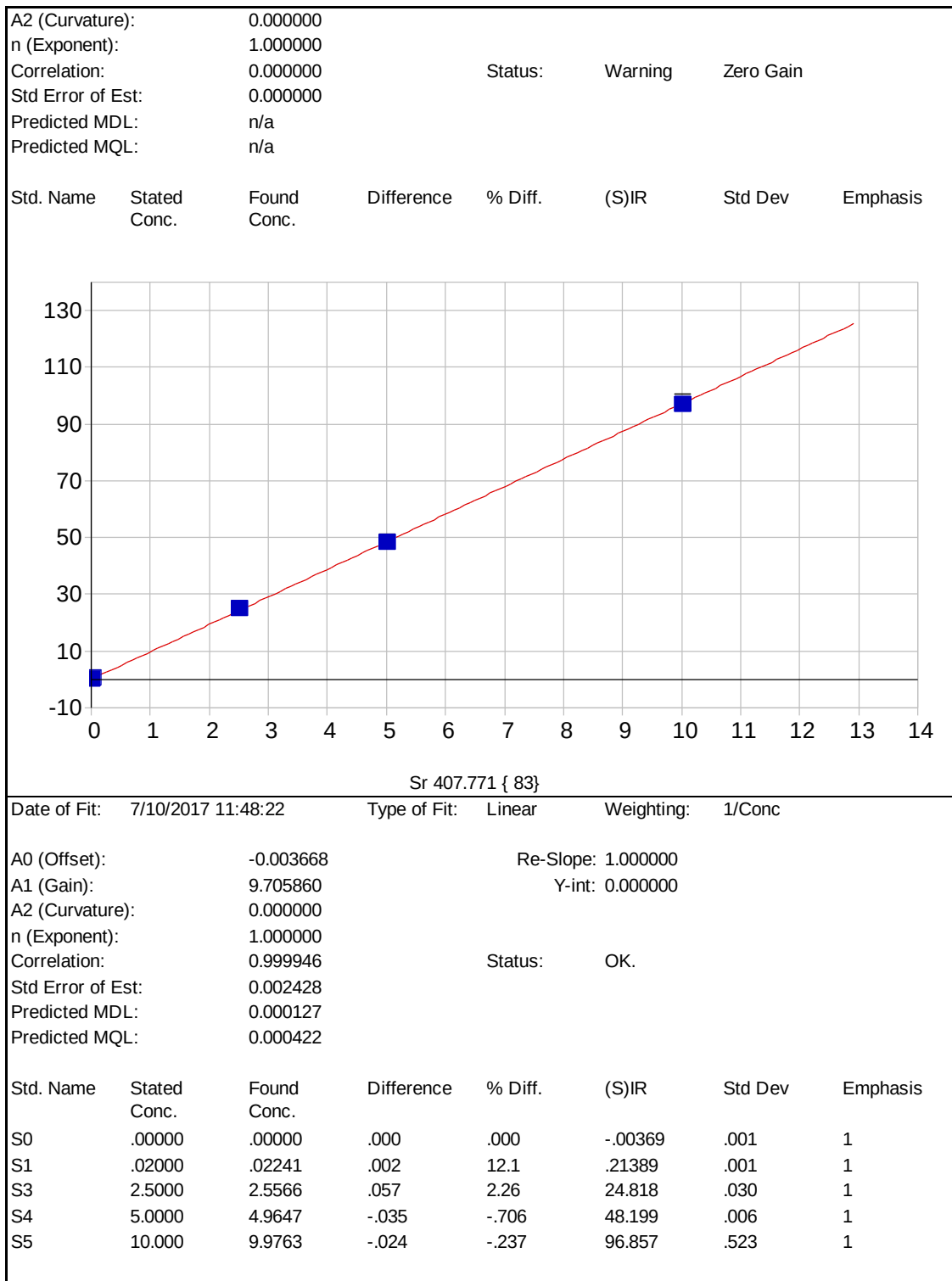


|                   |           |              |          |            |        |
|-------------------|-----------|--------------|----------|------------|--------|
| Date of Fit:      | <not fit> | Type of Fit: | Linear   | Weighting: | 1/Conc |
| A0 (Offset):      | 0.000000  | Re-Slope:    | 1.000000 |            |        |
| A1 (Gain):        | 0.000000  | Y-int:       | 0.000000 |            |        |
| A2 (Curvature):   | 0.000000  |              |          |            |        |
| n (Exponent):     | 1.000000  |              |          |            |        |
| Correlation:      | 0.000000  | Status:      | Warning  | Zero Gain  |        |
| Std Error of Est: | 0.000000  |              |          |            |        |
| Predicted MDL:    | n/a       |              |          |            |        |
| Predicted MQL:    | n/a       |              |          |            |        |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|-------|---------|----------|
|-----------|--------------|-------------|------------|---------|-------|---------|----------|



|              |           |              |          |            |        |
|--------------|-----------|--------------|----------|------------|--------|
| Date of Fit: | <not fit> | Type of Fit: | Linear   | Weighting: | 1/Conc |
| A0 (Offset): | 0.000000  | Re-Slope:    | 1.000000 |            |        |
| A1 (Gain):   | 0.000000  | Y-int:       | 0.000000 |            |        |



Sample Name: S0      Acquired: 7/10/2017 11:00:01      Type: Cal  
Method: P4-ICP2(v2088)      Mode: IR      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .00087 | .00105 | .00100 | .00050 | .00053 | .00032 | .03001 | .00337 |
| Stddev | .00020 | .00025 | .00018 | .00001 | .00004 | .00044 | .00108 | .00014 |
| %RSD   | 22.924 | 23.914 | 17.998 | 2.0120 | 8.1252 | 139.96 | 3.5936 | 4.2761 |

|    |         |         |        |        |        |        |        |        |
|----|---------|---------|--------|--------|--------|--------|--------|--------|
| #1 | -.00073 | -.00122 | .00087 | .00049 | .00056 | .00063 | .02925 | .00347 |
| #2 | -.00101 | -.00087 | .00113 | .00051 | .00050 | .00000 | .03077 | .00327 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .00053 | .00073 | .00017 | .00169 | .00051 | .01453 | .00056 | .00019 |
| Stddev | .00045 | .00030 | .00121 | .00009 | .00001 | .01070 | .00013 | .00001 |
| %RSD   | 85.696 | 41.385 | 733.67 | 5.1574 | 2.3940 | 73.639 | 24.051 | 2.9109 |

|    |         |        |         |        |         |        |        |         |
|----|---------|--------|---------|--------|---------|--------|--------|---------|
| #1 | -.00085 | .00094 | -.00069 | .00163 | -.00052 | .00697 | .00046 | -.00018 |
| #2 | -.00021 | .00051 | .00102  | .00175 | -.00050 | .02210 | .00065 | -.00019 |

|        |        |        |        |         |        |         |        |         |
|--------|--------|--------|--------|---------|--------|---------|--------|---------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_ 2924 | Zn2138 | K_ 7664 | Mo2020 | B_ 2496 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S   | Cts/S  | Cts/S   | Cts/S  | Cts/S   |
| Avg    | .00029 | .00248 | .00587 | .00289  | .05540 | .00671  | .00002 | .00024  |
| Stddev | .00014 | .00144 | .00103 | .00017  | .00377 | .00210  | .00007 | .00049  |
| %RSD   | 49.468 | 58.071 | 17.596 | 5.8712  | 6.7961 | 31.303  | 366.70 | 204.39  |

|    |        |         |        |         |        |         |         |         |
|----|--------|---------|--------|---------|--------|---------|---------|---------|
| #1 | .00039 | -.00146 | .00514 | -.00277 | .05274 | -.00523 | .00007  | .00058  |
| #2 | .00019 | -.00350 | .00660 | -.00301 | .05806 | -.00820 | -.00003 | -.00011 |

|        |         |        |        |        |        |         |        |  |
|--------|---------|--------|--------|--------|--------|---------|--------|--|
| Elem   | S_ 1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_ 1774 | Sr4077 |  |
| Units  | Cts/S   | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S   | Cts/S  |  |
| Avg    | .00028  | .00427 | .00007 | .00473 | .00741 | .0052   | .00369 |  |
| Stddev | .00020  | .00170 | .00002 | .00043 | .00020 | .0000   | .00083 |  |
| %RSD   | 73.005  | 39.866 | 30.173 | 9.0299 | 2.7205 | .1614   | 22.361 |  |

|    |         |        |         |        |         |        |         |  |
|----|---------|--------|---------|--------|---------|--------|---------|--|
| #1 | -.00042 | .00547 | -.00008 | .00503 | -.00727 | -.0052 | -.00428 |  |
| #2 | -.00014 | .00307 | -.00005 | .00443 | -.00755 | -.0052 | -.00311 |  |

Sample Name: S0      Acquired: 7/10/2017 11:00:01      Type: Cal  
Method: P4-ICP2(v2088)      Mode: IR      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2230.9  | 10119.  | 4647.6  | 34.895 | 2379.6 |
| Stddev    | 2.3     | 34.     | 32.6    | .820   | 3.5    |
| %RSD      | .10300  | .33166  | .70139  | .96543 | .14773 |
| #1        | 2229.3  | 10095.  | 4670.6  | 85.474 | 2377.1 |
| #2        | 2232.6  | 10142.  | 4624.5  | 84.315 | 2382.1 |

Sample Name: S1      Acquired: 7/10/2017 11:04:06      Type: Cal  
Method: P4-ICP2(v2088)      Mode: IR      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .00237 | .00368 | .00458 | .00288 | .00980 | .00502 | .61386 | .01835 | .02540 |
| Stddev | .00000 | .00022 | .00050 | .00031 | .00004 | .00064 | .00020 | .00041 | .00036 |
| %RSD   | .10305 | 5.9835 | 10.904 | 10.747 | .42917 | 12.652 | .03198 | 2.2330 | 1.4351 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00237 | .00383 | .00493 | .00266 | .00983 | .00547 | .61372 | .01806 | .02514 |
| #2 | .00237 | .00352 | .00422 | .00310 | .00977 | .00457 | .61400 | .01864 | .02566 |

|        |        |        |        |        |        |        |        |         |        |
|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|
| Elem   | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Ni2316 | Ag3280 | V_ 2924 | Zn2138 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S   | Cts/S  |
| Avg    | .00102 | .05103 | .01843 | .23011 | .02399 | .03237 | .00097 | .00713  | 4.9519 |
| Stddev | .00189 | .00056 | .00061 | .00503 | .00047 | .00014 | .00105 | .00041  | .0552  |
| %RSD   | 185.54 | 1.1068 | 3.2849 | 2.1842 | 1.9778 | .43134 | 108.06 | 5.8066  | 1.1153 |

|    |         |        |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00235  | .05143 | .01886 | .22656 | .02432 | .03227 | .00023 | .00684 | 4.9910 |
| #2 | -.00032 | .05063 | .01801 | .23367 | .02365 | .03247 | .00172 | .00742 | 4.9129 |

|        |        |         |         |        |        |        |        |         |        |
|--------|--------|---------|---------|--------|--------|--------|--------|---------|--------|
| Elem   | Mo2020 | B_ 2496 | S_ 1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_ 1774 | Sr4077 |
| Units  | Cts/S  | Cts/S   | Cts/S   | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S   | Cts/S  |
| Avg    | .23828 | .00560  | .00209  | .05844 | .01194 | .01902 | .02439 | .0018   | .21389 |
| Stddev | .00078 | .00049  | .00009  | .00266 | .00009 | .00008 | .00250 | .0000   | .00078 |
| %RSD   | .32739 | 8.8084  | 4.2153  | 4.5539 | .77071 | .42144 | 10.246 | 1.811   | .36473 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .23772 | .00595 | .00216 | .05656 | .01187 | .01908 | .02615 | -.0018 | .21333 |
| #2 | .23883 | .00525 | .00203 | .06033 | .01200 | .01897 | .02262 | -.0018 | .21444 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | .2218.4 | 10008.  | 4583.7  | 32.941 | 2356.3 |
| Stddev    | 6.4     | 6.      | 16.3    | 1.164  | 9.1    |
| %RSD      | .28829  | .06245  | .35571  | 1.4028 | .38546 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2213.8 | 10003. | 4595.2 | 82.118 | 2349.9 |
| #2 | 2222.9 | 10012. | 4572.1 | 83.764 | 2362.7 |

Sample Name: S2      Acquired: 7/10/2017 11:08:21      Type: Cal  
Method: P4-ICP2(v2088)      Mode: IR      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |         |
|--------|--------|--------|--------|---------|
| Elem   | Ca3736 | Mg2790 | Na5895 | K_ 7664 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S   |
| Avg    | .12956 | .03094 | .47985 | .24129  |
| Stddev | .00037 | .00069 | .00010 | .00351  |
| %RSD   | .28926 | 2.2312 | .02048 | 1.4558  |

|    |        |        |        |        |
|----|--------|--------|--------|--------|
| #1 | .12929 | .03045 | .47978 | .23881 |
| #2 | .12982 | .03143 | .47991 | .24377 |

|           |         |
|-----------|---------|
| Int. Std. | Y_ 3710 |
| Units     | Cts/S   |
| Avg       | 4602.7  |
| Stddev    | 6.0     |
| %RSD      | .12949  |

|    |        |
|----|--------|
| #1 | 4606.9 |
| #2 | 4598.5 |

Sample Name: S3      Acquired: 7/10/2017 11:12:29      Type: Cal  
Method: P4-ICP2(v2088)      Mode: IR      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |         |        |        |
|--------|--------|--------|--------|--------|--------|--------|---------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934  | Be2348 | Cd2265 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S   | Cts/S  | Cts/S  |
| Avg    | .33268 | .28950 | .81925 | .27938 | .46667 | .21386 | .29.170 | .30225 | 5.2090 |
| Stddev | .00080 | .00042 | .00060 | .00073 | .00050 | .00020 | .068    | .00043 | .0040  |
| %RSD   | .24112 | .14672 | .07381 | .26295 | .10779 | .09464 | .23258  | .14062 | .07593 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .33325 | .28920 | .81882 | .27990 | .46702 | .21400 | 29.218 | .30255 | 5.2118 |
| #2 | .33211 | .28980 | .81968 | .27886 | .46631 | .21371 | 29.122 | .30194 | 5.2062 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .76549 | .07562 | 2.0261 | .53387 | 4.9290 | 1.4227 | .18867 | 1.0001 | .23472 |
| Stddev | .00233 | .00073 | .0007  | .00238 | .1415  | .0016  | .00078 | .0010  | .00081 |
| %RSD   | .30459 | .95980 | .03532 | .44651 | 2.8717 | .11085 | .41172 | .09829 | .34432 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .76714 | .07511 | 2.0256 | .53555 | 4.8289 | 1.4238 | .18922 | 1.0008 | .23415 |
| #2 | .76385 | .07613 | 2.0266 | .53218 | 5.0291 | 1.4216 | .18812 | .99937 | .23530 |

|        |        |         |        |         |        |         |         |        |        |
|--------|--------|---------|--------|---------|--------|---------|---------|--------|--------|
| Elem   | Na5895 | V_ 2924 | Zn2138 | K_ 7664 | Mo2020 | B_ 2496 | S_ 1820 | Si2881 | Sn1899 |
| Units  | Cts/S  | Cts/S   | Cts/S  | Cts/S   | Cts/S  | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg    | 2.8707 | .32412  | 147.58 | 1.4972  | 2.8666 | .13608  | .27833  | .36697 | .72204 |
| Stddev | .0034  | .00086  | 5.44   | .0029   | .0038  | .00086  | .00045  | .00042 | .00021 |
| %RSD   | .11899 | .26528  | 3.6888 | .19039  | .13254 | .62906  | .16262  | .11545 | .02925 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.8731 | .32473 | 143.73 | 1.4951 | 2.8693 | .13669 | .27801 | .36727 | .72219 |
| #2 | 2.8683 | .32351 | 151.43 | 1.4992 | 2.8639 | .13548 | .27865 | .36667 | .72189 |

|        |        |        |         |        |
|--------|--------|--------|---------|--------|
| Elem   | Ti3361 | Li6707 | P_ 1774 | Sr4077 |
| Units  | Cts/S  | Cts/S  | Cts/S   | Cts/S  |
| Avg    | .84408 | 3.5495 | .3739   | 24.818 |
| Stddev | .00150 | .0118  | .0020   | .030   |
| %RSD   | .17783 | .33331 | .5325   | .11976 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .84514 | 3.5578 | .3753 | 24.839 |
| #2 | .84302 | 3.5411 | .3725 | 24.797 |



Sample Name: S3      Acquired: 7/10/2017 11:12:29      Type: Cal  
Method: P4-ICP2(v2088)      Mode: IR      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2180.4  | 10081.  | 4613.9  | 31.268 | 2290.7 |
| Stddev    | 8.4     | 11.     | 4.8     | 2.720  | 8.1    |
| %RSD      | .38603  | .10578  | .10407  | 3.3475 | .35465 |
| #1        | 2174.5  | 10074.  | 4610.5  | 83.192 | 2285.0 |
| #2        | 2186.4  | 10089.  | 4617.3  | 79.344 | 2296.5 |

Sample Name: S4      Acquired: 7/10/2017 11:16:26      Type: Cal  
Method: P4-ICP2(v2088)      Mode: IR      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |         |        |        |
|--------|--------|--------|--------|--------|--------|--------|---------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934  | Be2348 | Cd2265 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S   | Cts/S  | Cts/S  |
| Avg    | .64618 | .57289 | 1.5892 | .55651 | .90446 | .40717 | .55.593 | .57290 | 10.125 |
| Stddev | .00025 | .00161 | .0000  | .00097 | .00004 | .00073 | .383    | .00301 | .014   |
| %RSD   | .03928 | .28133 | .00043 | .17360 | .00469 | .17878 | .68904  | .52519 | .13963 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .64636 | .57175 | 1.5892 | .55720 | .90449 | .40665 | 55.322 | .57078 | 10.115 |
| #2 | .64600 | .57403 | 1.5892 | .55583 | .90443 | .40768 | 55.864 | .57503 | 10.135 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 1.4581 | .14408 | 3.9181 | 1.0255 | 9.4103 | 2.7238 | .36607 | 1.9241 | .44930 |
| Stddev | .0048  | .00139 | .0032  | .0008  | .0332  | .0069  | .00054 | .0039  | .00183 |
| %RSD   | .33040 | .96150 | .08052 | .07895 | .35255 | .25433 | .14724 | .20145 | .40765 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.4547 | .14310 | 3.9159 | 1.0249 | 9.3869 | 2.7189 | .36645 | 1.9214 | .44800 |
| #2 | 1.4615 | .14505 | 3.9204 | 1.0261 | 9.4338 | 2.7287 | .36569 | 1.9268 | .45059 |

|        |        |         |        |         |        |         |         |        |        |
|--------|--------|---------|--------|---------|--------|---------|---------|--------|--------|
| Elem   | Na5895 | V_ 2924 | Zn2138 | K_ 7664 | Mo2020 | B_ 2496 | S_ 1820 | Si2881 | Sn1899 |
| Units  | Cts/S  | Cts/S   | Cts/S  | Cts/S   | Cts/S  | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg    | 5.5226 | .62574  | 285.60 | 2.9132  | 5.5026 | .26695  | .56682  | .68168 | 1.3931 |
| Stddev | .0199  | .00022  | .48    | .0048   | .0040  | .00115  | .00014  | .00872 | .0040  |
| %RSD   | .35945 | .03457  | .16897 | .16487  | .07228 | .43058  | .02486  | 1.2787 | .28552 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 5.5086 | .62589 | 285.26 | 2.9098 | 5.4997 | .26613 | .56672 | .67551 | 1.3903 |
| #2 | 5.5367 | .62559 | 285.94 | 2.9166 | 5.5054 | .26776 | .56692 | .68784 | 1.3959 |

|        |        |        |         |        |
|--------|--------|--------|---------|--------|
| Elem   | Ti3361 | Li6707 | P_ 1774 | Sr4077 |
| Units  | Cts/S  | Cts/S  | Cts/S   | Cts/S  |
| Avg    | 1.6142 | 6.8827 | .7476   | 48.199 |
| Stddev | .0067  | .0237  | .0008   | .006   |
| %RSD   | .41653 | .34430 | .1044   | .01280 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 1.6094 | 6.8659 | .7481 | 48.195 |
| #2 | 1.6189 | 6.8995 | .7470 | 48.203 |

Sample Name: S4      Acquired: 7/10/2017 11:16:26      Type: Cal  
Method: P4-ICP2(v2088)      Mode: IR      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2174.8  | 10192.  | 4584.7  | 80.831 | 2261.4 |
| Stddev    | .4      | 4.      | 11.4    | .188   | 1.5    |
| %RSD      | .01787  | .03852  | .24968  | .23257 | .06580 |
| #1        | 2174.5  | 10195.  | 4592.8  | 80.964 | 2262.5 |
| #2        | 2175.1  | 10190.  | 4576.6  | 80.698 | 2260.4 |

Sample Name: S5      Acquired: 7/10/2017 11:20:33      Type: Cal  
Method: P4-ICP2(v2088)      Mode: IR      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 1.3005 | 1.1896 | 3.2693 | 1.0924 | 1.8296 | .81620 | 112.19 | 1.1575 | 20.669 |
| Stddev | .0028  | .0002  | .0005  | .0004  | .0003  | .00201 | .88    | .0002  | .014   |
| %RSD   | .21542 | .01696 | .01494 | .03727 | .01586 | .24646 | .78298 | .01825 | .06837 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.2985 | 1.1898 | 3.2690 | 1.0927 | 1.8298 | .81478 | 111.57 | 1.1576 | 20.679 |
| #2 | 1.3025 | 1.1895 | 3.2697 | 1.0921 | 1.8294 | .81762 | 112.81 | 1.1573 | 20.659 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 2.9015 | .29092 | 3.0743 | 2.0513 | 18.952 | 5.4500 | .72774 | 3.9274 | .91134 |
| Stddev | .0138  | .00061 | .0086  | .0029  | .625   | .0111  | .00120 | .0018  | .00455 |
| %RSD   | .47708 | .20882 | .10642 | .14243 | 3.2980 | .20396 | .16491 | .04668 | .49915 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.9113 | .29135 | 8.0683 | 2.0492 | 18.510 | 5.4579 | .72859 | 3.9261 | .91456 |
| #2 | 2.8917 | .29049 | 8.0804 | 2.0534 | 19.394 | 5.4422 | .72689 | 3.9287 | .90813 |

|        |        |         |        |         |        |         |         |        |        |
|--------|--------|---------|--------|---------|--------|---------|---------|--------|--------|
| Elem   | Na5895 | V_ 2924 | Zn2138 | K_ 7664 | Mo2020 | B_ 2496 | S_ 1820 | Si2881 | Sn1899 |
| Units  | Cts/S  | Cts/S   | Cts/S  | Cts/S   | Cts/S  | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg    | 11.151 | 1.2585  | 565.63 | 5.8779  | 11.121 | .53124  | 1.1780  | 1.3123 | 2.8822 |
| Stddev | .034   | .0008   | 20.15  | .0116   | .008   | .00460  | .0020   | .0060  | .0006  |
| %RSD   | .30059 | .06428  | 3.5624 | .19777  | .06965 | .86657  | .16918  | .45654 | .02076 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 11.175 | 1.2591 | 551.39 | 5.8862 | 11.116 | .53450 | 1.1766 | 1.3165 | 2.8826 |
| #2 | 11.127 | 1.2580 | 579.88 | 5.8697 | 11.127 | .52799 | 1.1794 | 1.3080 | 2.8818 |

|        |        |        |         |        |
|--------|--------|--------|---------|--------|
| Elem   | Ti3361 | Li6707 | P_ 1774 | Sr4077 |
| Units  | Cts/S  | Cts/S  | Cts/S   | Cts/S  |
| Avg    | 3.2396 | 13.805 | 1.545   | 96.857 |
| Stddev | .0064  | .024   | .001    | .523   |
| %RSD   | .19817 | .17078 | .0499   | .53962 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 3.2441 | 13.821 | 1.544 | 97.226 |
| #2 | 3.2351 | 13.788 | 1.545 | 96.487 |

Sample Name: S5      Acquired: 7/10/2017 11:20:33      Type: Cal  
Method: P4-ICP2(v2088)      Mode: IR      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2120.5  | 10152.  | 4552.7  | 79.058 | 2154.5 |
| Stddev    | .6      | 30.     | 24.1    | 2.719  | .8     |
| %RSD      | .02908  | .29768  | .52978  | 3.4391 | .03697 |
| #1        | 2120.9  | 10130.  | 4535.6  | 80.981 | 2153.9 |
| #2        | 2120.1  | 10173.  | 4569.7  | 77.136 | 2155.0 |

Sample Name: ICV01      Acquired: 7/10/2017 11:24:50      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: ICV01      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .97819 | .97528 | .96974 | .94221 | .95984 | 2.6155 | .50649 | .49637 |
| Stddev | .00328 | .00211 | .00048 | .00218 | .00134 | .0389  | .00003 | .00450 |
| %RSD   | .33574 | .21642 | .04996 | .23177 | .13929 | 1.4881 | .00638 | .90603 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .97587 | .97677 | .97008 | .94066 | .96078 | 2.6430 | .50651 | .49955 |
| #2 | .98051 | .97378 | .96940 | .94375 | .95889 | 2.5880 | .50646 | .49319 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .48293 | 10.184 | .48589 | .49560 | .51004 | 4.9887 | .50186 | 3.1135 |
| Stddev | .00006 | .015   | .00253 | .00073 | .00045 | .0515  | .00293 | .0416  |
| %RSD   | .01300 | .15048 | .52055 | .14790 | .08740 | 1.0315 | .58428 | .68119 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .48298 | 10.194 | .48767 | .49508 | .51035 | 4.9523 | .50393 | 6.1429 |
| #2 | .48289 | 10.173 | .48410 | .49611 | .50972 | 5.0251 | .49979 | 6.0840 |

|        |        |        |        |        |        |        |          |          |
|--------|--------|--------|--------|--------|--------|--------|----------|----------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020   | B_2496   |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm      | ppm      |
| Avg    | .49678 | .51457 | 10.009 | .47896 | .99859 | 3.9876 | F 3.8194 | F 3.8611 |
| Stddev | .00015 | .00468 | .004   | .00211 | .00952 | .0209  | .0100    | .0184    |
| %RSD   | .02989 | .90944 | .03674 | .44114 | .95383 | .20900 | .26051   | .47761   |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .49667 | .51788 | 10.012 | .48046 | .99186 | 10.002 | 3.8265 | 3.8742 |
| #2 | .49688 | .51126 | 10.007 | .47747 | 1.0053 | 9.9728 | 3.8124 | 3.8481 |

|        |          |          |          |          |          |         |          |  |
|--------|----------|----------|----------|----------|----------|---------|----------|--|
| Elem   | S_1820   | Si2881   | Sn1899   | Ti3361   | Li6707   | P_1774  | Sr4077   |  |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm     | ppm      |  |
| Avg    | F .01227 | F 3.5361 | F 3.7805 | F 3.8963 | F .00354 | F .0027 | F .01066 |  |
| Stddev | .00098   | .0042    | .0079    | .0111    | .00090   | .0001   | .00005   |  |
| %RSD   | 8.0214   | .11723   | .20872   | .28533   | 25.535   | 4.252   | .46089   |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | .01157 | 3.5332 | 3.7860 | 3.9042 | .00418 | .0028 | .01070 |  |
| #2 | .01297 | 3.5391 | 3.7749 | 3.8884 | .00290 | .0026 | .01063 |  |

Sample Name: ICV01      Acquired: 7/10/2017 11:24:50      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: ICV01      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2229.3  | 10153.  | 4662.6  | 33.050 | 2364.9 |
| Stddev    | 2.0     | 62.     | 5.8     | .820   | 1.6    |
| %RSD      | .08763  | .61121  | .12526  | .98712 | .06710 |
| #1        | 2228.0  | 10109.  | 4666.8  | 83.630 | 2366.0 |
| #2        | 2230.7  | 10197.  | 4658.5  | 82.470 | 2363.8 |

Sample Name: LLICV01      Acquired: 7/10/2017 11:50:18      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: LLICV01      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02236 | .04120 | .01154 | .01870 | .05122 | .12056 | .10334 | .00647 | .00618 |
| Stddev | .00054 | .00083 | .00146 | .00070 | .00063 | .00878 | .00070 | .00010 | .00011 |
| %RSD   | 2.4027 | 2.0067 | 12.652 | 3.7312 | 1.2250 | 7.2840 | .68164 | 1.4872 | 1.8025 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .02198 | .04178 | .01258 | .01919 | .05078 | .11435 | .10284 | .00640 | .00610 |
| #2 | .02274 | .04061 | .01051 | .01820 | .05167 | .12677 | .10383 | .00654 | .00626 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.0891 | .01248 | .03069 | .02277 | .10528 | .02118 | 2.0857 | .04079 | .01285 |
| Stddev | .0116  | .00738 | .00025 | .00085 | .00031 | .00098 | .0220  | .00088 | .00115 |
| %RSD   | .55709 | 59.183 | .79838 | 3.7236 | .29525 | 4.6227 | 1.0556 | 2.1544 | 8.9498 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.0808 | .01770 | .03086 | .02337 | .10506 | .02049 | 2.0702 | .04141 | .01366 |
| #2 | 2.0973 | .00726 | .03052 | .02218 | .10550 | .02188 | 2.1013 | .04017 | .01203 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.1036 | .03887 | .04291 | 2.0902 | .21424 | .10852 | .02113 | .40471 | .04164 |
| Stddev | .0032  | .00159 | .00194 | .0001  | .00124 | .00961 | .00113 | .00053 | .00203 |
| %RSD   | .15447 | 4.0829 | 4.5242 | .00601 | .58028 | 8.8543 | 5.3424 | .12995 | 4.8714 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.1013 | .03775 | .04154 | 2.0901 | .21336 | .10173 | .02193 | .40434 | .04307 |
| #2 | 2.1059 | .03999 | .04429 | 2.0903 | .21512 | .11532 | .02034 | .40508 | .04020 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | .04459 | .02180 | .0217  | .02187 |
| Stddev | .00170 | .00130 | .0007  | .00014 |
| %RSD   | 3.8086 | 5.9473 | 3.050  | .64166 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .04338 | .02272 | .0222 | .02197 |
| #2 | .04579 | .02088 | .0213 | .02177 |



Sample Name: LLICV01      Acquired: 7/10/2017 11:50:18      Type: Unk  
 Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: LLICV01      Custom ID2:      Custom ID3:  
 Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2202.6  | 9856.9  | 4503.3  | 31.023 | 2340.7 |
| Stddev    | .2      | 35.2    | 40.1    | 3.430  | .6     |
| %RSD      | .00899  | .35688  | .89121  | 4.2327 | .02534 |
| #1        | 2202.4  | 9881.7  | 4531.7  | 83.448 | 2340.3 |
| #2        | 2202.7  | 9832.0  | 4475.0  | 78.598 | 2341.1 |

Sample Name: ICB01      Acquired: 7/10/2017 11:54:20      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: ICB01      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |         |         |         |        |        |        |
|--------|--------|--------|---------|---------|---------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203  | Se1960  | Sb2068  | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm     | ppm     | ppm     | ppm    | ppm    | ppm    |
| Avg    | .00317 | .00191 | -.00058 | -.00197 | -.00053 | .00385 | .00025 | .00019 |
| Stddev | .00034 | .00080 | .00076  | .00095  | .00154  | .01303 | .00061 | .00001 |
| %RSD   | 10.615 | 42.118 | 131.25  | 48.331  | 291.10  | 338.62 | 244.14 | 7.5712 |

|    |        |        |         |         |         |         |         |        |
|----|--------|--------|---------|---------|---------|---------|---------|--------|
| #1 | .00340 | .00247 | -.00112 | -.00130 | .00056  | -.00537 | -.00018 | .00020 |
| #2 | .00293 | .00134 | -.00004 | -.00265 | -.00162 | .01307  | .00069  | .00018 |

|        |        |        |         |        |        |        |        |        |
|--------|--------|--------|---------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677  | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00001 | .02429 | -.00336 | .00048 | .00120 | .00630 | .00062 | .02216 |
| Stddev | .00006 | .00489 | .00589  | .00018 | .00050 | .00062 | .00017 | .00206 |
| %RSD   | 701.76 | 20.125 | 174.92  | 38.530 | 41.612 | 9.8333 | 27.169 | 9.3134 |

|    |         |        |         |        |        |        |        |        |
|----|---------|--------|---------|--------|--------|--------|--------|--------|
| #1 | .00003  | .02083 | -.00753 | .00035 | .00156 | .00586 | .00050 | .02070 |
| #2 | -.00005 | .02774 | .00080  | .00061 | .00085 | .00674 | .00074 | .02362 |

|        |        |        |        |        |         |        |        |         |
|--------|--------|--------|--------|--------|---------|--------|--------|---------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138  | K_7664 | Mo2020 | B_2496  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm     | ppm    | ppm    | ppm     |
| Avg    | .00020 | .00109 | .06579 | .00080 | -.00011 | .03923 | .00014 | -.00232 |
| Stddev | .00008 | .00880 | .00882 | .00035 | .00000  | .01981 | .00035 | .00048  |
| %RSD   | 37.663 | 804.49 | 13.413 | 43.598 | .65957  | 50.499 | 258.20 | 20.557  |

|    |         |         |        |        |         |        |         |         |
|----|---------|---------|--------|--------|---------|--------|---------|---------|
| #1 | -.00015 | -.00732 | .05955 | .00105 | -.00011 | .05324 | -.00011 | -.00266 |
| #2 | -.00026 | .00513  | .07202 | .00055 | -.00011 | .02522 | .00038  | -.00198 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00288 | .00172 | .00146 | .00246 | .00157 | .00006 | .00013 |
| Stddev | .00158 | .00451 | .00102 | .00151 | .00126 | .0020  | .00006 |
| %RSD   | 54.753 | 262.35 | 70.098 | 61.259 | 80.038 | 335.5  | 45.008 |

|    |        |         |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|
| #1 | .00176 | .00147  | .00219 | .00139 | .00246 | .0008  | .00017 |
| #2 | .00399 | -.00491 | .00074 | .00352 | .00068 | -.0020 | .00009 |

Sample Name: ICB01      Acquired: 7/10/2017 11:54:20      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: ICB01      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2251.6  | 10187.  | 4636.1  | 33.681 | 2378.5 |
| Stddev    | 14.5    | 20.     | 6.5     | 1.317  | 13.0   |
| %RSD      | .64586  | .19809  | .13930  | 1.5735 | .54820 |
| #1        | 2241.3  | 10173.  | 4631.6  | 84.612 | 2369.3 |
| #2        | 2261.9  | 10201.  | 4640.7  | 82.750 | 2387.7 |

Sample Name: CRI01      Acquired: 7/10/2017 11:58:32      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CRI01      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02223 | .04106 | .01005 | .01832 | .04976 | .11275 | .10430 | .00657 | .00622 |
| Stddev | .00053 | .00082 | .00094 | .00215 | .00006 | .00712 | .00110 | .00016 | .00005 |
| %RSD   | 2.3740 | 2.0079 | 9.3114 | 11.744 | .12210 | 6.3171 | 1.0555 | 2.3722 | .79765 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .02186 | .04047 | .00939 | .01984 | .04980 | .11778 | .10508 | .00646 | .00626 |
| #2 | .02260 | .04164 | .01071 | .01680 | .04972 | .10771 | .10353 | .00668 | .00618 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.0823 | .01086 | .03047 | .02325 | .09877 | .02058 | 2.0987 | .04082 | .01250 |
| Stddev | .0034  | .00318 | .00000 | .00060 | .00066 | .00087 | .0124  | .00016 | .00008 |
| %RSD   | .16463 | 29.322 | .01101 | 2.5738 | .67164 | 4.2085 | .59124 | .38597 | .66199 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.0847 | .00861 | .03048 | .02283 | .09924 | .02119 | 2.0899 | .04093 | .01256 |
| #2 | 2.0799 | .01311 | .03047 | .02368 | .09830 | .01997 | 2.1074 | .04071 | .01244 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.1172 | .03738 | .04193 | 2.1084 | .21316 | .10761 | .02149 | .37918 | .04137 |
| Stddev | .0074  | .00452 | .00049 | .0217  | .00063 | .00107 | .00064 | .00168 | .00038 |
| %RSD   | .34762 | 12.080 | 1.1703 | 1.0298 | .29545 | .99469 | 2.9686 | .44235 | .92931 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.1120 | .04057 | .04227 | 2.1237 | .21271 | .10837 | .02104 | .37800 | .04164 |
| #2 | 2.1224 | .03419 | .04158 | 2.0930 | .21360 | .10685 | .02194 | .38037 | .04110 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | .04252 | .02055 | .0223  | .02198 |
| Stddev | .00016 | .00016 | .0003  | .00012 |
| %RSD   | .37900 | .78018 | 1.338  | .55906 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .04241 | .02067 | .0225 | .02206 |
| #2 | .04263 | .02044 | .0221 | .02189 |

Sample Name: CRI01      Acquired: 7/10/2017 11:58:32      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CRI01      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2209.8  | 9867.8  | 4485.8  | 33.047 | 2351.6 |
| Stddev    | 1.7     | 21.5    | 10.1    | .728   | 1.7    |
| %RSD      | .07515  | .21836  | .22568  | .87661 | .07386 |
| #1        | 2208.7  | 9883.0  | 4478.6  | 82.532 | 2350.4 |
| #2        | 2211.0  | 9852.5  | 4493.0  | 83.561 | 2352.8 |

Sample Name: ICSA01      Acquired: 7/10/2017 12:02:41      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: ICSA01      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00542 | .00519 | .00262 | .00261 | .00093 | 265.30 | .00594 |
| Stddev | .00219 | .00334 | .00056 | .00441 | .00171 | 1.25   | .00069 |
| %RSD   | 40.519 | 64.257 | 21.454 | 169.12 | 184.52 | .46986 | 11.606 |

|    |        |        |        |         |         |        |        |
|----|--------|--------|--------|---------|---------|--------|--------|
| #1 | .00697 | .00755 | .00222 | -.00051 | .00028  | 264.42 | .00643 |
| #2 | .00386 | .00283 | .00301 | .00572  | -.00214 | 266.18 | .00546 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00031 | .00099 | 246.24 | .05201 | .00063 | .00226 | 38.623 |
| Stddev | .00007 | .00002 | .27    | .00453 | .00010 | .00037 | 1.607  |
| %RSD   | 21.273 | 1.7699 | .11099 | 8.7164 | 16.678 | 16.394 | 1.6294 |

|    |        |        |        |        |        |         |        |
|----|--------|--------|--------|--------|--------|---------|--------|
| #1 | .00035 | .00098 | 246.43 | .05522 | .00055 | -.00200 | 97.487 |
| #2 | .00026 | .00100 | 246.04 | .04881 | .00070 | -.00252 | 99.760 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01764 | 257.34 | .00298 | .00450 | .07576 | .00080 | .00293 |
| Stddev | .00046 | .06    | .00013 | .00083 | .02092 | .00047 | .00005 |
| %RSD   | 2.6072 | .02379 | 4.5121 | 18.468 | 27.612 | 58.474 | 1.6913 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .01731 | 257.30 | .00307 | .00509 | .09055 | .00114 | .00289 |
| #2 | .01796 | 257.38 | .00288 | .00391 | .06096 | .00047 | .00296 |

|        |        |        |          |          |        |        |        |
|--------|--------|--------|----------|----------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496   | S_1820   | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm      | ppm      | ppm    | ppm    | ppm    |
| Avg    | .05999 | .00378 | F .08566 | F .01179 | .00523 | .00313 | .01154 |
| Stddev | .02655 | .00078 | .00471   | .00136   | .00230 | .00028 | .00055 |
| %RSD   | 44.264 | 20.606 | 5.4973   | 11.547   | 43.875 | 8.9652 | 4.7454 |

|    |        |        |        |         |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|
| #1 | .04121 | .00433 | .08233 | -.01275 | .00686 | .00333 | .01115 |
| #2 | .07877 | .00323 | .08899 | -.01083 | .00361 | .00294 | .01193 |

Sample Name: IC5A01      Acquired: 7/10/2017 12:02:41      Type: Unk  
 Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: IC5A01      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |         |
|--------|--------|--------|---------|
| Elem   | Li6707 | P_1774 | Sr4077  |
| Units  | ppm    | ppm    | ppm     |
| Avg    | .00854 | F.0200 | F.08276 |
| Stddev | .00165 | .0019  | .00029  |
| %RSD   | 19.314 | 9.287  | .35178  |

|    |        |       |        |
|----|--------|-------|--------|
| #1 | .00971 | .0214 | .08296 |
| #2 | .00738 | .0187 | .08255 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2015.9  | 9820.3  | 4397.7  | 75.242 | 2127.0 |
| Stddev    | .1      | 15.3    | 23.9    | .932   | 1.4    |
| %RSD      | .00429  | .15554  | .54399  | 1.2388 | .06652 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2016.0 | 9831.1 | 4380.8 | 75.901 | 2126.0 |
| #2 | 2015.8 | 9809.5 | 4414.7 | 74.583 | 2128.0 |

Sample Name: ICSAB01      Acquired: 7/10/2017 12:06:49      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: ICSAB01      Custom ID2:      Custom ID3:  
Comment:

|        |        |          |          |          |          |          |          |
|--------|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890 | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm    | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .10740 | .09709   | .04488   | .04617   | .61331   | 260.07   | .50046   |
| Stddev | .00044 | .00082   | .00054   | .00009   | .00092   | .37      | .00160   |
| %RSD   | .41240 | .84011   | 1.2005   | .19268   | .14943   | .14105   | .32062   |
| #1     | .10708 | .09651   | .04526   | .04611   | .61266   | 259.81   | .49933   |
| #2     | .10771 | .09767   | .04450   | .04624   | .61395   | 260.33   | .50159   |
| Elem   | Be2348 | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm    | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .49692 | .93935   | 241.77   | .53071   | .47006   | .49374   | 95.202   |
| Stddev | .00382 | .00337   | .53      | .00650   | .00144   | .00055   | 2.209    |
| %RSD   | .76811 | .35925   | .22020   | 1.2256   | .30595   | .11216   | 2.3202   |
| #1     | .49422 | .94174   | 241.39   | .53531   | .47107   | .49413   | 96.764   |
| #2     | .49962 | .93697   | 242.15   | .52611   | .46904   | .49334   | 93.640   |
| Elem   | Mn2576 | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm    | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .51157 | 253.34   | .92823   | .20309   | .06404   | .49630   | .99486   |
| Stddev | .00276 | 1.23     | .00151   | .00065   | .02210   | .00200   | .01905   |
| %RSD   | .53862 | .48572   | .16297   | .31926   | 34.515   | .40346   | 1.9144   |
| #1     | .50962 | 252.47   | .92930   | .20263   | .04841   | .49489   | 1.0083   |
| #2     | .51351 | 254.21   | .92716   | .20354   | .07967   | .49772   | .98140   |
| Elem   | K_7664 | Mo2020   | B_2496   | S_1820   | Si2881   | Sn1899   | Ti3361   |
| Units  | ppm    | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .02584 | F .00009 | F .07964 | F .01720 | F .02366 | F .00125 | F .00414 |
| Stddev | .03268 | .00051   | .00455   | .00519   | .01331   | .00034   | .00129   |
| %RSD   | 126.46 | 581.21   | 5.7180   | 30.150   | 56.243   | 27.509   | 31.228   |
| #1     | .00273 | -.00045  | .08286   | -.02087  | .01425   | .00100   | -.00506  |
| #2     | .04895 | .00027   | .07642   | -.01354  | .03308   | .00149   | -.00323  |



Sample Name: ICSAB01      Acquired: 7/10/2017 12:06:49      Type: Unk  
 Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: ICSAB01      Custom ID2:      Custom ID3:  
 Comment:

|        |         |        |         |
|--------|---------|--------|---------|
| Elem   | Li6707  | P_1774 | Sr4077  |
| Units  | ppm     | ppm    | ppm     |
| Avg    | F.00873 | F.0010 | F.08047 |
| Stddev | .00255  | .0002  | .00018  |
| %RSD   | 29.168  | 22.54  | .21900  |

|    |        |        |        |
|----|--------|--------|--------|
| #1 | .01053 | -.0011 | .08034 |
| #2 | .00693 | -.0008 | .08059 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 1993.3  | 9812.4  | 4394.6  | 76.319 | 2106.5 |
| Stddev    | 11.5    | 23.1    | 2.7     | 1.913  | 18.3   |
| %RSD      | .57536  | .23520  | .06105  | 2.5065 | .86807 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 1985.2 | 9796.1 | 4392.7 | 74.966 | 2093.6 |
| #2 | 2001.4 | 9828.7 | 4396.5 | 77.672 | 2119.5 |

Sample Name: CCV01      Acquired: 7/10/2017 12:10:51      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV01      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 5.0835 | 4.9800 | 4.9899 | 5.0268 | 5.1472 | 10.717 | 10.377 | 25979  | 2.5150 |
| Stddev | .0157  | .0080  | .0020  | .0104  | .0045  | .017   | .045   | .00093 | .0014  |
| %RSD   | .30860 | .16143 | .03974 | .20612 | .08753 | .15673 | .42898 | .35785 | .05540 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 5.0724 | 4.9743 | 4.9913 | 5.0194 | 5.1440 | 10.705 | 10.408 | .26045 | 2.5141 |
| #2 | 5.0946 | 4.9856 | 4.9885 | 5.0341 | 5.1504 | 10.729 | 10.346 | .25914 | 2.5160 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 25.905 | 1.0002 | 2.5128 | 1.2793 | 5.1404 | 2.5807 | 25.677 | 2.5231 | 1.2842 |
| Stddev | .068   | .0089  | .0003  | .0002  | .0752  | .0083  | .118   | .0015  | .0024  |
| %RSD   | .26172 | .88959 | .01356 | .01416 | 1.4638 | .32080 | .45971 | .06148 | .18941 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 25.857 | 1.0065 | 2.5130 | 1.2791 | 5.0872 | 2.5865 | 25.593 | 2.5242 | 1.2825 |
| #2 | 25.953 | .99394 | 2.5125 | 1.2794 | 5.1937 | 2.5748 | 25.760 | 2.5220 | 1.2860 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 25.828 | 2.5760 | 2.5372 | 26.086 | 5.1463 | 5.2850 | 5.0322 | 4.9912 | 5.0539 |
| Stddev | .006   | .0023  | .0387  | .009   | .0046  | .0343  | .0095  | .0016  | .0039  |
| %RSD   | .02370 | .08894 | 1.5268 | .03412 | .08943 | .64982 | .18900 | .03238 | .07719 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 25.832 | 2.5777 | 2.5098 | 26.092 | 5.1430 | 5.2607 | 5.0255 | 4.9901 | 5.0512 |
| #2 | 25.823 | 2.5744 | 2.5646 | 26.080 | 5.1495 | 5.3092 | 5.0390 | 4.9923 | 5.0567 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 5.1721 | 5.2245 | 5.112  | 5.2370 |
| Stddev | .0030  | .0090  | .002   | .0182  |
| %RSD   | .05772 | .17180 | .0414  | .34816 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 5.1742 | 5.2182 | 5.114 | 5.2498 |
| #2 | 5.1700 | 5.2309 | 5.111 | 5.2241 |

Sample Name: CCV01      Acquired: 7/10/2017 12:10:51      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV01      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2186.8  | 10186.  | 4621.9  | 31.964 | 2282.7 |
| Stddev    | 1.5     | 7.      | 6.7     | 1.357  | .2     |
| %RSD      | .06774  | .06705  | .14572  | 1.6552 | .00701 |
| #1        | 2187.8  | 10181.  | 4626.7  | 82.923 | 2282.8 |
| #2        | 2185.7  | 10191.  | 4617.1  | 81.005 | 2282.6 |

Sample Name: LLCCV01      Acquired: 7/10/2017 12:14:56      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: LLCCV01      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02133 | .03911 | .01115 | .02121 | .05060 | .11084 | .10373 | .00637 | .00621 |
| Stddev | .00045 | .00071 | .00222 | .00030 | .00009 | .01441 | .00012 | .00007 | .00012 |
| %RSD   | 2.0961 | 1.8148 | 19.913 | 1.3957 | .16837 | 13.002 | .11857 | 1.0911 | 1.9666 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .02101 | .03861 | .01272 | .02142 | .05054 | .10065 | .10382 | .00642 | .00612 |
| #2 | .02165 | .03961 | .00958 | .02100 | .05066 | .12103 | .10365 | .00632 | .00629 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.0766 | .01226 | .03022 | .02376 | .11752 | .02054 | 2.0851 | .04033 | .01004 |
| Stddev | .0072  | .00264 | .00022 | .00045 | .00920 | .00045 | .0510  | .00019 | .00396 |
| %RSD   | .34585 | 21.521 | .73286 | 1.8739 | 7.8298 | 2.2063 | 2.4447 | .46959 | 39.424 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.0817 | .01040 | .03007 | .02345 | .11101 | .02022 | 2.1211 | .04020 | .01284 |
| #2 | 2.0715 | .01413 | .03038 | .02408 | .12402 | .02086 | 2.0491 | .04046 | .00724 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.1203 | .04320 | .04299 | 2.1134 | .21609 | .11339 | .02135 | .39091 | .04332 |
| Stddev | .0053  | .00039 | .00080 | .0379  | .00050 | .00529 | .00019 | .00470 | .00200 |
| %RSD   | .24764 | .90332 | 1.8589 | 1.7930 | .23162 | 4.6682 | .90587 | 1.2022 | 4.6206 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.1240 | .04347 | .04243 | 2.1402 | .21645 | .11713 | .02148 | .38759 | .04474 |
| #2 | 2.1166 | .04292 | .04356 | 2.0866 | .21574 | .10965 | .02121 | .39423 | .04191 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | .04482 | .02469 | .0206  | .02197 |
| Stddev | .00146 | .00163 | .0004  | .00001 |
| %RSD   | 3.2629 | 6.5828 | 1.759  | .05644 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .04379 | .02584 | .0203 | .02196 |
| #2 | .04586 | .02354 | .0209 | .02198 |

Sample Name: LLCCV01      Acquired: 7/10/2017 12:14:56      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: LLCCV01      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2209.0  | 9906.9  | 4507.8  | 31.703 | 2349.3 |
| Stddev    | 3.9     | 1.5     | 35.6    | 1.627  | 2.0    |
| %RSD      | .17578  | .01542  | .78875  | 1.9912 | .08446 |
| #1        | 2206.2  | 9905.8  | 4482.7  | 82.854 | 2347.9 |
| #2        | 2211.7  | 9908.0  | 4533.0  | 80.553 | 2350.7 |

Sample Name: CCB01      Acquired: 7/10/2017 12:19:00      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB01      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |         |         |         |        |        |        |
|--------|--------|--------|---------|---------|---------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203  | Se1960  | Sb2068  | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm     | ppm     | ppm     | ppm    | ppm    | ppm    |
| Avg    | .00110 | .00179 | -.00016 | -.00151 | -.00089 | .00238 | .00038 | .00029 |
| Stddev | .00121 | .00029 | .00095  | .00042  | .00088  | .01694 | .00057 | .00011 |
| %RSD   | 109.82 | 16.454 | 591.18  | 27.641  | 98.997  | 711.28 | 146.95 | 39.999 |

|    |        |        |         |         |         |         |         |        |
|----|--------|--------|---------|---------|---------|---------|---------|--------|
| #1 | .00025 | .00200 | -.00084 | -.00121 | -.00027 | -.00960 | -.00002 | .00020 |
| #2 | .00195 | .00158 | .00051  | -.00180 | -.00151 | .01436  | .00078  | .00037 |

|        |        |        |         |        |        |         |        |        |
|--------|--------|--------|---------|--------|--------|---------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677  | Co2286 | Cu2247 | Fe2404  | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm     | ppm    | ppm    | ppm     | ppm    | ppm    |
| Avg    | .00007 | .01000 | -.00197 | .00036 | .00092 | -.00345 | .00006 | .02645 |
| Stddev | .00011 | .00648 | .00288  | .00015 | .00031 | .00964  | .00040 | .04324 |
| %RSD   | 167.32 | 64.837 | 145.89  | 41.850 | 33.793 | 279.52  | 668.61 | 163.48 |

|    |         |        |         |        |        |         |         |         |
|----|---------|--------|---------|--------|--------|---------|---------|---------|
| #1 | -.00001 | .00541 | -.00401 | .00046 | .00113 | .00337  | .00035  | -.00413 |
| #2 | .00015  | .01458 | .00006  | .00025 | .00070 | -.01027 | -.00023 | .05702  |

|        |        |        |        |         |         |        |        |         |
|--------|--------|--------|--------|---------|---------|--------|--------|---------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924  | Zn2138  | K_7664 | Mo2020 | B_2496  |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm     | ppm    | ppm    | ppm     |
| Avg    | .00029 | .00307 | .05646 | -.00177 | -.00017 | .03552 | .00106 | -.00058 |
| Stddev | .00064 | .00289 | .00365 | .00123  | .00010  | .00632 | .00039 | .01266  |
| %RSD   | 221.24 | 94.053 | 6.4679 | 69.475  | 55.662  | 17.787 | 37.076 | 2191.2  |

|    |         |        |        |         |         |        |        |         |
|----|---------|--------|--------|---------|---------|--------|--------|---------|
| #1 | .00075  | .00103 | .05388 | -.00090 | -.00010 | .03998 | .00134 | .00837  |
| #2 | -.00016 | .00511 | .05905 | -.00263 | -.00024 | .03105 | .00078 | -.00953 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .00007 | .00639 | .00170 | .00183 | .00275 | .0015  | .00017 |  |
| Stddev | .00063 | .00258 | .00083 | .00004 | .00083 | .0006  | .00000 |  |
| %RSD   | 848.51 | 40.314 | 48.852 | 2.0218 | 30.041 | 40.23  | .32781 |  |

|    |         |        |        |        |        |       |        |  |
|----|---------|--------|--------|--------|--------|-------|--------|--|
| #1 | -.00052 | .00821 | .00229 | .00185 | .00333 | .0020 | .00017 |  |
| #2 | .00037  | .00457 | .00111 | .00180 | .00216 | .0011 | .00017 |  |

Sample Name: CCB01      Acquired: 7/10/2017 12:19:00      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB01      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2254.5  | 10048.  | 4598.6  | 32.747 | 2373.5 |
| Stddev    | 6.6     | 43.     | 21.9    | .256   | 6.1    |
| %RSD      | .29294  | .42749  | .47680  | .30880 | .25780 |
| #1        | 2249.8  | 10018.  | 4614.1  | 82.567 | 2369.2 |
| #2        | 2259.1  | 10078.  | 4583.1  | 82.928 | 2377.8 |

Sample Name: PB100480BL      Acquired: 7/10/2017 12:35:27      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: PB100480BL      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00389 | .00216 | .00009 | .00388 | .00043 | .00554 | .00092 | .00051 |
| Stddev | .00040 | .00050 | .00110 | .00069 | .00071 | .00202 | .00038 | .00022 |
| %RSD   | 10.154 | 23.275 | 1212.9 | 17.779 | 165.11 | 36.480 | 41.737 | 42.898 |

|    |        |        |         |         |         |        |        |        |
|----|--------|--------|---------|---------|---------|--------|--------|--------|
| #1 | .00361 | .00180 | -.00069 | -.00437 | -.00094 | .00411 | .00065 | .00035 |
| #2 | .00417 | .00251 | .00087  | -.00339 | .00007  | .00697 | .00119 | .00066 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00005 | .02367 | .00262 | .00041 | .00058 | .00495 | .00027 | .01050 |
| Stddev | .00000 | .00716 | .00204 | .00002 | .00015 | .01416 | .00001 | .01755 |
| %RSD   | 6.6557 | 30.236 | 77.798 | 5.3486 | 24.831 | 286.02 | 4.2996 | 167.21 |

|    |         |        |         |        |        |         |        |         |
|----|---------|--------|---------|--------|--------|---------|--------|---------|
| #1 | -.00004 | .02874 | -.00407 | .00039 | .00048 | -.00506 | .00027 | .02291  |
| #2 | -.00005 | .01861 | -.00118 | .00043 | .00069 | .01496  | .00026 | -.00191 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00003 | .00291 | .04975 | .00083 | .00019 | .03717 | .00009 | .00657 |
| Stddev | .00010 | .00039 | .00776 | .00079 | .00010 | .00627 | .00004 | .00481 |
| %RSD   | 343.58 | 13.292 | 15.607 | 95.109 | 53.065 | 16.875 | 43.110 | 73.140 |

|    |         |         |        |         |         |        |        |         |
|----|---------|---------|--------|---------|---------|--------|--------|---------|
| #1 | -.00010 | -.00319 | .04426 | -.00138 | -.00027 | .04161 | .00007 | -.00317 |
| #2 | .00004  | -.00264 | .05524 | -.00027 | -.00012 | .03274 | .00012 | -.00997 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00147 | .00582 | .00040 | .00159 | .00080 | .0006  | .00011 |
| Stddev | .00274 | .01550 | .00053 | .00003 | .00240 | .0008  | .00009 |
| %RSD   | 186.40 | 266.15 | 133.04 | 1.9710 | 299.22 | 143.3  | 81.733 |

|    |         |         |        |        |         |       |        |
|----|---------|---------|--------|--------|---------|-------|--------|
| #1 | .00340  | -.00514 | .00077 | .00157 | -.00089 | .0000 | .00018 |
| #2 | -.00047 | .01679  | .00002 | .00161 | .00250  | .0011 | .00005 |



Sample Name: PB100480BL      Acquired: 7/10/2017 12:35:27      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: PB100480BL      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2287.6  | 9886.9  | 4489.2  | 31.744 | 2414.7 |
| Stddev    | 50.8    | 1.8     | 31.1    | 3.201  | 54.4   |
| %RSD      | 2.2208  | .01869  | .69280  | 3.9155 | 2.2532 |
| #1        | 2323.5  | 9888.2  | 4511.1  | 84.008 | 2453.2 |
| #2        | 2251.7  | 9885.6  | 4467.2  | 79.481 | 2376.3 |

Sample Name: PB100480BS      Acquired: 7/10/2017 12:39:36      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: PB100480BS      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .81850 | 1.9551 | 1.0041 | 1.9086 | .82100 | 2.2538 | .22284 | .21750 |
| Stddev | .00050 | .0032  | .0032  | .0007  | .00256 | .0089  | .00055 | .00028 |
| %RSD   | .06083 | .16257 | .32346 | .03505 | .31178 | .39399 | .24690 | .13035 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .81885 | 1.9574 | 1.0018 | 1.9082 | .82281 | 2.2476 | .22323 | .21730 |
| #2 | .81815 | 1.9529 | 1.0064 | 1.9091 | .81919 | 2.2601 | .22246 | .21770 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .20625 | 1.1700 | .42791 | .21098 | .32987 | 3.1607 | .21908 | 2.2511 |
| Stddev | .00047 | .0115  | .00047 | .00016 | .00050 | .1101  | .00106 | .0246  |
| %RSD   | .22770 | .97888 | .11017 | .07455 | .15134 | 3.4828 | .48613 | 1.0924 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .20592 | 1.1781 | .42824 | .21087 | .33022 | 3.0828 | .21983 | 2.2337 |
| #2 | .20659 | 1.1619 | .42757 | .21110 | .32952 | 3.2385 | .21832 | 2.2685 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .52857 | .07567 | 3.3534 | .32330 | .21160 | 10.934 | .43093 | .34677 |
| Stddev | .00055 | .00280 | .0112  | .00086 | .00708 | .076   | .00011 | .00150 |
| %RSD   | .10354 | 3.6940 | .33293 | .26665 | 3.3444 | .69107 | .02531 | .43326 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .52819 | .07369 | 3.3613 | .32269 | .20659 | 10.988 | .43085 | .34783 |
| #2 | .52896 | .07765 | 3.3455 | .32391 | .21660 | 10.881 | .43101 | .34571 |

|        |          |        |        |        |        |        |        |  |
|--------|----------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820   | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm      | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | F .00279 | .96362 | .72944 | .22203 | .22751 | 5.885  | .20648 |  |
| Stddev | .00164   | .00552 | .00107 | .00050 | .00045 | .006   | .00076 |  |
| %RSD   | 58.697   | .57296 | .14672 | .22503 | .19759 | .0965  | .37046 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | .00395 | .95972 | .72869 | .22168 | .22783 | 5.881 | .20702 |  |
| #2 | .00163 | .96752 | .73020 | .22238 | .22719 | 5.889 | .20594 |  |

Sample Name: PB100480BS      Acquired: 7/10/2017 12:39:36      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: PB100480BS      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2214.0  | 9839.8  | 4488.4  | 33.478 | 2380.5 |
| Stddev    | 10.3    | 23.3    | 23.3    | 2.384  | 5.9    |
| %RSD      | .46555  | .23713  | .51834  | 2.8557 | .24687 |
| #1        | 2206.8  | 9823.3  | 4471.9  | 85.164 | 2376.3 |
| #2        | 2221.3  | 9856.3  | 4504.8  | 81.793 | 2384.7 |

Sample Name: I4071-01      Acquired: 7/10/2017 12:43:33      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: HR-06-070617      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .04427 | .00160 | .44239 | .10347 | .00396 | 156.54 | .46803 | .00590 |
| Stddev | .00283 | .00134 | .00027 | .00032 | .00286 | .06    | .00076 | .00002 |
| %RSD   | 6.3951 | 83.782 | .06023 | .31274 | 72.350 | .03638 | .16185 | .35429 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .04627 | -.00065 | .44258 | .10324 | .00193 | 156.50 | .46856 | .00588 |
| #2 | .04226 | -.00254 | .44220 | .10370 | .00598 | 156.58 | .46749 | .00591 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00192 | 22.268 | .17433 | .12224 | .23650 | 304.55 | 3.4562 | 45.104 |
| Stddev | .00008 | .018   | .00045 | .00016 | .00098 | .59    | .0053  | .032   |
| %RSD   | 4.3460 | .08185 | .25603 | .12728 | .41526 | .19409 | .15245 | .06983 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00186 | 22.280 | .17401 | .12213 | .23581 | 304.97 | 3.4524 | 45.126 |
| #2 | .00198 | 22.255 | .17464 | .12235 | .23719 | 304.13 | 3.4599 | 45.082 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .20362 | .02234 | 10.789 | .40622 | .56058 | 7.2737 | .00259 | .37501 |
| Stddev | .00029 | .00268 | .038   | .00437 | .00135 | .0307  | .00038 | .00150 |
| %RSD   | .14096 | 11.979 | .35555 | 1.0751 | .24153 | .42207 | 14.625 | .40013 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .20382 | .02423 | 10.762 | .40313 | .56154 | 7.2520 | .00286 | .37395 |
| #2 | .20342 | .02045 | 10.816 | .40930 | .55963 | 7.2955 | .00233 | .37607 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.2913 | 4.2125 | .02808 | 3.8772 | .15528 | 5.935  | .08580 |
| Stddev | .0005  | .0422  | .00011 | .0031  | .00110 | .007   | .00015 |
| %RSD   | .04079 | 1.0019 | .38413 | .07894 | .71068 | .1153  | .17593 |

|    |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|-------|--------|
| #1 | 1.2916 | 4.1826 | .02801 | 3.8751 | .15450 | 5.931 | .08590 |
| #2 | 1.2909 | 4.2423 | .02816 | 3.8794 | .15606 | 5.940 | .08569 |

Sample Name: I4071-01      Acquired: 7/10/2017 12:43:33      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: HR-06-070617      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2666.0  | 12610.  | 5779.1  | 33.781 | 2239.6 |
| Stddev    | 1.2     | 29.     | .4      | .202   | .1     |
| %RSD      | .04506  | .22739  | .00633  | .24106 | .00340 |
| #1        | 2666.8  | 12590.  | 5779.4  | 83.638 | 2239.6 |
| #2        | 2665.1  | 12630.  | 5778.9  | 83.924 | 2239.5 |

Sample Name: I4071-04      Acquired: 7/10/2017 12:47:33      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: HR-06-070617      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .03623 | .00119 | .37912 | .06344 | .00132 | 121.64 | .62590 | .00486 | .00083 |
| Stddev | .00011 | .00113 | .00122 | .00096 | .00030 | .44    | .00282 | .00044 | .00002 |
| %RSD   | .28995 | 95.535 | .32216 | 1.5095 | 22.820 | .35857 | .45003 | 8.9919 | 2.6798 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .03631 | .00039 | .37998 | .06277 | .00111 | 121.33 | .62391 | .00455 | .00082 |
| #2 | .03616 | .00199 | .37825 | .06412 | .00154 | 121.95 | .62790 | .00517 | .00085 |

|        |        |        |        |        |         |        |        |        |        |
|--------|--------|--------|--------|--------|---------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404  | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    |
| Avg    | 32.676 | .12994 | .08592 | .29724 | .209.43 | 3.4829 | 28.383 | .17343 | .01758 |
| Stddev | .204   | .00044 | .00063 | .00172 | 1.46    | .0169  | .138   | .00044 | .00090 |
| %RSD   | .32609 | .34028 | .73808 | .57753 | .69746  | .26093 | .48502 | .25382 | 5.0934 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 62.532 | .13025 | .08637 | .29603 | 210.47 | 6.4709 | 28.286 | .17374 | .01821 |
| #2 | 62.821 | .12963 | .08547 | .29846 | 208.40 | 6.4949 | 28.481 | .17311 | .01695 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 9.6012 | .26824 | .58310 | 9.8623 | .00265 | .25046 | 4.0196 | 4.2771 | .02115 |
| Stddev | .0070  | .00565 | .00427 | .0162  | .00008 | .01100 | .0037  | .0151  | .00111 |
| %RSD   | .07260 | 2.1047 | .73214 | .16466 | 2.9827 | 4.3911 | .09224 | .35257 | 5.2343 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 9.6061 | .26424 | .58612 | 9.8508 | .00271 | .25823 | 4.0222 | 4.2665 | .02193 |
| #2 | 9.5962 | .27223 | .58009 | 9.8738 | .00259 | .24268 | 4.0169 | 4.2878 | .02037 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.0964 | .11341 | 7.109  | 30993  |
| Stddev | .0131  | .00071 | .022   | .00150 |
| %RSD   | .62442 | .62448 | .3165  | .48256 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 2.0872 | .11291 | 7.125 | .30887 |
| #2 | 2.1057 | .11392 | 7.093 | .31099 |

Sample Name: I4071-04      Acquired: 7/10/2017 12:47:33      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: HR-06-070617 Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2584.5  | 12291.  | 5668.9  | 32.261 | 2270.9 |
| Stddev    | 3.7     | 4.      | 3.8     | .805   | 8.8    |
| %RSD      | .14328  | .03371  | .06643  | .97803 | .38729 |
| #1        | 2581.8  | 12294.  | 5671.6  | 81.692 | 2264.7 |
| #2        | 2587.1  | 12288.  | 5666.2  | 82.829 | 2277.2 |

Sample Name: I4071-07      Acquired: 7/10/2017 12:51:31      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: HR-06-070617      Custom ID2:      Custom ID3:  
Comment:

|        |        |         |        |        |        |         |        |        |
|--------|--------|---------|--------|--------|--------|---------|--------|--------|
| Elem   | As1890 | Tl1908  | Pb2203 | Se1960 | Sb2068 | Al3961  | Ba4934 | Be2348 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm     | ppm    | ppm    |
| Avg    | .08415 | .00638  | .27265 | .10031 | .01066 | .230.75 | .82522 | .00445 |
| Stddev | .00033 | .01194  | .00286 | .00416 | .00001 | 1.52    | .00362 | .00016 |
| %RSD   | .38966 | 187.08  | 1.0508 | 4.1495 | .08641 | .65847  | .43810 | 3.5404 |
| #1     | .08392 | -.01483 | .27062 | .09737 | .01066 | 229.67  | .82267 | .00456 |
| #2     | .08439 | .00206  | .27468 | .10326 | .01065 | 231.82  | .82778 | .00434 |
| Elem   | Cd2265 | Ca3736  | Cr2677 | Co2286 | Cu2247 | Fe2404  | Mn2576 | Mg2790 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm     | ppm    | ppm    |
| Avg    | .01601 | 351.12  | .37750 | .41549 | .75811 | 301.34  | 3.9064 | 542.82 |
| Stddev | .00140 | 5.10    | .00073 | .00332 | .00171 | 17.93   | .0350  | .57    |
| %RSD   | 8.7613 | .59890  | .19342 | .79861 | .22513 | 2.9823  | .39263 | .10418 |
| #1     | .01700 | 847.52  | .37699 | .41315 | .75690 | 588.66  | 8.8817 | 543.22 |
| #2     | .01502 | 854.73  | .37802 | .41784 | .75932 | 614.02  | 8.9312 | 542.42 |
| Elem   | Ni2316 | Ag3280  | Na5895 | V_2924 | Zn2138 | K_7664  | Mo2020 | B_2496 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm     | ppm    | ppm    |
| Avg    | .71638 | .04771  | 11.345 | .80949 | 1.1094 | 12.146  | .00410 | 3.7517 |
| Stddev | .00394 | .00631  | .017   | .00470 | .0357  | .041    | .00042 | .0367  |
| %RSD   | .55012 | 13.228  | .14754 | .58031 | 3.2201 | .33364  | 10.124 | .97822 |
| #1     | .71359 | .04324  | 11.333 | .80617 | 1.0841 | 12.117  | .00381 | 3.7258 |
| #2     | .71917 | .05217  | 11.357 | .81281 | 1.1347 | 12.175  | .00439 | 3.7777 |
| Elem   | S_1820 | Si2881  | Sn1899 | Ti3361 | Li6707 | P_1774  | Sr4077 |        |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm     | ppm    |        |
| Avg    | 4.1566 | 3.7293  | .04454 | 19.626 | .44144 | 10.48   | 1.2282 |        |
| Stddev | .0206  | .0090   | .00092 | .017   | .00139 | .05     | .0025  |        |
| %RSD   | .49462 | .24214  | 2.0624 | .08756 | .31574 | .4801   | .20409 |        |
| #1     | 4.1420 | 3.7229  | .04389 | 19.639 | .44045 | 10.45   | 1.2265 |        |
| #2     | 4.1711 | 3.7357  | .04519 | 19.614 | .44242 | 10.52   | 1.2300 |        |



Sample Name: I4071-07      Acquired: 7/10/2017 12:51:31      Type: Unk  
 Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: HR-06-070617 Custom ID2:      Custom ID3:  
 Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2390.1  | 12703.  | 5567.7  | 59.280 | 1784.4 |
| Stddev    | 11.4    | 46.     | 2.2     | 2.014  | 9.5    |
| %RSD      | .47822  | .36393  | .03878  | 2.9066 | .53517 |
| #1        | 2398.1  | 12736.  | 5566.2  | 70.704 | 1791.1 |
| #2        | 2382.0  | 12670.  | 5569.2  | 67.856 | 1777.6 |

Sample Name: I4076-01      Acquired: 7/10/2017 12:55:40      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: KY030LC068-S      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .08408 | .00179 | .24786 | .07767 | .00146 | 180.27 | .90389 | .00883 |
| Stddev | .00014 | .00255 | .00073 | .00136 | .00070 | 2.52   | .00134 | .00033 |
| %RSD   | .16124 | 142.85 | .29434 | 1.7512 | 47.897 | 1.3994 | .14850 | 3.7532 |

|    |        |         |        |         |        |        |        |        |
|----|--------|---------|--------|---------|--------|--------|--------|--------|
| #1 | .08418 | .00359  | .24735 | -.07671 | .00096 | 182.05 | .90484 | .00906 |
| #2 | .08399 | -.00002 | .24838 | -.07863 | .00195 | 178.48 | .90295 | .00859 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01083 | 1302.4 | .32262 | .07703 | .08769 | 228.17 | 3.6109 | 43.944 |
| Stddev | .00054 | 5.9    | .00342 | .00080 | .00217 | 1.63   | .0302  | .048   |
| %RSD   | 5.0034 | .45617 | 1.0609 | 1.0428 | 2.4765 | .71571 | .83746 | .11018 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .01045 | 1298.2 | .32504 | .07646 | .08615 | 229.32 | 3.6323 | 43.978 |
| #2 | .01121 | 1306.6 | .32020 | .07760 | .08922 | 227.01 | 3.5896 | 43.910 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .20235 | .02081 | 1.6809 | .31895 | .79750 | 47.445 | .00167 | .34656 |
| Stddev | .00114 | .00008 | .0128  | .00123 | .00347 | .128   | .00017 | .00232 |
| %RSD   | .56322 | .38800 | .76100 | .38442 | .43518 | .26901 | 9.9445 | .66854 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .20154 | .02075 | 1.6719 | .31808 | .79996 | 47.355 | .00179 | .34820 |
| #2 | .20315 | .02086 | 1.6900 | .31981 | .79505 | 47.535 | .00155 | .34492 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 9.9601 | 11.536 | .01725 | .28591 | .16273 | 18.26  | 1.4568 |
| Stddev | .0641  | .141   | .00161 | .00183 | .00048 | .10    | .0001  |
| %RSD   | .64367 | 1.2235 | 9.3558 | .64121 | .29435 | .5692  | .00456 |

|    |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|-------|--------|
| #1 | 9.9148 | 11.436 | .01611 | .28721 | .16307 | 18.19 | 1.4568 |
| #2 | 10.005 | 11.636 | .01839 | .28461 | .16240 | 18.34 | 1.4569 |

Sample Name: I4076-01      Acquired: 7/10/2017 12:55:40      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: KY030LC068-S      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2472.7  | 13040.  | 5794.5  | 73.927 | 1990.2 |
| Stddev    | 3.6     | 171.    | 12.2    | .446   | 9.6    |
| %RSD      | .14537  | 1.3139  | .21006  | .60329 | .48165 |
| #1        | 2475.2  | 12919.  | 5803.1  | 73.612 | 1997.0 |
| #2        | 2470.1  | 13161.  | 5785.9  | 74.242 | 1983.4 |

Sample Name: I4076-01DUP      Acquired: 7/10/2017 12:59:46      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: KY030LC068-S      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .08516 | .00130 | .25053 | .07296 | .00094 | 182.92 | .90629 | .00869 |
| Stddev | .00056 | .00433 | .00202 | .00237 | .00034 | .12    | .00071 | .00013 |
| %RSD   | .66263 | 333.88 | .80760 | 3.2528 | 36.196 | .06490 | .07825 | 1.4730 |

|    |        |         |        |         |        |        |        |        |
|----|--------|---------|--------|---------|--------|--------|--------|--------|
| #1 | .08476 | .00436  | .24910 | -.07128 | .00070 | 183.01 | .90579 | .00878 |
| #2 | .08556 | -.00176 | .25196 | -.07463 | .00118 | 182.84 | .90679 | .00860 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01019 | 1303.5 | .32617 | .07752 | .08506 | 234.29 | 3.6601 | 44.061 |
| Stddev | .00006 | 6.5    | .00091 | .00047 | .00011 | .36    | .0006  | .166   |
| %RSD   | .63351 | .49591 | .27812 | .61229 | .13147 | .15476 | .01722 | .37701 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .01015 | 1299.0 | .32553 | .07718 | .08498 | 234.04 | 3.6606 | 43.944 |
| #2 | .01024 | 1308.1 | .32681 | .07785 | .08514 | 234.55 | 3.6597 | 44.179 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .20339 | .02163 | 1.6855 | .32013 | .81755 | 47.702 | .00171 | .35108 |
| Stddev | .00108 | .00003 | .0112  | .00252 | .00015 | .081   | .00021 | .00848 |
| %RSD   | .52875 | .14626 | .66636 | .78696 | .01849 | .17009 | 12.312 | 2.4161 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .20263 | .02165 | 1.6776 | .32191 | .81765 | 47.644 | .00156 | .34508 |
| #2 | .20415 | .02161 | 1.6935 | .31835 | .81744 | 47.759 | .00186 | .35708 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 10.002 | 11.536 | .01794 | .28465 | .16534 | 18.39  | 1.4624 |
| Stddev | .009   | .004   | .00074 | .00130 | .00011 | .04    | .0050  |
| %RSD   | .08769 | .03794 | 4.1210 | .45545 | .06463 | .2040  | .34006 |

|    |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|-------|--------|
| #1 | 9.9957 | 11.539 | .01742 | .28374 | .16526 | 18.36 | 1.4589 |
| #2 | 10.008 | 11.533 | .01847 | .28557 | .16542 | 18.42 | 1.4659 |

Sample Name: I4076-01DUP      Acquired: 7/10/2017 12:59:46      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: KY030LC068-S Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2468.3  | 12920.  | 5785.5  | 72.236 | 1983.6 |
| Stddev    | .3      | 4.      | 20.7    | .014   | .3     |
| %RSD      | .01228  | .03174  | .35758  | .01909 | .01456 |
| #1        | 2468.5  | 12917.  | 5800.2  | 72.245 | 1983.4 |
| #2        | 2468.1  | 12922.  | 5770.9  | 72.226 | 1983.8 |

Sample Name: CCV02      Acquired: 7/10/2017 13:08:04      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: ICSA5747      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 5.0223 | 4.9187 | 4.8806 | 5.0694 | 5.0669 | 10.506 | 10.165 | .25240 | 2.4583 |
| Stddev | .0027  | .0293  | .0318  | .0264  | .0106  | .062   | .134   | .00077 | .0131  |
| %RSD   | .05316 | .59513 | .65048 | .52153 | .20987 | .59343 | 1.3133 | .30361 | .53158 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 5.0242 | 4.9394 | 4.9031 | 5.0881 | 5.0744 | 10.550 | 10.259 | .25294 | 2.4675 |
| #2 | 5.0204 | 4.8980 | 4.8582 | 5.0507 | 5.0593 | 10.462 | 10.071 | .25186 | 2.4490 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 25.452 | .99135 | 2.4636 | 1.2615 | 5.1728 | 2.5289 | 25.201 | 2.4707 | 1.2516 |
| Stddev | .040   | .00570 | .0157  | .0040  | .0505  | .0045  | .147   | .0094  | .0004  |
| %RSD   | .15652 | .57461 | .63780 | .31473 | .97685 | .17866 | .58257 | .37896 | .02954 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 25.480 | .99538 | 2.4748 | 1.2643 | 5.1370 | 2.5321 | 25.097 | 2.4773 | 1.2514 |
| #2 | 25.424 | .98732 | 2.4525 | 1.2587 | 5.2085 | 2.5257 | 25.304 | 2.4641 | 1.2519 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 25.281 | 2.5173 | 2.5827 | 25.669 | 5.0586 | 5.2024 | 4.9829 | 4.9271 | 4.9082 |
| Stddev | .031   | .0001  | .0315  | .005   | .0147  | .0094  | .0391  | .0249  | .0207  |
| %RSD   | .12415 | .00402 | 1.2205 | .02098 | .29040 | .18030 | .78391 | .50461 | .42178 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 25.303 | 2.5172 | 2.5604 | 25.665 | 5.0690 | 5.1957 | 5.0105 | 4.9095 | 4.9229 |
| #2 | 25.259 | 2.5174 | 2.6050 | 25.672 | 5.0482 | 5.2090 | 4.9552 | 4.9446 | 4.8936 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 5.0517 | 5.1705 | 5.123  | 5.0737 |
| Stddev | .0159  | .0046  | .028   | .0746  |
| %RSD   | .31522 | .08926 | .5450  | 1.4696 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 5.0629 | 5.1738 | 5.143 | 5.1264 |
| #2 | 5.0404 | 5.1673 | 5.103 | 5.0210 |

Sample Name: CCV02      Acquired: 7/10/2017 13:08:04      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: ICSA5747      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2160.5  | 10045.  | 4550.9  | 78.660 | 2257.4 |
| Stddev    | 9.6     | 50.     | 3.0     | .806   | 15.5   |
| %RSD      | .44284  | .49855  | .06697  | 1.0252 | .68599 |
| #1        | 2153.8  | 10010.  | 4548.7  | 79.230 | 2246.4 |
| #2        | 2167.3  | 10081.  | 4553.1  | 78.089 | 2268.3 |

Sample Name: CCB02      Acquired: 7/10/2017 13:12:08      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: ICSAB5747      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00222 | .00310 | .00114 | .00167 | .00046 | .01129 | .00078 | .00018 |
| Stddev | .00412 | .00119 | .00155 | .00032 | .00105 | .00851 | .00007 | .00008 |
| %RSD   | 185.49 | 38.504 | 135.23 | 19.354 | 229.17 | 75.421 | 9.0596 | 45.476 |

|    |         |        |         |         |         |        |        |        |
|----|---------|--------|---------|---------|---------|--------|--------|--------|
| #1 | -.00069 | .00395 | -.00224 | -.00190 | .00028  | .00527 | .00083 | .00023 |
| #2 | .00514  | .00226 | -.00005 | -.00144 | -.00120 | .01731 | .00073 | .00012 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00000 | .02310 | .00098 | .00068 | .00133 | .04873 | .00024 | .00922 |
| Stddev | .00008 | .00434 | .00009 | .00008 | .00003 | .00518 | .00056 | .01553 |
| %RSD   | 3141.0 | 18.771 | 8.7465 | 11.035 | 2.1772 | 10.635 | 233.70 | 168.43 |

|    |         |        |        |        |        |        |         |         |
|----|---------|--------|--------|--------|--------|--------|---------|---------|
| #1 | -.00006 | .02617 | .00092 | .00073 | .00135 | .05239 | -.00016 | .02021  |
| #2 | .00006  | .02004 | .00104 | .00063 | .00131 | .04506 | .00064  | -.00176 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00060 | .00038 | .06128 | .00347 | .00021 | .02219 | .00367 | .00846 |
| Stddev | .00041 | .00234 | .00992 | .00151 | .00023 | .00974 | .00041 | .00558 |
| %RSD   | 68.618 | 612.07 | 16.185 | 43.650 | 113.44 | 43.915 | 11.154 | 65.893 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .00089 | .00204  | .06830 | .00454 | .00037 | .02908 | .00396 | .00452 |
| #2 | .00031 | -.00127 | .05427 | .00240 | .00004 | .01530 | .00338 | .01241 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .00412 | .00681 | .00290 | .00247 | .00080 | .00002 | .00025 |  |
| Stddev | .00060 | .01779 | .00103 | .00029 | .00048 | .00005 | .00005 |  |
| %RSD   | 14.606 | 261.35 | 35.460 | 11.743 | 60.374 | 197.4  | 20.557 |  |

|    |        |         |        |        |        |        |        |  |
|----|--------|---------|--------|--------|--------|--------|--------|--|
| #1 | .00454 | .01939  | .00363 | .00267 | .00046 | -.0006 | .00029 |  |
| #2 | .00369 | -.00577 | .00218 | .00226 | .00114 | .0001  | .00021 |  |



Sample Name: CCB02      Acquired: 7/10/2017 13:12:08      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: ICSAB5747      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2239.2  | 9984.7  | 4545.0  | 31.520 | 2366.1 |
| Stddev    | 4.3     | 49.6    | 10.1    | 1.176  | .9     |
| %RSD      | .19057  | .49721  | .22248  | 1.4430 | .03977 |
| #1        | 2236.2  | 10020.  | 4537.9  | 80.688 | 2365.4 |
| #2        | 2242.2  | 9949.6  | 4552.2  | 82.352 | 2366.8 |

Sample Name: I4076-01LX5      Acquired: 7/10/2017 13:16:20      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: KY030LC068-S      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.0068 | .96902 | 1.0147 | .97213 | .98791 | 46.887 | 2.1546 | .05080 | .47661 |
| Stddev | .0040  | .00083 | .0035  | .00313 | .00031 | .074   | .0008  | .00037 | .00148 |
| %RSD   | .39488 | .08524 | .34905 | .32186 | .03174 | .15767 | .03749 | .73427 | .31034 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.0040 | .96960 | 1.0122 | .96992 | .98813 | 46.835 | 2.1540 | .05053 | .47556 |
| #2 | 1.0096 | .96843 | 1.0172 | .97434 | .98768 | 46.939 | 2.1551 | .05106 | .47766 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 345.70 | .26761 | .50483 | .26671 | 47.744 | 1.3819 | 16.112 | .52580 | .24819 |
| Stddev | .68    | .00299 | .00258 | .00075 | .504   | .0023  | .031   | .00085 | .00086 |
| %RSD   | .19561 | 1.1176 | .51138 | .28171 | 1.0550 | .16788 | .19096 | .16110 | .34459 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 345.22 | .26550 | .50300 | .26617 | 48.100 | 1.3802 | 16.134 | .52520 | .24759 |
| #2 | 346.18 | .26973 | .50666 | .26724 | 47.388 | 1.3835 | 16.090 | .52639 | .24880 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 5.3775 | .56180 | .66479 | 16.443 | .99028 | 1.0619 | 2.9380 | 3.7521 | .97613 |
| Stddev | .0333  | .00383 | .00633 | .074   | .00468 | .0116  | .0082  | .0299  | .00107 |
| %RSD   | .62017 | .68135 | .95237 | .44827 | .47237 | 1.0923 | .27855 | .79560 | .10948 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 5.3539 | .55909 | .66926 | 16.391 | .98698 | 1.0537 | 2.9322 | 3.7310 | .97538 |
| #2 | 5.4010 | .56451 | .66031 | 16.495 | .99359 | 1.0701 | 2.9438 | 3.7732 | .97689 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.0266 | 1.0669 | 4.727  | 1.3321 |
| Stddev | .0016  | .0027  | .020   | .0004  |
| %RSD   | .15199 | .24933 | .4170  | .02777 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 1.0277 | 1.0651 | 4.713 | 1.3318 |
| #2 | 1.0254 | 1.0688 | 4.740 | 1.3324 |

Sample Name: I4076-01LX5      Acquired: 7/10/2017 13:16:20      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: KY030LC068-S Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2215.3  | 10752.  | 4836.9  | 30.176 | 2247.1 |
| Stddev    | 2.1     | .       | 10.9    | 1.015  | 1.6    |
| %RSD      | .09299  | .00283  | .22537  | 1.2663 | .07153 |
| #1        | 2216.8  | 10752.  | 4844.6  | 79.458 | 2245.9 |
| #2        | 2213.9  | 10752.  | 4829.2  | 80.894 | 2248.2 |

Sample Name: I4076-02      Acquired: 7/10/2017 13:20:09      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: I4076-01MS      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .73102 | 1.9102 | 1.2031 | 1.4318 | .12929 | 209.40 | 1.0937 | .16865 | .19800 |
| Stddev | .00028 | .0002  | .0048  | .0029  | .00059 | .37    | .0010  | .00049 | .00171 |
| %RSD   | .03863 | .01027 | .39694 | .20623 | .45846 | .17820 | .09358 | .28997 | .86333 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .73122 | 1.9100 | 1.2065 | 1.4297 | .12888 | 209.66 | 1.0945 | .16831 | .19921 |
| #2 | .73082 | 1.9103 | 1.1997 | 1.4339 | .12971 | 209.14 | 1.0930 | .16900 | .19679 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1347.8 | .61542 | .27944 | .31819 | 249.64 | 3.9185 | 49.564 | .70502 | .07685 |
| Stddev | 3.6    | .00259 | .00090 | .00017 | 2.75   | .0046  | .109   | .00325 | .00055 |
| %RSD   | .26717 | .42160 | .32335 | .05192 | 1.1017 | .11621 | .22023 | .46029 | .71805 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1345.3 | .61359 | .28007 | .31807 | 247.70 | 3.9153 | 49.487 | .70732 | .07724 |
| #2 | 1350.3 | .61726 | .27880 | .31831 | 251.59 | 3.9217 | 49.641 | .70273 | .07646 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.2454 | .56198 | 1.0155 | 61.520 | .22045 | .54677 | 9.6473 | 10.396 | .64355 |
| Stddev | .0053  | .00426 | .0090  | .016   | .00052 | .00141 | .0360  | .006   | .00375 |
| %RSD   | .12361 | .75834 | .88762 | .02614 | .23787 | .25864 | .37313 | .05465 | .58345 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 4.2491 | .55897 | 1.0091 | 61.532 | .22008 | .54577 | 9.6727 | 10.392 | .64621 |
| #2 | 4.2416 | .56500 | 1.0219 | 61.509 | .22082 | .54777 | 9.6218 | 10.400 | .64090 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | .36017 | .36138 | 25.04  | 1.6728 |
| Stddev | .00275 | .00083 | .11    | .0029  |
| %RSD   | .76472 | .22860 | .4369  | .17366 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .36211 | .36079 | 25.12 | 1.6749 |
| #2 | .35822 | .36196 | 24.96 | 1.6708 |

Sample Name: I4076-02      Acquired: 7/10/2017 13:20:09      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: I4076-01MS      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2466.9  | 13152.  | 5753.8  | 73.667 | 1966.2 |
| Stddev    | 3.4     | 44.     | 15.5    | .524   | 10.0   |
| %RSD      | .13925  | .33567  | .26958  | .71104 | .50846 |
| #1        | 2464.4  | 13121.  | 5742.9  | 74.038 | 1959.1 |
| #2        | 2469.3  | 13183.  | 5764.8  | 73.297 | 1973.2 |

Sample Name: I4076-03      Acquired: 7/10/2017 13:24:12      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: I4076-01MSD      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .73188 | 1.9111 | 1.2002 | 1.4279 | .12893 | 209.55 | 1.0870 | .16940 | .19783 |
| Stddev | .00118 | .0159  | .0009  | .0046  | .00281 | .44    | .0019  | .00002 | .00074 |
| %RSD   | .16055 | .83327 | .07458 | .32174 | 2.1791 | .20775 | .17065 | .01361 | .37237 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .73271 | 1.8999 | 1.2008 | 1.4247 | .12694 | 209.86 | 1.0857 | .16938 | .19731 |
| #2 | .73105 | 1.9224 | 1.1995 | 1.4312 | .13091 | 209.25 | 1.0883 | .16942 | .19835 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1335.1 | .61578 | .27826 | .31719 | 248.95 | 3.9304 | 49.502 | .70374 | .07872 |
| Stddev | 1.7    | .00745 | .00060 | .00097 | 2.03   | .0015  | .115   | .00187 | .00031 |
| %RSD   | .12605 | 1.2096 | .21471 | .30533 | .81682 | .03717 | .23320 | .26581 | .39619 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1336.3 | .62104 | .27784 | .31651 | 250.39 | 3.9314 | 49.420 | .70242 | .07894 |
| #2 | 1333.9 | .61051 | .27868 | .31788 | 247.51 | 3.9293 | 49.583 | .70506 | .07850 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.2211 | .56274 | 1.0083 | 61.228 | .22003 | .54636 | 9.6240 | 10.367 | .64061 |
| Stddev | .0217  | .00145 | .0092  | .212   | .00080 | .00236 | .0164  | .081   | .00164 |
| %RSD   | .51328 | .25719 | .91614 | .34600 | .36547 | .43127 | .17012 | .78007 | .25615 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 4.2058 | .56171 | 1.0149 | 61.079 | .21946 | .54803 | 9.6124 | 10.310 | .64177 |
| #2 | 4.2365 | .56376 | 1.0018 | 61.378 | .22060 | .54469 | 9.6356 | 10.424 | .63945 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | .36159 | .35901 | 24.99  | 1.6681 |
| Stddev | .00020 | .00333 | .03    | .0056  |
| %RSD   | .05665 | .92657 | .1303  | .33827 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .36174 | .35666 | 24.97 | 1.6641 |
| #2 | .36145 | .36136 | 25.01 | 1.6721 |

Sample Name: I4076-03      Acquired: 7/10/2017 13:24:12      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: I4076-01MSD      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2474.9  | 13178.  | 5808.6  | 74.187 | 1973.7 |
| Stddev    | .5      | 82.     | 4.6     | .873   | 1.1    |
| %RSD      | .02008  | .61938  | .07906  | 1.1768 | .05521 |
| #1        | 2474.5  | 13121.  | 5805.4  | 73.570 | 1972.9 |
| #2        | 2475.2  | 13236.  | 5811.9  | 74.805 | 1974.4 |

Sample Name: I4076-01A      Acquired: 7/10/2017 13:28:14      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: KY030LC068-S      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .77276 | 2.0059 | 1.2502 | 1.5502 | .69783 | 181.25 | 1.0719 | .17585 | .20897 |
| Stddev | .00169 | .0029  | .0034  | .0092  | .00038 | 1.29   | .0031  | .00019 | .00086 |
| %RSD   | .21885 | .14257 | .27396 | .59216 | .05496 | .71073 | .29094 | .10682 | .41055 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .77156 | 2.0039 | 1.2477 | 1.5567 | .69810 | 180.34 | 1.0741 | .17572 | .20958 |
| #2 | .77395 | 2.0080 | 1.2526 | 1.5437 | .69756 | 182.16 | 1.0696 | .17599 | .20836 |

|        |        |        |        |        |         |        |        |        |        |
|--------|--------|--------|--------|--------|---------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404  | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1306.5 | .64087 | .28178 | .32562 | .231.39 | 3.7482 | 45.434 | .70666 | .08277 |
| Stddev | 5.6    | .00265 | .00007 | .00134 | 1.57    | .0014  | .108   | .00092 | .00077 |
| %RSD   | .43029 | .41391 | .02564 | .41069 | .67911  | .03799 | .23674 | .13022 | .93337 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1310.5 | .63899 | .28173 | .32657 | 230.28 | 3.7472 | 45.510 | .70731 | .08331 |
| #2 | 1302.6 | .64274 | .28183 | .32468 | 232.51 | 3.7492 | 45.358 | .70601 | .08222 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.3207 | .56055 | 1.0020 | 56.691 | .35139 | .60557 | 9.9520 | 14.079 | .74333 |
| Stddev | .0066  | .00020 | .0111  | .139   | .00087 | .00632 | .0123  | .106   | .00290 |
| %RSD   | .15273 | .03604 | 1.1061 | .24436 | .24681 | 1.0442 | .12369 | .75259 | .39025 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 4.3253 | .56040 | .99414 | 56.789 | .35201 | .61004 | 9.9607 | 14.154 | .74538 |
| #2 | 4.3160 | .56069 | 1.0098 | 56.593 | .35078 | .60110 | 9.9433 | 14.004 | .74128 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | .47465 | .35258 | 24.60  | 1.6262 |
| Stddev | .00310 | .00004 | .01    | .0066  |
| %RSD   | .65209 | .01231 | .0612  | .40481 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .47246 | .35261 | 24.61 | 1.6309 |
| #2 | .47684 | .35255 | 24.59 | 1.6216 |



Sample Name: I4076-01A      Acquired: 7/10/2017 13:28:14      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: KY030LC068-S      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2443.6  | 13014.  | 5689.7  | 72.895 | 1965.0 |
| Stddev    | 9.6     | 75.     | 7.0     | .554   | 6.6    |
| %RSD      | .39323  | .57386  | .12361  | .75983 | .33456 |
| #1        | 2436.8  | 13067.  | 5684.7  | 73.287 | 1960.4 |
| #2        | 2450.4  | 12961.  | 5694.7  | 72.504 | 1969.7 |

Sample Name: I4076-04      Acquired: 7/10/2017 13:32:14      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: KY030LC051-S      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |         |         |        |        |        |
|--------|--------|--------|--------|---------|---------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960  | Sb2068  | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm     | ppm    | ppm    | ppm    |
| Avg    | .11057 | .00889 | .28922 | -.11297 | -.00024 | 192.33 | 1.0626 | .00903 |
| Stddev | .00381 | .00225 | .00043 | .00029  | .00183  | 1.51   | .0013  | .00025 |
| %RSD   | 3.4462 | 25.295 | .15028 | .25297  | 751.82  | .78464 | .12619 | 2.7258 |

|    |        |        |        |         |         |        |        |        |
|----|--------|--------|--------|---------|---------|--------|--------|--------|
| #1 | .11327 | .01048 | .28891 | -.11317 | .00105  | 191.26 | 1.0635 | .00921 |
| #2 | .10788 | .00730 | .28953 | -.11277 | -.00154 | 193.39 | 1.0616 | .00886 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02530 | 1723.9 | .29110 | .09954 | .08268 | 290.18 | 7.5385 | 45.006 |
| Stddev | .00010 | 5.7    | .00089 | .00032 | .00064 | 2.56   | .0197  | .131   |
| %RSD   | .38732 | .33252 | .30623 | .32331 | .77110 | .88321 | .26100 | .29090 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .02537 | 1727.9 | .29173 | .09931 | .08313 | 288.37 | 7.5246 | 44.913 |
| #2 | .02523 | 1719.8 | .29047 | .09977 | .08223 | 291.99 | 7.5524 | 45.098 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .23777 | .03082 | 2.4155 | .40317 | .80777 | 40.380 | .00227 | .39358 |
| Stddev | .00008 | .00097 | .0008  | .00096 | .01372 | .031   | .00004 | .00559 |
| %RSD   | .03457 | 3.1463 | .03457 | .23836 | 1.6979 | .07683 | 1.8186 | 1.4206 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .23772 | .03150 | 2.4149 | .40249 | .79808 | 40.358 | .00230 | .38963 |
| #2 | .23783 | .03013 | 2.4161 | .40385 | .81747 | 40.402 | .00224 | .39754 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.7794 | 11.755 | .01915 | .27101 | .20987 | 17.89  | 1.5518 |
| Stddev | .0124  | .013   | .00026 | .00039 | .00016 | .03    | .0004  |
| %RSD   | .26047 | .10632 | 1.3327 | .14299 | .07737 | .1719  | .02667 |

|    |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|-------|--------|
| #1 | 4.7882 | 11.763 | .01933 | .27129 | .20975 | 17.92 | 1.5521 |
| #2 | 4.7706 | 11.746 | .01897 | .27074 | .20998 | 17.87 | 1.5515 |

Sample Name: I4076-04      Acquired: 7/10/2017 13:32:14      Type: Unk  
 Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: KY030LC051-S      Custom ID2:      Custom ID3:  
 Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2396.8  | 12986.  | 5644.2  | 72.877 | 1911.6 |
| Stddev    | 11.5    | 109.    | 11.1    | .857   | 14.8   |
| %RSD      | .48117  | .84156  | .19743  | 1.1758 | .77465 |
| #1        | 2388.6  | 13063.  | 5652.1  | 73.483 | 1901.1 |
| #2        | 2404.9  | 12908.  | 5636.3  | 72.271 | 1922.1 |

Sample Name: I4076-05      Acquired: 7/10/2017 13:36:19      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: KY030LC001-S      Custom ID2:      Custom ID3:  
Comment:

|        |        |         |        |         |        |        |        |        |
|--------|--------|---------|--------|---------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908  | Pb2203 | Se1960  | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm     | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    |
| Avg    | .10229 | -.00178 | 7.0273 | -.16227 | .02768 | 127.37 | 1.2096 | .00677 |
| Stddev | .00006 | .00277  | .0061  | .00193  | .00035 | 1.43   | .0008  | .00008 |
| %RSD   | .05876 | 155.32  | .08690 | 1.1922  | 1.2681 | 1.1195 | .06354 | 1.1351 |

|    |        |         |        |         |        |        |        |        |
|----|--------|---------|--------|---------|--------|--------|--------|--------|
| #1 | .10224 | .00018  | 7.0316 | -.16090 | .02743 | 126.36 | 1.2102 | .00683 |
| #2 | .10233 | -.00374 | 7.0230 | -.16364 | .02793 | 128.38 | 1.2091 | .00672 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .93394 | 1905.2 | 5.6143 | .07508 | 1.8490 | 184.60 | 2.2303 | 35.492 |
| Stddev | .00216 | 3.0    | .0352  | .00004 | .0014  | 2.62   | .0182  | .093   |
| %RSD   | .23108 | .15809 | .62629 | .05839 | .07434 | 1.4175 | .81464 | .26212 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .93241 | 1907.3 | 5.5895 | .07511 | 1.8481 | 186.45 | 2.2174 | 35.558 |
| #2 | .93547 | 1903.1 | 5.6392 | .07505 | 1.8500 | 182.75 | 2.2431 | 35.426 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .50929 | .81663 | 2.1656 | .33880 | 3.6965 | 32.105 | .02517 | .33154 |
| Stddev | .00171 | .00957 | .0119  | .00051 | .0696  | .076   | .00013 | .00876 |
| %RSD   | .33567 | 1.1714 | .54892 | .15101 | 1.8826 | .23531 | .49702 | 2.6433 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .50808 | .80987 | 2.1740 | .33844 | 3.7457 | 32.158 | .02526 | .33774 |
| #2 | .51050 | .82339 | 2.1572 | .33917 | 3.6473 | 32.052 | .02508 | .32534 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | 57.753 | 20.118 | .31810 | .41898 | .16640 | 27.96  | 1.8609 |  |
| Stddev | .062   | .081   | .00110 | .00195 | .00235 | .04    | .0004  |  |
| %RSD   | .10736 | .40323 | .34514 | .46482 | 1.4150 | .1486  | .02242 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | 57.709 | 20.175 | .31733 | .42035 | .16807 | 27.93 | 1.8606 |  |
| #2 | 57.797 | 20.061 | .31888 | .41760 | .16474 | 27.99 | 1.8612 |  |

Sample Name: I4076-05      Acquired: 7/10/2017 13:36:19      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: KY030LC001-S      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2393.4  | 13243.  | 5772.2  | 73.430 | 1941.3 |
| Stddev    | 10.6    | 57.     | 47.0    | 1.630  | 6.1    |
| %RSD      | .44097  | .43055  | .81512  | 2.2193 | .31630 |
| #1        | 2385.9  | 13283.  | 5738.9  | 72.277 | 1937.0 |
| #2        | 2400.8  | 13202.  | 5805.4  | 74.582 | 1945.7 |

Sample Name: I4076-06      Acquired: 7/10/2017 13:40:23      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: KY030OF002-S      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .10939 | .01214 | 1.1777 | .27520 | .00237 | 30.707 | .91882 | .00409 |
| Stddev | .00194 | .00672 | .0005  | .00152 | .00051 | .295   | .00076 | .00015 |
| %RSD   | 1.7754 | 55.382 | .04269 | .55216 | 21.549 | .48518 | .08247 | 3.6019 |

|    |        |        |        |         |        |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|--------|
| #1 | .11077 | .00739 | 1.1781 | -.27412 | .00201 | 60.916 | .91936 | .00419 |
| #2 | .10802 | .01689 | 1.1774 | -.27627 | .00273 | 60.499 | .91828 | .00399 |

|        |        |          |        |        |        |        |        |        |
|--------|--------|----------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736   | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm      | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .08003 | F 2976.5 | .41903 | .08119 | .52472 | 263.38 | 11.431 | 34.229 |
| Stddev | .00086 | 6.4      | .00444 | .00057 | .00195 | .86    | .067   | .039   |
| %RSD   | 1.0752 | .21394   | 1.0593 | .70350 | .37257 | .32780 | .58859 | .11417 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .08064 | 2972.0 | .42216 | .08078 | .52611 | 263.99 | 11.478 | 34.201 |
| #2 | .07942 | 2981.0 | .41589 | .08159 | .52334 | 262.77 | 11.383 | 34.256 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .80066 | .06434 | 2.4249 | .25862 | 2.9612 | 16.778 | .01677 | .32031 |
| Stddev | .00513 | .00126 | .0027  | .00168 | .0037  | .026   | .00030 | .00186 |
| %RSD   | .64078 | 1.9545 | .11029 | .64832 | .12420 | .15440 | 1.8008 | .57979 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .80428 | .06345 | 2.4230 | .25980 | 2.9638 | 16.796 | .01698 | .32162 |
| #2 | .79703 | .06523 | 2.4268 | .25743 | 2.9586 | 16.760 | .01656 | .31899 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | 13.433 | 11.537 | .07725 | .55642 | .15137 | 12.98  | 1.6148 |  |
| Stddev | .069   | .053   | .00065 | .00417 | .00112 | .06    | .0025  |  |
| %RSD   | .51586 | .45703 | .84381 | .74896 | .73663 | .4422  | .15452 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | 13.482 | 11.500 | .07679 | .55937 | .15216 | 13.03 | 1.6166 |  |
| #2 | 13.384 | 11.574 | .07771 | .55347 | .15059 | 12.94 | 1.6131 |  |

Sample Name: I4076-06      Acquired: 7/10/2017 13:40:23      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: KY030OF002-S      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2143.9  | 12076.  | 5136.8  | 70.783 | 1822.3 |
| Stddev    | 12.2    | 82.     | 7.0     | .241   | 12.2   |
| %RSD      | .57135  | .67582  | .13646  | .34064 | .66936 |
| #1        | 2135.2  | 12019.  | 5131.9  | 70.613 | 1813.7 |
| #2        | 2152.6  | 12134.  | 5141.8  | 70.954 | 1831.0 |

Sample Name: I4076-07      Acquired: 7/10/2017 13:44:27      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: KY030LC006-S      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |         |         |        |        |        |
|--------|--------|--------|--------|---------|---------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960  | Sb2068  | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm     | ppm    | ppm    | ppm    |
| Avg    | .05999 | .00449 | .27052 | -.15442 | -.00019 | 147.16 | 1.0220 | .00769 |
| Stddev | .00164 | .00189 | .00153 | .00318  | .00260  | .22    | .0039  | .00016 |
| %RSD   | 2.7297 | 42.187 | .56727 | 2.0621  | 1355.0  | .14797 | .38518 | 2.1295 |
| #1     | .06115 | .00582 | .26944 | -.15667 | -.00203 | 147.31 | 1.0248 | .00780 |
| #2     | .05883 | .00315 | .27161 | -.15217 | .00164  | 147.00 | 1.0193 | .00757 |
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286  | Cu2247  | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm     | ppm    | ppm    | ppm    |
| Avg    | .00902 | 1887.9 | .29771 | .07426  | .08324  | 217.17 | 4.3261 | 38.444 |
| Stddev | .00000 | 14.2   | .01140 | .00059  | .00080  | .62    | .0229  | .056   |
| %RSD   | .01969 | .75404 | 3.8286 | .79391  | .96221  | .28522 | .52954 | .14631 |
| #1     | .00902 | 1897.9 | .30577 | .07385  | .08381  | 216.73 | 4.3423 | 38.484 |
| #2     | .00902 | 1877.8 | .28965 | .07468  | .08267  | 217.61 | 4.3099 | 38.404 |
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924  | Zn2138  | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm     | ppm    | ppm    | ppm    |
| Avg    | .19254 | .04128 | 2.0599 | .32467  | .69671  | 40.742 | .00295 | .32494 |
| Stddev | .00092 | .00205 | .0191  | .00023  | .00397  | .278   | .00006 | .00442 |
| %RSD   | .47581 | 4.9600 | .92683 | .06971  | .56934  | .68181 | 2.0551 | 1.3608 |
| #1     | .19189 | .04273 | 2.0734 | .32451  | .69951  | 40.938 | .00299 | .32807 |
| #2     | .19319 | .03983 | 2.0464 | .32483  | .69390  | 40.545 | .00291 | .32182 |
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361  | Li6707  | P_1774 | Sr4077 |        |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm     | ppm    | ppm    |        |
| Avg    | 13.650 | 3.5714 | .01765 | .19562  | .18278  | 19.73  | 1.7890 |        |
| Stddev | .065   | .0460  | .00119 | .00070  | .00281  | .06    | .0081  |        |
| %RSD   | .47301 | .53650 | 6.7631 | .35923  | 1.5393  | .2804  | .45487 |        |
| #1     | 13.604 | 8.6039 | .01849 | .19513  | .18476  | 19.69  | 1.7947 |        |
| #2     | 13.695 | 8.5389 | .01680 | .19612  | .18079  | 19.77  | 1.7832 |        |



Sample Name: I4076-07      Acquired: 7/10/2017 13:44:27      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: KY030LC006-S      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2435.5  | 13339.  | 5757.0  | 71.385 | 1909.8 |
| Stddev    | 1.4     | 69.     | 50.8    | .294   | 3.5    |
| %RSD      | .05894  | .51985  | .88253  | .41197 | .18417 |
| #1        | 2434.4  | 13290.  | 5721.1  | 71.177 | 1912.3 |
| #2        | 2436.5  | 13388.  | 5792.9  | 71.593 | 1907.4 |

Sample Name: I4076-08      Acquired: 7/10/2017 13:48:53      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: DUP-0423-170 Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .08571 | .00325 | .23336 | .06756 | .00262 | 204.42 | .94886 | .00932 |
| Stddev | .00160 | .00512 | .00017 | .00359 | .00176 | 3.45   | .02718 | .00000 |
| %RSD   | 1.8716 | 157.67 | .07339 | 5.3156 | 67.369 | 1.6883 | 2.8647 | .04113 |

|    |        |         |        |         |         |        |        |        |
|----|--------|---------|--------|---------|---------|--------|--------|--------|
| #1 | .08458 | -.00037 | .23324 | -.07010 | -.00387 | 206.86 | .96808 | .00932 |
| #2 | .08685 | .00687  | .23348 | -.06502 | -.00137 | 201.98 | .92964 | .00932 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00713 | 1330.9 | .31628 | .09193 | .07794 | 260.59 | 3.5078 | 47.877 |
| Stddev | .00036 | 62.6   | .00222 | .00071 | .00463 | 6.70   | .0229  | 1.281  |
| %RSD   | 4.9803 | 4.7033 | .70164 | .77405 | 5.9351 | 2.5696 | .65191 | 2.6764 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00688 | 1375.2 | .31785 | .09142 | .07467 | 265.32 | 3.5239 | 48.783 |
| #2 | .00739 | 1286.6 | .31471 | .09243 | .08121 | 255.85 | 3.4916 | 46.971 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .22217 | .02385 | 1.7510 | .35587 | .80562 | 53.447 | .00093 | .37300 |
| Stddev | .00111 | .00244 | .0516  | .00695 | .01316 | 1.358  | .00007 | .01590 |
| %RSD   | .49742 | 10.211 | 2.9446 | 1.9542 | 1.6332 | 2.5411 | 7.8663 | 4.2624 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .22295 | .02213 | 1.7875 | .36079 | .81492 | 54.408 | .00098 | .38424 |
| #2 | .22139 | .02557 | 1.7146 | .35096 | .79631 | 52.487 | .00088 | .36175 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 10.014 | 3.9156 | .01821 | .27079 | .17682 | 20.41  | 1.3678 |
| Stddev | .008   | .1608  | .00087 | .00859 | .00505 | .03    | .0371  |
| %RSD   | .07914 | 1.8039 | 4.7820 | 3.1709 | 2.8561 | .1284  | 2.7148 |

|    |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|-------|--------|
| #1 | 10.019 | 9.0293 | .01882 | .27686 | .18039 | 20.43 | 1.3941 |
| #2 | 10.008 | 8.8019 | .01759 | .26472 | .17325 | 20.40 | 1.3416 |

Sample Name: I4076-08      Acquired: 7/10/2017 13:48:53      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: DUP-0423-170 Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2492.4  | 13245.  | 5850.2  | 71.646 | 1944.6 |
| Stddev    | .4      | 132.    | 119.6   | 1.324  | 2.2    |
| %RSD      | .01572  | .99517  | 2.0439  | 1.8485 | .11122 |
| #1        | 2492.6  | 13152.  | 5765.6  | 70.710 | 1943.1 |
| #2        | 2492.1  | 13338.  | 5934.7  | 72.583 | 1946.2 |

Sample Name: I4081-01      Acquired: 7/10/2017 13:52:51      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: VNJ-202      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .31946 | .00267 | 1.6727 | .08805 | .01492 | 149.36 | .81219 | .00424 | .01509 |
| Stddev | .00172 | .00077 | .0033  | .00418 | .00024 | .62    | .00033 | .00028 | .00121 |
| %RSD   | .53900 | 29.043 | .19579 | 4.7504 | 1.5930 | .41670 | .04065 | 6.5566 | 7.9850 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .31825 | .00212 | 1.6704 | .08509 | .01508 | 148.92 | .81196 | .00443 | .01594 |
| #2 | .32068 | .00322 | 1.6750 | .09100 | .01475 | 149.80 | .81242 | .00404 | .01424 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 382.17 | 32493  | .08883 | 1.0478 | 514.16 | 3.6495 | 43.854 | 1.3396 | .04023 |
| Stddev | 4.50   | .00827 | .00003 | .0061  | 12.33  | .0290  | .032   | .0005  | .00407 |
| %RSD   | .65897 | 2.5443 | .02957 | .58071 | 2.3983 | .79470 | .07335 | .03933 | 10.126 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 679.00 | .31909 | .08881 | 1.0521 | 505.44 | 3.6290 | 43.831 | 1.3400 | .04311 |
| #2 | 685.35 | .33078 | .08885 | 1.0435 | 522.88 | 3.6700 | 43.877 | 1.3392 | .03735 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.0858 | .55069 | 3.5021 | 7.6545 | .01721 | .55552 | 25.330 | 7.0592 | .08986 |
| Stddev | .0127  | .01036 | .0962  | .0163  | .00049 | .01436 | .056   | .0918  | .00096 |
| %RSD   | .60861 | 1.8814 | 2.7478 | .21323 | 2.8697 | 2.5851 | .22010 | 1.3005 | 1.0702 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.0947 | .54336 | 3.4341 | 7.6430 | .01756 | .54536 | 25.370 | 6.9943 | .09054 |
| #2 | 2.0768 | .55801 | 3.5702 | 7.6661 | .01686 | .56567 | 25.291 | 7.1241 | .08918 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 3.6933 | .15022 | 11.39  | 1.7493 |
| Stddev | .0037  | .00032 | .00    | .0041  |
| %RSD   | .09927 | .21205 | .0408  | .23382 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 3.6958 | .15000 | 11.39 | 1.7522 |
| #2 | 3.6907 | .15045 | 11.38 | 1.7464 |

Sample Name: I4081-01      Acquired: 7/10/2017 13:52:51      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: VNJ-202      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2218.4  | 11368.  | 5201.1  | 75.290 | 1985.8 |
| Stddev    | 2.6     | 70.     | 23.8    | 1.981  | 3.1    |
| %RSD      | .11796  | .62006  | .45729  | 2.6307 | .15387 |
| #1        | 2216.6  | 11418.  | 5217.9  | 76.691 | 1983.7 |
| #2        | 2220.3  | 11318.  | 5184.3  | 73.890 | 1988.0 |

Sample Name: CCV03      Acquired: 7/10/2017 13:56:55      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV11349      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 5.0157 | 4.9268 | 4.8386 | 5.0876 | 5.0780 | 10.401 | 10.188 | 25234  | 2.4559 |
| Stddev | .0183  | .0184  | .0126  | .0181  | .0138  | .073   | .020   | .00208 | .0104  |
| %RSD   | .36544 | .37310 | .26111 | .35526 | .27176 | .69771 | .19277 | .82369 | .42181 |
| #1     | 5.0027 | 4.9138 | 4.8297 | 5.0749 | 5.0682 | 10.452 | 10.175 | 25381  | 2.4486 |
| #2     | 5.0286 | 4.9398 | 4.8476 | 5.1004 | 5.0877 | 10.350 | 10.202 | 25087  | 2.4632 |
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 25.175 | 97846  | 2.4506 | 1.2562 | 5.0299 | 2.5259 | 24.812 | 2.4727 | 1.2482 |
| Stddev | .126   | .01021 | .0111  | .0034  | .1934  | .0142  | .334   | .0136  | .0057  |
| %RSD   | .50073 | 1.0431 | .45243 | .26750 | 3.8455 | .56345 | 1.3465 | .54921 | .45613 |
| #1     | 25.264 | 98568  | 2.4428 | 1.2539 | 5.1667 | 2.5359 | 25.048 | 2.4631 | 1.2522 |
| #2     | 25.086 | 97125  | 2.4585 | 1.2586 | 4.8932 | 2.5158 | 24.576 | 2.4823 | 1.2442 |
| Elem   | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 25.042 | 2.5257 | 2.5081 | 25.552 | 5.0717 | 5.1599 | 5.0030 | 4.9988 | 4.9123 |
| Stddev | .045   | .0199  | .0684  | .033   | .0123  | .0286  | .0231  | .0101  | .0232  |
| %RSD   | .18115 | .78596 | 2.7259 | .12877 | .24232 | .55455 | .46125 | .20208 | .47268 |
| #1     | 25.074 | 2.5397 | 2.5564 | 25.575 | 5.0630 | 5.1802 | 4.9866 | 5.0059 | 4.8958 |
| #2     | 25.010 | 2.5116 | 2.4597 | 25.529 | 5.0804 | 5.1397 | 5.0193 | 4.9916 | 4.9287 |
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |        |        |        |        |        |
| Units  | ppm    | ppm    | ppm    | ppm    |        |        |        |        |        |
| Avg    | 5.0248 | 5.1370 | 5.154  | 5.0696 |        |        |        |        |        |
| Stddev | .0411  | .0034  | .011   | .0203  |        |        |        |        |        |
| %RSD   | .81858 | .06644 | .2215  | .39992 |        |        |        |        |        |
| #1     | 5.0539 | 5.1394 | 5.146  | 5.0553 |        |        |        |        |        |
| #2     | 4.9958 | 5.1346 | 5.162  | 5.0839 |        |        |        |        |        |

Sample Name: CCV03      Acquired: 7/10/2017 13:56:55      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV11349      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2163.4  | 10122.  | 4559.2  | 30.420 | 2255.2 |
| Stddev    | 5.1     | 69.     | 1.6     | 2.251  | 8.3    |
| %RSD      | .23404  | .68513  | .03546  | 2.7989 | .36902 |
| #1        | 2167.0  | 10073.  | 4558.0  | 78.828 | 2261.1 |
| #2        | 2159.9  | 10171.  | 4560.3  | 82.011 | 2249.3 |

Sample Name: CCB03      Acquired: 7/10/2017 14:05:12      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB11349      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00251 | .00285 | .00154 | .00126 | .00064 | .00011 | .00048 | .00022 |
| Stddev | .00025 | .00195 | .00054 | .00001 | .00057 | .01616 | .00059 | .00013 |
| %RSD   | 9.8300 | 68.474 | 34.924 | .70721 | 88.298 | 14574. | 124.81 | 61.211 |

|    |        |         |         |         |         |         |         |        |
|----|--------|---------|---------|---------|---------|---------|---------|--------|
| #1 | .00268 | -.00147 | -.00116 | -.00127 | -.00104 | .01154  | -.00090 | .00012 |
| #2 | .00234 | -.00422 | -.00192 | -.00126 | -.00024 | -.01132 | -.00006 | .00031 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00003 | .00700 | .00266 | .00010 | .00026 | .01180 | .00037 | .00038 |
| Stddev | .00002 | .00275 | .00021 | .00037 | .00056 | .00209 | .00049 | .03061 |
| %RSD   | 78.120 | 39.290 | 8.0468 | 372.79 | 215.09 | 17.671 | 130.62 | 8060.5 |

|    |         |         |         |         |         |         |         |         |
|----|---------|---------|---------|---------|---------|---------|---------|---------|
| #1 | -.00001 | -.00894 | -.00281 | -.00016 | .00065  | -.01033 | -.00003 | .02127  |
| #2 | -.00004 | -.00505 | -.00251 | .00036  | -.00013 | -.01327 | -.00072 | -.02203 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00045 | .00305 | .00527 | .00216 | .00013 | .00964 | .00041 | .00251 |
| Stddev | .00014 | .00009 | .00152 | .00159 | .00001 | .01073 | .00007 | .00380 |
| %RSD   | 30.600 | 3.0772 | 28.747 | 73.722 | 10.616 | 111.35 | 16.204 | 151.67 |

|    |         |        |        |        |         |         |        |         |
|----|---------|--------|--------|--------|---------|---------|--------|---------|
| #1 | -.00036 | .00299 | .00420 | .00103 | -.00014 | -.00205 | .00037 | -.00018 |
| #2 | -.00055 | .00312 | .00634 | .00328 | -.00012 | -.01723 | .00046 | .00519  |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00039 | .01160 | .00101 | .00301 | .00111 | .0006  | .00008 |
| Stddev | .00206 | .01083 | .00013 | .00087 | .00019 | .0005  | .00000 |
| %RSD   | 531.14 | 93.365 | 13.160 | 28.996 | 17.188 | 83.36  | 6.0444 |

|    |         |         |         |        |         |       |        |
|----|---------|---------|---------|--------|---------|-------|--------|
| #1 | .00184  | -.01926 | -.00091 | .00240 | -.00097 | .0003 | .00008 |
| #2 | -.00107 | -.00394 | -.00110 | .00363 | -.00124 | .0010 | .00008 |



Sample Name: CCB03      Acquired: 7/10/2017 14:05:12      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB11349      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2226.5  | 10013.  | 4650.2  | 33.471 | 2362.9 |
| Stddev    | 2.3     | 6.      | 1.1     | .719   | 5.9    |
| %RSD      | .10122  | .05772  | .02344  | .86189 | .24978 |
| #1        | 2228.1  | 10018.  | 4650.9  | 82.962 | 2367.1 |
| #2        | 2225.0  | 10009.  | 4649.4  | 83.980 | 2358.7 |

Sample Name: I4082-03      Acquired: 7/10/2017 14:09:23      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: BIN-6-COMP      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .06590 | .00070 | .43474 | .05566 | .00458 | 79.788 | 1.1536 | .00442 |
| Stddev | .00056 | .00291 | .00067 | .00206 | .00162 | .696   | .0050  | .00005 |
| %RSD   | .85250 | 416.50 | .15358 | 3.7025 | 35.450 | .87222 | .43482 | 1.1478 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .06551 | .00136  | .43427 | .05421 | .00343 | 79.296 | 1.1500 | .00438 |
| #2 | .06630 | -.00276 | .43522 | .05712 | .00573 | 80.280 | 1.1571 | .00445 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00889 | 110.54 | .30839 | .09063 | .37250 | 203.67 | 4.1625 | 42.469 |
| Stddev | .00040 | .28    | .00337 | .00029 | .00423 | 2.19   | .0228  | .360   |
| %RSD   | 4.5442 | .25268 | 1.0930 | .32224 | 1.1360 | 1.0755 | .54781 | .84819 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00918 | 110.34 | .30601 | .09084 | .37549 | 202.12 | 4.1463 | 42.214 |
| #2 | .00861 | 110.74 | .31077 | .09043 | .36951 | 205.22 | 4.1786 | 42.724 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .21425 | .02279 | 17.545 | .22922 | 1.1574 | 23.256 | .00839 | .28304 |
| Stddev | .00034 | .00231 | .001   | .00498 | .0073  | .039   | .00012 | .00253 |
| %RSD   | .16100 | 10.152 | .00309 | 2.1710 | .62879 | .16923 | 1.4069 | .89474 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .21449 | .02116 | 17.546 | .22570 | 1.1522 | 23.228 | .00831 | .28484 |
| #2 | .21400 | .02443 | 17.545 | .23274 | 1.1625 | 23.284 | .00848 | .28125 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | 3.9673 | 7.3259 | .05145 | 1.6911 | .17880 | 3.652  | .36074 |  |
| Stddev | .0280  | .0208  | .00019 | .0026  | .00147 | .033   | .00014 |  |
| %RSD   | .31255 | .28351 | .37445 | .15379 | .81978 | .3798  | .03756 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | 8.9871 | 7.3113 | .05158 | 1.6893 | .17983 | 8.676 | .36084 |  |
| #2 | 8.9475 | 7.3406 | .05131 | 1.6929 | .17776 | 8.629 | .36065 |  |

Sample Name: I4082-03      Acquired: 7/10/2017 14:09:23      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: BIN-6-COMP      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2418.5  | 11776.  | 5489.7  | 33.447 | 2230.2 |
| Stddev    | 15.7    | 82.     | 5.6     | .381   | 11.2   |
| %RSD      | .64864  | .69302  | .10206  | .45692 | .50352 |
| #1        | 2407.4  | 11834.  | 5493.7  | 83.716 | 2222.3 |
| #2        | 2429.6  | 11718.  | 5485.8  | 83.177 | 2238.2 |

Sample Name: I4083-01      Acquired: 7/10/2017 14:13:18      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: STOCKPILE      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .07181 | .00185 | 3.8762 | .01122 | .02288 | 71.516 | 1.3928 | .00234 |
| Stddev | .00001 | .00399 | .0005  | .00046 | .00480 | .755   | .0048  | .00003 |
| %RSD   | .01709 | 215.74 | .01270 | 4.0607 | 20.980 | 1.0555 | .34694 | 1.1020 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .07182 | .00097  | 3.8765 | .01090 | .01949 | 70.982 | 1.3894 | .00233 |
| #2 | .07181 | -.00467 | 3.8759 | .01155 | .02628 | 72.049 | 1.3962 | .00236 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01422 | 434.14 | .46570 | .11014 | 1.3156 | 192.13 | 2.0894 | 126.74 |
| Stddev | .00029 | 1.23   | .00149 | .00005 | .0046  | 2.88   | .0061  | .01    |
| %RSD   | 2.0260 | .28317 | .32070 | .04857 | .35111 | 1.4994 | .29397 | .01080 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .01402 | 433.27 | .46675 | .11018 | 1.3123 | 194.17 | 2.0850 | 126.73 |
| #2 | .01442 | 435.01 | .46464 | .11011 | 1.3188 | 190.09 | 2.0937 | 126.75 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .28239 | .02390 | 38.985 | .38981 | 5.7862 | 3.0228 | .03973 | .30107 |
| Stddev | .00084 | .00083 | .126   | .00263 | .0812  | .0582  | .00005 | .00487 |
| %RSD   | .29753 | 3.4822 | .18328 | .67385 | 1.4034 | .64472 | .11752 | 1.6171 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .28179 | .02331 | 68.895 | .38796 | 5.8437 | 8.9817 | .03976 | .30451 |
| #2 | .28298 | .02449 | 69.074 | .39167 | 5.7288 | 9.0639 | .03970 | .29763 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 24.353 | 9.0963 | .11196 | 3.2253 | .08613 | 21.51  | .74300 |
| Stddev | .001   | .0038  | .00065 | .0043  | .00078 | .03    | .00081 |
| %RSD   | .00596 | .04212 | .57734 | .13203 | .90043 | .1351  | .10962 |

|    |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|-------|--------|
| #1 | 24.354 | 9.0990 | .11150 | 3.2223 | .08559 | 21.49 | .74242 |
| #2 | 24.352 | 9.0936 | .11241 | 3.2283 | .08668 | 21.53 | .74357 |

Sample Name: I4083-01      Acquired: 7/10/2017 14:13:18      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: STOCKPILE      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2231.0  | 11321.  | 5256.5  | 77.865 | 2078.1 |
| Stddev    | 2.8     | 71.     | .1      | 1.198  | 1.4    |
| %RSD      | .12719  | .62559  | .00166  | 1.5383 | .06853 |
| #1        | 2233.0  | 11371.  | 5256.6  | 77.018 | 2077.1 |
| #2        | 2229.0  | 11270.  | 5256.4  | 78.712 | 2079.1 |

Sample Name: I4084-01      Acquired: 7/10/2017 14:17:18      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: TP11-MH2111-      Custom ID2:      Custom ID3:  
Comment:

|        |        |         |        |        |        |        |        |        |
|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908  | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .06401 | .00165  | 2.0371 | .05424 | .00673 | 30.347 | .93270 | .00485 |
| Stddev | .00159 | .00096  | .0018  | .00079 | .00162 | .594   | .00212 | .00002 |
| %RSD   | 2.4795 | 57.964  | .08584 | 1.4536 | 24.016 | .73890 | .22718 | .47178 |
| #1     | .06513 | -.00232 | 2.0383 | .05368 | .00559 | 80.767 | .93420 | .00484 |
| #2     | .06288 | -.00097 | 2.0358 | .05479 | .00787 | 79.927 | .93120 | .00487 |
| Elem   | Cd2265 | Ca3736  | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00183 | 16.622  | .17852 | .06643 | .45403 | 153.42 | 1.2405 | 15.592 |
| Stddev | .00015 | .014    | .00007 | .00025 | .00004 | .64    | .0043  | .046   |
| %RSD   | 8.2940 | .08544  | .04053 | .37270 | .00889 | .41531 | .34596 | .29344 |
| #1     | .00194 | 16.632  | .17857 | .06661 | .45400 | 152.97 | 1.2435 | 15.624 |
| #2     | .00172 | 16.612  | .17847 | .06626 | .45406 | 153.87 | 1.2374 | 15.560 |
| Elem   | Ni2316 | Ag3280  | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .13530 | .03187  | 1.2339 | .21749 | 1.4699 | 3.8761 | .00824 | .17607 |
| Stddev | .00038 | .00158  | .0118  | .00322 | .0076  | .0143  | .00021 | .00483 |
| %RSD   | .27913 | 4.9520  | .95286 | 1.4823 | .51411 | .16120 | 2.6081 | 2.7408 |
| #1     | .13556 | .03298  | 1.2422 | .21976 | 1.4646 | 8.8862 | .00839 | .17266 |
| #2     | .13503 | .03075  | 1.2256 | .21521 | 1.4753 | 8.8660 | .00808 | .17949 |
| Elem   | S_1820 | Si2881  | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |        |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    |        |
| Avg    | 7.7737 | 3.2998  | .16272 | .69618 | .12019 | 4.663  | .25949 |        |
| Stddev | .0080  | .0164   | .00104 | .00415 | .00034 | .011   | .00049 |        |
| %RSD   | .10248 | .49562  | .64217 | .59613 | .28003 | .2308  | .18710 |        |
| #1     | 7.7680 | 3.2883  | .16346 | .69911 | .12043 | 4.671  | .25984 |        |
| #2     | 7.7793 | 3.3114  | .16198 | .69324 | .11995 | 4.656  | .25915 |        |

Sample Name: I4084-01      Acquired: 7/10/2017 14:17:18      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: TP11-MH2111-      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2390.8  | 11246.  | 5164.4  | 33.179 | 2319.7 |
| Stddev    | 1.5     | 71.     | 7.3     | .621   | .2     |
| %RSD      | .06089  | .62861  | .14113  | .74697 | .00663 |
| #1        | 2391.9  | 11196.  | 5169.5  | 83.619 | 2319.8 |
| #2        | 2389.8  | 11296.  | 5159.2  | 82.740 | 2319.6 |

Sample Name: I4084-06      Acquired: 7/10/2017 14:21:20      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: TP9-MH2108-C      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02891 | .00023 | .28166 | .04125 | .00366 | 34.733 | .54572 | .00524 |
| Stddev | .00296 | .00044 | .00126 | .00175 | .00019 | .182   | .00499 | .00021 |
| %RSD   | 10.234 | 187.93 | .44808 | 4.2408 | 5.2072 | .19172 | .91390 | 4.0272 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .03101 | .00054  | .28077 | .04001 | .00380 | 94.861 | .54925 | .00509 |
| #2 | .02682 | -.00008 | .28255 | .04249 | .00353 | 94.604 | .54220 | .00539 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00033 | 10.858 | .16184 | .05241 | .08270 | 125.62 | 1.7957 | 18.523 |
| Stddev | .00005 | .044   | .00216 | .00009 | .00092 | 1.33   | .0001  | .150   |
| %RSD   | 14.485 | .40581 | 1.3368 | .18040 | 1.1076 | 1.0579 | .00384 | .80884 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | -.00037 | 10.889 | .16336 | .05248 | .08205 | 126.56 | 1.7958 | 18.629 |
| #2 | -.00030 | 10.827 | .16031 | .05234 | .08335 | 124.68 | 1.7957 | 18.417 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .12228 | .01203 | .70427 | .17064 | .46127 | 7.0110 | .00109 | .13364 |
| Stddev | .00047 | .00190 | .00340 | .00127 | .00276 | .0212  | .00009 | .00457 |
| %RSD   | .38507 | 15.777 | .48301 | .74529 | .59758 | .30202 | 8.3308 | 3.4199 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .12262 | .01337 | .70186 | .16974 | .46322 | 7.0260 | .00103 | .13688 |
| #2 | .12195 | .01069 | .70667 | .17154 | .45932 | 6.9960 | .00116 | .13041 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.0522 | 4.2152 | .02824 | .64687 | .12680 | 3.444  | .09458 |
| Stddev | .0068  | .0622  | .00141 | .00839 | .00177 | .003   | .00078 |
| %RSD   | .33298 | 1.4764 | 4.9962 | 1.2972 | 1.3975 | .0784  | .82880 |

|    |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|-------|--------|
| #1 | 2.0570 | 4.2592 | .02924 | .65280 | .12805 | 3.446 | .09514 |
| #2 | 2.0473 | 4.1712 | .02724 | .64093 | .12554 | 3.442 | .09403 |



Sample Name: I4084-06      Acquired: 7/10/2017 14:21:20      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: TP9-MH2108-C      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2331.3  | 10888.  | 5026.1  | 32.715 | 2309.6 |
| Stddev    | 10.2    | 8.      | 27.5    | .726   | 11.7   |
| %RSD      | .43667  | .07298  | .54641  | .87770 | .50583 |
| #1        | 2324.1  | 10893.  | 5006.7  | 82.202 | 2301.4 |
| #2        | 2338.5  | 10882.  | 5045.5  | 83.228 | 2317.9 |

Sample Name: I4092-01      Acquired: 7/10/2017 14:25:26      Type: Unk  
 Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: FK-PS-01-010      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01410 | .00219 | .06343 | .02442 | .00032 | 26.658 | .07174 | .00053 |
| Stddev | .00037 | .00163 | .00172 | .00294 | .00005 | .144   | .00043 | .00018 |
| %RSD   | 2.5980 | 74.587 | 2.7067 | 12.035 | 15.360 | .54010 | .59985 | 33.494 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .01384 | -.00335 | .06221 | .02650 | .00028 | 26.556 | .07205 | .00066 |
| #2 | .01436 | -.00104 | .06464 | .02235 | .00035 | 26.760 | .07144 | .00041 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00076 | 3.6365 | .09433 | .00453 | .02864 | 74.997 | .17879 | 1.6685 |
| Stddev | .00002 | .0016  | .00706 | .00005 | .00041 | .117   | .00123 | .0032  |
| %RSD   | 2.9685 | .02468 | 7.4834 | 1.0202 | 1.4464 | .15552 | .69054 | .19346 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | -.00078 | 6.6376 | .09932 | .00456 | .02893 | 75.079 | .17966 | 1.6662 |
| #2 | -.00074 | 6.6353 | .08934 | .00449 | .02835 | 74.914 | .17792 | 1.6708 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01070 | .00715 | .21789 | .10916 | .06857 | 1.4799 | .00347 | .07587 |
| Stddev | .00044 | .00320 | .00795 | .00638 | .00021 | .0054  | .00004 | .00395 |
| %RSD   | 4.1193 | 44.811 | 3.6480 | 5.8420 | .31040 | .36755 | 1.0356 | 5.2082 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .01101 | .00942 | .21227 | .10465 | .06872 | 1.4838 | .00349 | .07867 |
| #2 | .01039 | .00489 | .22351 | .11367 | .06842 | 1.4761 | .00344 | .07308 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .90687 | 3.5419 | .00935 | .81078 | .01073 | .7846  | .03133 |
| Stddev | .00154 | .0139  | .00082 | .00174 | .00080 | .0023  | .00013 |
| %RSD   | .17012 | .39153 | 8.7575 | .21451 | 7.4506 | .2934  | .41402 |

|    |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|-------|--------|
| #1 | .90578 | 3.5321 | .00877 | .80955 | .01016 | .7829 | .03142 |
| #2 | .90797 | 3.5517 | .00993 | .81201 | .01129 | .7862 | .03124 |

Sample Name: I4092-01      Acquired: 7/10/2017 14:25:26      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: FK-PS-01-010      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2286.7  | 10393.  | 4845.5  | 33.341 | 2382.8 |
| Stddev    | 2.8     | 17.     | 22.5    | .428   | 4.8    |
| %RSD      | .12216  | .16750  | .46526  | .51381 | .20157 |
| #1        | 2288.7  | 10406.  | 4829.5  | 83.038 | 2386.2 |
| #2        | 2284.8  | 10381.  | 4861.4  | 83.644 | 2379.4 |

Sample Name: I4095-01      Acquired: 7/10/2017 14:29:31      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: FK-PS-01-011      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01881 | .00079 | .08600 | .03606 | .00200 | 44.935 | .10402 | .00089 |
| Stddev | .00015 | .00002 | .00052 | .00232 | .00195 | .179   | .00021 | .00011 |
| %RSD   | .82377 | 2.8443 | .60286 | 6.4213 | 97.898 | .39942 | .20454 | 12.792 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .01870 | -.00077 | .08563 | .03769 | .00338 | 44.808 | .10417 | .00097 |
| #2 | .01892 | -.00081 | .08637 | .03442 | .00061 | 45.062 | .10387 | .00081 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00054 | 5.7225 | .11461 | .00697 | .03934 | 106.78 | .20859 | 2.1364 |
| Stddev | .00022 | .0099  | .00167 | .00022 | .00060 | 1.64   | .00005 | .0066  |
| %RSD   | 40.606 | .17290 | 1.4536 | 3.1753 | 1.5379 | 1.5371 | .02315 | .31055 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | -.00038 | 5.7155 | .11579 | .00682 | .03977 | 105.62 | .20862 | 2.1317 |
| #2 | -.00069 | 5.7295 | .11344 | .00713 | .03891 | 107.94 | .20856 | 2.1411 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01761 | .00976 | .18691 | .15933 | .08042 | 1.8878 | .00439 | .09403 |
| Stddev | .00006 | .00418 | .00484 | .00257 | .00149 | .0337  | .00015 | .00298 |
| %RSD   | .32873 | 42.866 | 2.5903 | 1.6151 | 1.8486 | 1.7835 | 3.5138 | 3.1682 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .01765 | .01272 | .18349 | .15751 | .07937 | 1.8640 | .00428 | .09614 |
| #2 | .01757 | .00680 | .19033 | .16115 | .08147 | 1.9116 | .00450 | .09193 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | 1.0035 | 4.4133 | .01095 | .95995 | .01844 | 1.135  | .03609 |  |
| Stddev | .0031  | .0056  | .00089 | .00383 | .00089 | .002   | .00018 |  |
| %RSD   | .30820 | .12737 | 8.1011 | .39881 | 4.8124 | .2019  | .49666 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | 1.0057 | 4.4173 | .01032 | .96265 | .01781 | 1.134 | .03622 |  |
| #2 | 1.0013 | 4.4093 | .01158 | .95724 | .01906 | 1.137 | .03597 |  |

Sample Name: I4095-01      Acquired: 7/10/2017 14:29:31      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: FK-PS-01-011 Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2274.2  | 10424.  | 4858.7  | 35.424 | 2352.1 |
| Stddev    | 5.4     | 17.     | 25.7    | 1.157  | 1.2    |
| %RSD      | .23706  | .16771  | .52961  | 1.3541 | .05153 |
| #1        | 2270.4  | 10412.  | 4840.5  | 86.242 | 2351.2 |
| #2        | 2278.1  | 10436.  | 4876.9  | 84.606 | 2353.0 |

Sample Name: I4108-01      Acquired: 7/10/2017 14:33:36      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: BU-01-070617      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .11175 | .00011 | .22893 | .07788 | .00158 | 120.88 | .33494 | .00597 |
| Stddev | .00351 | .00073 | .00080 | .00433 | .00011 | .12    | .00148 | .00028 |
| %RSD   | 3.1388 | 674.25 | .34828 | 5.5652 | 7.1230 | .10336 | .44259 | 4.7494 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .11423 | -.00062 | .22949 | .08094 | .00166 | 120.97 | .33599 | .00577 |
| #2 | .10927 | .00041  | .22836 | .07481 | .00150 | 120.79 | .33389 | .00617 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00042 | 37.491 | .24595 | .07255 | .19572 | 263.94 | 1.4854 | 37.603 |
| Stddev | .00070 | .346   | .00224 | .00001 | .00299 | 6.88   | .0044  | .087   |
| %RSD   | 166.51 | .35540 | .91006 | .01371 | 1.5261 | 2.6086 | .29454 | .23087 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | -.00007 | 97.736 | .24436 | .07256 | .19360 | 268.80 | 1.4823 | 37.664 |
| #2 | .00091  | 97.246 | .24753 | .07255 | .19783 | 259.07 | 1.4885 | 37.541 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .15631 | .02220 | 3.0975 | .37234 | .57264 | 21.224 | .00281 | .30273 |
| Stddev | .00023 | .00016 | .0308  | .00368 | .01366 | .009   | .00021 | .01666 |
| %RSD   | .14548 | .71769 | .38045 | .98715 | 2.3859 | .04154 | 7.4967 | 5.5031 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .15615 | .02209 | 8.1192 | .36974 | .58230 | 21.231 | .00296 | .31451 |
| #2 | .15647 | .02231 | 8.0757 | .37494 | .56298 | 21.218 | .00266 | .29095 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 3.5903 | 5.4084 | .01791 | 1.2761 | .14492 | 3.795  | .41270 |
| Stddev | .0004  | .0048  | .00042 | .0103  | .00167 | .008   | .00110 |
| %RSD   | .01043 | .08869 | 2.3476 | .80847 | 1.1526 | .2204  | .26725 |

|    |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|-------|--------|
| #1 | 3.5905 | 5.4050 | .01821 | 1.2834 | .14610 | 3.801 | .41192 |
| #2 | 3.5900 | 5.4118 | .01761 | 1.2688 | .14374 | 3.790 | .41348 |

Sample Name: I4108-01      Acquired: 7/10/2017 14:33:36      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: BU-01-070617      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2387.1  | 11462.  | 5253.9  | 78.955 | 2216.0 |
| Stddev    | 4.8     | 20.     | 2.4     | 1.959  | 5.0    |
| %RSD      | .20004  | .17687  | .04478  | 2.4814 | .22696 |
| #1        | 2383.7  | 11476.  | 5255.6  | 77.570 | 2212.4 |
| #2        | 2390.5  | 11447.  | 5252.2  | 80.341 | 2219.5 |

Sample Name: I4108-04      Acquired: 7/10/2017 14:37:37      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: BU-01-070617      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .07802 | .00108 | .15592 | .06103 | .00252 | 111.53 | .23846 | .00553 |
| Stddev | .00009 | .00383 | .00041 | .00274 | .00238 | .77    | .00054 | .00012 |
| %RSD   | .11091 | 356.28 | .26144 | 4.4842 | 94.645 | .69158 | .22545 | 2.2389 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .07808 | .00163  | .15563 | .05909 | .00420 | 110.98 | .23808 | .00561 |
| #2 | .07796 | -.00379 | .15621 | .06296 | .00083 | 112.07 | .23884 | .00544 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00085 | 23.241 | .27535 | .03207 | .14893 | 204.55 | .61549 | 21.782 |
| Stddev | .00029 | .029   | .00107 | .00023 | .00207 | 2.78   | .00080 | .080   |
| %RSD   | 33.865 | .12437 | .38962 | .71750 | 1.3912 | 1.3606 | .12965 | .36926 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00105 | 23.220 | .27611 | .03191 | .15039 | 202.58 | .61492 | 21.725 |
| #2 | .00064 | 23.261 | .27459 | .03224 | .14746 | 206.52 | .61605 | 21.839 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .06961 | .01508 | 3.0089 | .30744 | .32344 | 29.652 | .00341 | .35344 |
| Stddev | .00009 | .00234 | .0181  | .00314 | .00280 | .060   | .00028 | .00596 |
| %RSD   | .12811 | 15.492 | .22588 | 1.0200 | .86628 | .20384 | 8.2574 | 1.6872 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .06967 | .01673 | 8.0216 | .30522 | .32146 | 29.610 | .00360 | .34923 |
| #2 | .06955 | .01343 | 7.9961 | .30966 | .32542 | 29.695 | .00321 | .35766 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.0489 | 3.2063 | .01431 | .98774 | .09325 | 2.813  | .10179 |
| Stddev | .0025  | .0075  | .00164 | .00178 | .00146 | .004   | .00034 |
| %RSD   | .12100 | .09169 | 11.443 | .18055 | 1.5604 | .1434  | .33648 |

|    |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|-------|--------|
| #1 | 2.0471 | 8.2116 | .01546 | .98900 | .09222 | 2.811 | .10203 |
| #2 | 2.0506 | 8.2010 | .01315 | .98648 | .09428 | 2.816 | .10154 |



Sample Name: I4108-04      Acquired: 7/10/2017 14:37:37      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: BU-01-070617      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2365.2  | 11203.  | 5105.1  | 32.787 | 2262.1 |
| Stddev    | 4.8     | 1.      | 31.8    | .748   | .5     |
| %RSD      | .20270  | .00723  | .62383  | .90382 | .02039 |
| #1        | 2361.9  | 11202.  | 5082.6  | 83.316 | 2261.7 |
| #2        | 2368.6  | 11203.  | 5127.6  | 82.258 | 2262.4 |

Sample Name: I4108-07      Acquired: 7/10/2017 14:41:40      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: BU-01-070617      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .22267 | .00443 | 1.4061 | .12743 | .00972 | 179.37 | 1.0475 | .00964 | .00737 |
| Stddev | .00542 | .00063 | .0392  | .00411 | .00403 | .42    | .0012  | .00018 | .00162 |
| %RSD   | 2.4339 | 14.338 | 2.7851 | 3.2271 | 41.511 | .23150 | .11396 | 1.8980 | 22.006 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .22650 | .00398 | 1.4338 | .12452 | .01257 | 179.08 | 1.0466 | .00951 | .00852 |
| #2 | .21883 | .00487 | 1.3784 | .13033 | .00687 | 179.67 | 1.0483 | .00977 | .00622 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 124.17 | 2.1711 | .07450 | .37081 | 422.44 | 10.940 | 35.950 | .17680 | .03438 |
| Stddev | .20    | .0027  | .00182 | .01667 | 1.93   | .028   | .098   | .00604 | .00334 |
| %RSD   | .16486 | .12479 | 2.4473 | 4.4959 | .45595 | .25560 | .27167 | 3.4184 | 9.7262 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 124.02 | 2.1730 | .07579 | .38260 | 421.08 | 10.960 | 36.019 | .18108 | .03674 |
| #2 | 124.31 | 2.1692 | .07321 | .35902 | 423.80 | 10.920 | 35.881 | .17253 | .03201 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.4776 | .50599 | 2.1765 | 22.286 | .01393 | .44988 | 3.0253 | 7.7874 | .05713 |
| Stddev | .0014  | .00139 | .0003  | .036   | .00027 | .00217 | .0977  | .0057  | .00292 |
| %RSD   | .03059 | .27564 | .01414 | .16224 | 1.9557 | .48296 | 3.2281 | .07334 | 5.1068 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 4.4785 | .50500 | 2.1767 | 22.312 | .01412 | .44834 | 3.0944 | 7.7914 | .05919 |
| #2 | 4.4766 | .50697 | 2.1763 | 22.261 | .01373 | .45141 | 2.9563 | 7.7833 | .05507 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.3348 | .19547 | 7.884  | 55967  |
| Stddev | .0052  | .00190 | .236   | .00069 |
| %RSD   | .38965 | .97431 | 2.992  | .12342 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 1.3311 | .19412 | 8.051 | .55918 |
| #2 | 1.3385 | .19681 | 7.717 | .56015 |

Sample Name: I4108-07      Acquired: 7/10/2017 14:41:40      Type: Unk  
 Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: BU-01-070617      Custom ID2:      Custom ID3:  
 Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2513.4  | 12159.  | 5582.4  | 30.814 | 2199.9 |
| Stddev    | 57.6    | 2.      | 4.0     | .260   | 63.4   |
| %RSD      | 2.2903  | .01267  | .07222  | .32220 | 2.8807 |
| #1        | 2472.6  | 12160.  | 5579.5  | 80.998 | 2155.1 |
| #2        | 2554.1  | 12158.  | 5585.2  | 80.630 | 2244.7 |

Sample Name: PB100479BL      Acquired: 7/10/2017 14:49:50      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: PB100479BL      Custom ID2:      Custom ID3:  
Comment:

|        |        |         |         |        |         |         |        |        |
|--------|--------|---------|---------|--------|---------|---------|--------|--------|
| Elem   | As1890 | Tl1908  | Pb2203  | Se1960 | Sb2068  | Al3961  | Ba4934 | Be2348 |
| Units  | ppm    | ppm     | ppm     | ppm    | ppm     | ppm     | ppm    | ppm    |
| Avg    | .00286 | -.00120 | -.00114 | .00258 | -.00067 | -.01147 | .00006 | .00013 |
| Stddev | .00203 | .00001  | .00194  | .00093 | .00106  | .00847  | .00023 | .00001 |
| %RSD   | 71.110 | .42659  | 170.44  | 36.192 | 157.63  | 73.835  | 376.44 | 11.277 |

|    |        |         |         |        |         |         |         |        |
|----|--------|---------|---------|--------|---------|---------|---------|--------|
| #1 | .00142 | -.00119 | .00023  | .00324 | -.00143 | -.00548 | -.00010 | .00012 |
| #2 | .00430 | -.00120 | -.00251 | .00192 | .00008  | -.01746 | .00022  | .00014 |

|        |         |         |        |         |         |         |         |        |
|--------|---------|---------|--------|---------|---------|---------|---------|--------|
| Elem   | Cd2265  | Ca3736  | Cr2677 | Co2286  | Cu2247  | Fe2404  | Mn2576  | Mg2790 |
| Units  | ppm     | ppm     | ppm    | ppm     | ppm     | ppm     | ppm     | ppm    |
| Avg    | -.00010 | -.01515 | .00067 | -.00018 | -.00002 | -.00088 | -.00032 | .00044 |
| Stddev | .00011  | .00799  | .00523 | .00005  | .00022  | .00631  | .00023  | .01641 |
| %RSD   | 115.05  | 52.744  | 785.27 | 27.384  | 1207.0  | 714.75  | 73.694  | 3766.6 |

|    |         |         |         |         |         |         |         |         |
|----|---------|---------|---------|---------|---------|---------|---------|---------|
| #1 | -.00018 | -.00950 | .00436  | -.00021 | .00013  | -.00534 | -.00048 | .01204  |
| #2 | -.00002 | -.02080 | -.00303 | -.00014 | -.00017 | .00358  | -.00015 | -.01117 |

|        |         |         |        |         |         |        |        |        |
|--------|---------|---------|--------|---------|---------|--------|--------|--------|
| Elem   | Ni2316  | Ag3280  | Na5895 | V_2924  | Zn2138  | K_7664 | Mo2020 | B_2496 |
| Units  | ppm     | ppm     | ppm    | ppm     | ppm     | ppm    | ppm    | ppm    |
| Avg    | -.00008 | F.00343 | .00246 | -.00181 | -.00005 | .03731 | .00035 | .00091 |
| Stddev | .00028  | .00158  | .00641 | .00111  | .00009  | .00252 | .00015 | .00952 |
| %RSD   | 333.38  | 46.198  | 260.34 | 61.741  | 182.21  | 6.7511 | 41.662 | 1047.8 |

|    |         |        |         |         |         |        |        |         |
|----|---------|--------|---------|---------|---------|--------|--------|---------|
| #1 | .00011  | .00455 | -.00207 | -.00102 | -.00012 | .03909 | .00046 | .00764  |
| #2 | -.00028 | .00231 | .00699  | -.00259 | .00001  | .03553 | .00025 | -.00582 |

|        |        |         |         |        |        |        |         |  |
|--------|--------|---------|---------|--------|--------|--------|---------|--|
| Elem   | S_1820 | Si2881  | Sn1899  | Ti3361 | Li6707 | P_1774 | Sr4077  |  |
| Units  | ppm    | ppm     | ppm     | ppm    | ppm    | ppm    | ppm     |  |
| Avg    | .00213 | -.00613 | -.00032 | .00251 | .00023 | -.0010 | -.00001 |  |
| Stddev | .00012 | .00499  | .00028  | .00168 | .00036 | .0012  | .00001  |  |
| %RSD   | 5.7834 | 81.457  | 87.622  | 66.742 | 156.40 | 119.0  | 123.92  |  |

|    |        |         |         |        |         |        |         |  |
|----|--------|---------|---------|--------|---------|--------|---------|--|
| #1 | .00222 | -.00966 | -.00012 | .00370 | -.00002 | -.0002 | -.00002 |  |
| #2 | .00205 | -.00260 | -.00052 | .00133 | .00048  | -.0018 | .00000  |  |

Sample Name: PB100479BL      Acquired: 7/10/2017 14:49:50      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: PB100479BL      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2259.7  | 10207.  | 4746.0  | 35.545 | 2388.0 |
| Stddev    | 5.7     | 53.     | 2.4     | 2.250  | 3.7    |
| %RSD      | .25194  | .52115  | .05091  | 2.6307 | .15692 |
| #1        | 2263.7  | 10169.  | 4747.7  | 87.136 | 2390.7 |
| #2        | 2255.7  | 10245.  | 4744.3  | 83.954 | 2385.4 |

Sample Name: CCV04      Acquired: 7/10/2017 14:54:01      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB11350      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.9332 | 4.8586 | 4.7368 | 5.0569 | 5.0148 | 10.115 | 9.6802 | 24661  | 2.4293 |
| Stddev | .0004  | .0134  | .0007  | .0158  | .0131  | .039   | .0420  | .00050 | .0034  |
| %RSD   | .00728 | .27636 | .01435 | .31313 | .26184 | .38551 | .43425 | .20357 | .14119 |

|    |        |        |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|--------|--------|-------|--------|
| #1 | 4.9334 | 4.8491 | 4.7372 | 5.0681 | 5.0241 | 10.087 | 9.7100 | 24696 | 2.4269 |
| #2 | 4.9329 | 4.8681 | 4.7363 | 5.0457 | 5.0055 | 10.143 | 9.6505 | 24625 | 2.4317 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 24.437 | 95949  | 2.3877 | 1.2322 | 4.8407 | 2.4773 | 23.833 | 2.4339 | 1.2212 |
| Stddev | .015   | .01514 | .0051  | .0013  | .0769  | .0042  | .073   | .0023  | .0012  |
| %RSD   | .06063 | 1.5778 | .21300 | .10866 | 1.5893 | .17130 | .30730 | .09405 | .09716 |

|    |        |       |        |        |        |        |        |        |        |
|----|--------|-------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 24.427 | 97019 | 2.3841 | 1.2332 | 4.7863 | 2.4803 | 23.885 | 2.4323 | 1.2220 |
| #2 | 24.448 | 94878 | 2.3913 | 1.2313 | 4.8951 | 2.4743 | 23.781 | 2.4356 | 1.2204 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 24.512 | 2.4853 | 2.4073 | 24.861 | 4.9942 | 5.0187 | 4.9828 | 4.8634 | 4.8384 |
| Stddev | .002   | .0063  | .0128  | .014   | .0033  | .0087  | .0030  | .0379  | .0066  |
| %RSD   | .00803 | .25455 | .53261 | .05660 | .06666 | .17269 | .06091 | .77867 | .13669 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 24.511 | 2.4898 | 2.3982 | 24.871 | 4.9966 | 5.0126 | 4.9806 | 4.8901 | 4.8338 |
| #2 | 24.514 | 2.4808 | 2.4163 | 24.851 | 4.9919 | 5.0249 | 4.9849 | 4.8366 | 4.8431 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.9058 | 4.9967 | 5.128  | 4.9521 |
| Stddev | .0273  | .0053  | .009   | .0508  |
| %RSD   | .55676 | .10531 | .1813  | 1.0257 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 4.8865 | 4.9929 | 5.121 | 4.9880 |
| #2 | 4.9251 | 5.0004 | 5.134 | 4.9161 |

Sample Name: CCV04      Acquired: 7/10/2017 14:54:01      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB11350      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2152.1  | 10175.  | 4607.5  | 31.153 | 2233.3 |
| Stddev    | 4.5     | 10.     | 25.6    | .221   | .7     |
| %RSD      | .20946  | .09520  | .55651  | .27268 | .03239 |
| #1        | 2148.9  | 10182.  | 4589.4  | 81.310 | 2233.9 |
| #2        | 2155.3  | 10168.  | 4625.6  | 80.997 | 2232.8 |

Sample Name: CCB04      Acquired: 7/10/2017 14:58:05      Type: Unk

Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000

User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:

Comment:

|        |        |         |         |        |         |         |         |        |
|--------|--------|---------|---------|--------|---------|---------|---------|--------|
| Elem   | As1890 | Tl1908  | Pb2203  | Se1960 | Sb2068  | Al3961  | Ba4934  | Be2348 |
| Units  | ppm    | ppm     | ppm     | ppm    | ppm     | ppm     | ppm     | ppm    |
| Avg    | .00164 | -.00084 | -.00185 | .00095 | -.00092 | -.01708 | -.00078 | .00024 |
| Stddev | .00036 | .00161  | .00046  | .00022 | .00114  | .00076  | .00061  | .00022 |
| %RSD   | 21.873 | 192.48  | 24.631  | 22.815 | 124.19  | 4.4738  | 77.308  | 91.313 |

|    |        |         |         |        |         |         |         |        |
|----|--------|---------|---------|--------|---------|---------|---------|--------|
| #1 | .00139 | -.00198 | -.00217 | .00079 | -.00011 | -.01763 | -.00121 | .00040 |
| #2 | .00190 | .00030  | -.00153 | .00110 | -.00173 | -.01654 | -.00036 | .00009 |

|        |         |         |         |         |        |         |         |        |
|--------|---------|---------|---------|---------|--------|---------|---------|--------|
| Elem   | Cd2265  | Ca3736  | Cr2677  | Co2286  | Cu2247 | Fe2404  | Mn2576  | Mg2790 |
| Units  | ppm     | ppm     | ppm     | ppm     | ppm    | ppm     | ppm     | ppm    |
| Avg    | -.00008 | -.00493 | -.00469 | -.00023 | .00064 | -.00331 | -.00037 | .02192 |
| Stddev | .00005  | .01843  | .00278  | .00010  | .00004 | .00277  | .00071  | .05081 |
| %RSD   | 60.256  | 373.64  | 59.362  | 43.806  | 6.6043 | 83.492  | 188.97  | 231.75 |

|    |         |         |         |         |        |         |         |         |
|----|---------|---------|---------|---------|--------|---------|---------|---------|
| #1 | -.00011 | .00810  | -.00666 | -.00016 | .00067 | -.00527 | -.00088 | .05785  |
| #2 | -.00004 | -.01796 | -.00272 | -.00031 | .00061 | -.00136 | .00013  | -.01400 |

|        |        |        |        |         |         |        |        |        |
|--------|--------|--------|--------|---------|---------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924  | Zn2138  | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm     | ppm    | ppm    | ppm    |
| Avg    | .00002 | .00057 | .00094 | -.00498 | -.00003 | .01532 | .00311 | .00430 |
| Stddev | .00011 | .00207 | .00664 | .00016  | .00002  | .02604 | .00039 | .00462 |
| %RSD   | 709.88 | 361.36 | 705.70 | 3.2055  | 60.746  | 169.99 | 12.612 | 107.50 |

|    |         |         |         |         |         |         |        |        |
|----|---------|---------|---------|---------|---------|---------|--------|--------|
| #1 | .00010  | .00204  | .00564  | -.00509 | -.00004 | .03373  | .00338 | .00103 |
| #2 | -.00006 | -.00089 | -.00376 | -.00487 | -.00002 | -.00309 | .00283 | .00756 |

|        |         |         |        |        |        |        |        |  |
|--------|---------|---------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820  | Si2881  | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm     | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | -.00002 | -.00141 | .00016 | .00198 | .00118 | .0009  | .00007 |  |
| Stddev | .00145  | .00180  | .00080 | .00022 | .00058 | .0013  | .00012 |  |
| %RSD   | 6019.7  | 128.20  | 500.20 | 11.116 | 49.272 | 152.4  | 176.89 |  |

|    |         |         |         |        |        |        |         |  |
|----|---------|---------|---------|--------|--------|--------|---------|--|
| #1 | -.00105 | -.00013 | -.00041 | .00214 | .00159 | .0018  | .00015  |  |
| #2 | .00100  | -.00268 | .00073  | .00182 | .00077 | -.0001 | -.00002 |  |



Sample Name: CCB04      Acquired: 7/10/2017 14:58:05      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2218.8  | 9987.4  | 4779.6  | 38.347 | 2345.9 |
| Stddev    | 2.9     | 82.1    | 176.5   | 4.283  | 2.5    |
| %RSD      | .13153  | .82174  | 3.6928  | 4.8483 | .10813 |
| #1        | 2220.8  | 10045.  | 4904.4  | 91.376 | 2344.2 |
| #2        | 2216.7  | 9929.4  | 4654.8  | 85.318 | 2347.7 |

Sample Name: PB100479BS      Acquired: 7/10/2017 15:02:18      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: PB100479BS      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .83035 | 1.9680 | .99385 | 1.9821 | .83933 | 2.2028 | .21806 | .21456 |
| Stddev | .00230 | .0063  | .00079 | .0046  | .00117 | .0341  | .00194 | .00125 |
| %RSD   | .27667 | .32279 | .07904 | .23218 | .13949 | 1.5486 | .89191 | .58202 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .82873 | 1.9635 | .99329 | 1.9789 | .84016 | 2.2270 | .21668 | .21544 |
| #2 | .83197 | 1.9725 | .99440 | 1.9854 | .83850 | 2.1787 | .21943 | .21368 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .20810 | 1.1513 | .42627 | .20781 | .33091 | 3.1491 | .21772 | 2.1513 |
| Stddev | .00109 | .0131  | .00559 | .00012 | .00008 | .0056  | .00122 | .0423  |
| %RSD   | .52256 | 1.1368 | 1.3120 | .05587 | .02413 | .17790 | .56112 | 1.9676 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .20733 | 1.1421 | .42231 | .20772 | .33086 | 3.1452 | .21858 | 2.1813 |
| #2 | .20887 | 1.1606 | .43022 | .20789 | .33097 | 3.1531 | .21685 | 2.1214 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .52699 | .07959 | 3.3167 | .32430 | .20896 | 11.000 | .43659 | .33570 |
| Stddev | .00104 | .00229 | .0161  | .00007 | .00104 | .005   | .00174 | .00827 |
| %RSD   | .19751 | 2.8791 | .48572 | .02155 | .49780 | .04457 | .39955 | 2.4632 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .52772 | .08121 | 3.3053 | .32435 | .20823 | 10.997 | .43783 | .32986 |
| #2 | .52625 | .07797 | 3.3281 | .32425 | .20970 | 11.003 | .43536 | .34155 |

|        |          |        |        |        |        |        |        |  |
|--------|----------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820   | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm      | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | F .00282 | .96776 | .73569 | .21984 | .22498 | 3.088  | .20627 |  |
| Stddev | .00228   | .00537 | .00156 | .00198 | .00017 | .018   | .00080 |  |
| %RSD   | 80.761   | .55490 | .21153 | .90004 | .07478 | .2973  | .38863 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | .00121 | .96396 | .73459 | .22124 | .22486 | 6.076 | .20570 |  |
| #2 | .00443 | .97155 | .73680 | .21844 | .22510 | 6.101 | .20684 |  |

Sample Name: PB100479BS      Acquired: 7/10/2017 15:02:18      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: PB100479BS      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2188.6  | 10031.  | 4554.7  | 33.684 | 2347.8 |
| Stddev    | 6.4     | 83.     | 16.0    | .118   | 3.5    |
| %RSD      | .29336  | .82397  | .35039  | .14158 | .14940 |
| #1        | 2184.1  | 9972.2  | 4566.0  | 83.600 | 2345.3 |
| #2        | 2193.2  | 10089.  | 4543.4  | 83.768 | 2350.3 |

Sample Name: I4069-01      Acquired: 7/10/2017 15:06:17      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: SB-1(10.5-11      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .03261 | .00493 | .19093 | .10945 | .00621 | 101.50 | .84357 | .00589 |
| Stddev | .00077 | .00093 | .00190 | .00028 | .00176 | .03    | .00507 | .00018 |
| %RSD   | 2.3702 | 18.954 | .99713 | .25371 | 28.333 | .03324 | .60090 | 3.0001 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .03315 | .00427 | .19228 | .10925 | .00497 | 101.48 | .84716 | .00602 |
| #2 | .03206 | .00559 | .18959 | .10964 | .00746 | 101.52 | .83999 | .00577 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00310 | 21.266 | .22577 | .15412 | .21273 | 338.92 | 9.7061 | 41.950 |
| Stddev | .00035 | .136   | .00536 | .00008 | .00097 | 5.99   | .0003  | .228   |
| %RSD   | 11.274 | .64157 | 2.3738 | .05082 | .45628 | 1.7671 | .00290 | .54243 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00285 | 21.362 | .22956 | .15417 | .21205 | 343.16 | 9.7059 | 42.110 |
| #2 | .00334 | 21.169 | .22198 | .15406 | .21342 | 334.69 | 9.7063 | 41.789 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .28309 | .02791 | 5.5961 | .37390 | .71338 | 22.323 | .00037 | .32597 |
| Stddev | .00179 | .00124 | .0358  | .00107 | .01495 | .119   | .00040 | .00806 |
| %RSD   | .63324 | 4.4290 | .63934 | .28516 | 2.0963 | .53137 | 109.89 | 2.4717 |

|    |        |        |        |        |        |        |         |        |
|----|--------|--------|--------|--------|--------|--------|---------|--------|
| #1 | .28436 | .02879 | 5.6214 | .37314 | .72396 | 22.407 | -.00008 | .33167 |
| #2 | .28183 | .02704 | 5.5708 | .37465 | .70281 | 22.239 | -.00065 | .32028 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .38576 | 3.6768 | .03541 | 3.0813 | .10924 | 7.958  | .08647 |  |
| Stddev | .00321 | .0094  | .00171 | .0223  | .00078 | .042   | .00044 |  |
| %RSD   | .83102 | .25547 | 4.8216 | .36730 | .71676 | .5225  | .51090 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | .38803 | 3.6834 | .03420 | 6.0971 | .10979 | 7.987 | .08678 |  |
| #2 | .38350 | 3.6701 | .03662 | 6.0655 | .10868 | 7.928 | .08616 |  |

Sample Name: I4069-01      Acquired: 7/10/2017 15:06:17      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: SB-1(10.5-11      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2648.0  | 12648.  | 5762.8  | 30.888 | 2188.7 |
| Stddev    | 10.9    | 68.     | 56.2    | 1.732  | 12.8   |
| %RSD      | .41335  | .53623  | .97548  | 2.1411 | .58661 |
| #1        | 2640.2  | 12600.  | 5723.0  | 79.663 | 2179.6 |
| #2        | 2655.7  | 12696.  | 5802.5  | 82.113 | 2197.8 |

Sample Name: I4069-02      Acquired: 7/10/2017 15:10:19      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: SB-1      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .03788 | .00301 | .21252 | .12332 | .00623 | .11588 | .95379 | .00546 | .00263 |
| Stddev | .00082 | .00237 | .00029 | .00133 | .00260 | .461   | .00105 | .00015 | .00065 |
| %RSD   | 2.1727 | 78.922 | .13425 | 1.0814 | 41.701 | .50281 | .11031 | 2.8239 | 24.872 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .03846 | .00133 | .21272 | .12427 | .00806 | 91.262 | .95453 | .00535 | .00217 |
| #2 | .03730 | .00469 | .21231 | .12238 | .00439 | 91.914 | .95304 | .00557 | .00309 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 29.432 | 27119  | 15399  | 22934  | 372.49 | 3.3117 | 39.425 | 26839  | 3262   |
| Stddev | .006   | .00236 | .00012 | .00429 | 4.65   | .0085  | .017   | .00168 | .00329 |
| %RSD   | .02016 | .87198 | .07471 | 1.8711 | 1.2487 | .09147 | .04255 | .62765 | 10.084 |

|    |        |       |       |       |        |        |        |       |      |
|----|--------|-------|-------|-------|--------|--------|--------|-------|------|
| #1 | 29.436 | 27286 | 15391 | 22630 | 375.78 | 9.3056 | 39.437 | 26958 | 3495 |
| #2 | 29.427 | 26951 | 15407 | 23237 | 369.20 | 9.3177 | 39.414 | 26720 | 3030 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 7.6774 | 48726  | 62761  | 20.481 | 300246 | 36268  | 47254  | 3.3606 | 32674  |
| Stddev | .0089  | .00040 | .01159 | .020   | .00025 | .00328 | .00498 | .0248  | .00160 |
| %RSD   | .11635 | .08171 | 1.8474 | .09800 | 10.010 | .90535 | 1.0546 | .73663 | 5.9858 |

|    |        |       |       |        |        |       |       |        |       |
|----|--------|-------|-------|--------|--------|-------|-------|--------|-------|
| #1 | 7.6837 | 48698 | 63581 | 20.467 | 300263 | 36500 | 47606 | 3.3781 | 32561 |
| #2 | 7.6711 | 48754 | 61941 | 20.495 | 300228 | 36036 | 46902 | 3.3430 | 32787 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 5.4127 | 14250  | 7.012  | 13348  |
| Stddev | .0115  | .00020 | .013   | .00015 |
| %RSD   | .21201 | .14014 | .1789  | .11045 |

|    |        |       |       |       |
|----|--------|-------|-------|-------|
| #1 | 5.4046 | 14235 | 7.003 | 13337 |
| #2 | 5.4208 | 14264 | 7.021 | 13358 |

Sample Name: I4069-02      Acquired: 7/10/2017 15:10:19      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: SB-1      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2644.8  | 12693.  | 5757.6  | 30.361 | 2186.4 |
| Stddev    | 3.5     | 34.     | 42.7    | 1.569  | .0     |
| %RSD      | .13355  | .26875  | .74085  | 1.9526 | .00063 |
| #1        | 2647.3  | 12669.  | 5727.4  | 79.251 | 2186.4 |
| #2        | 2642.3  | 12717.  | 5787.8  | 81.470 | 2186.4 |

Sample Name: I4069-03      Acquired: 7/10/2017 15:14:23      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: SB-2(12.0-12      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .03200 | .00608 | .35906 | .06208 | .00332 | 39.711 | .70968 | .00397 | .00258 |
| Stddev | .00064 | .00255 | .00722 | .00117 | .00262 | .658   | .00245 | .00007 | .00100 |
| %RSD   | 2.0032 | 41.904 | 2.0101 | 1.8795 | 78.983 | .94355 | .34476 | 1.6703 | 38.725 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .03246 | .00789 | .35396 | .06125 | .00146 | 69.246 | .71141 | .00402 | .00187 |
| #2 | .03155 | .00428 | .36416 | .06290 | .00517 | 70.177 | .70795 | .00393 | .00329 |

|        |        |        |        |        |         |        |        |        |        |
|--------|--------|--------|--------|--------|---------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404  | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    |
| Avg    | 39.829 | .20479 | .09779 | .29040 | .215.20 | 5.4261 | 52.560 | .21655 | .01636 |
| Stddev | .199   | .00276 | .00197 | .00628 | 2.40    | .0190  | .185   | .00519 | .00088 |
| %RSD   | .28506 | 1.3488 | 2.0115 | 2.1630 | 1.1133  | .34968 | .35271 | 2.3972 | 5.3590 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 69.969 | .20284 | .09640 | .28596 | 216.89 | 5.4127 | 52.691 | .21288 | .01574 |
| #2 | 69.688 | .20674 | .09918 | .29484 | 213.50 | 5.4396 | 52.429 | .22022 | .01698 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.4230 | .26034 | 1.0914 | 15.531 | .02340 | .20721 | .73865 | 4.4546 | .03225 |
| Stddev | .0103  | .00223 | .0093  | .031   | .00003 | .00975 | .01648 | .0257  | .00027 |
| %RSD   | .23386 | .85484 | .84940 | .20201 | .13782 | 4.7078 | 2.2318 | .57768 | .82550 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 4.4303 | .25877 | 1.0979 | 15.509 | .02338 | .21410 | .72699 | 4.4728 | .03244 |
| #2 | 4.4157 | .26192 | 1.0848 | 15.553 | .02343 | .20031 | .75030 | 4.4365 | .03207 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 3.2768 | .11338 | 9.697  | 20536  |
| Stddev | .0085  | .00017 | .180   | .00179 |
| %RSD   | .25915 | .15014 | 1.855  | .86963 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 3.2828 | .11326 | 9.570 | .20662 |
| #2 | 3.2708 | .11350 | 9.824 | .20410 |



Sample Name: I4069-03      Acquired: 7/10/2017 15:14:23      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: SB-2(12.0-12      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2399.7  | 11673.  | 5278.9  | 30.511 | 2201.0 |
| Stddev    | 30.0    | 68.     | 30.2    | 1.082  | 37.3   |
| %RSD      | 1.2490  | .58516  | .57264  | 1.3438 | 1.6969 |
| #1        | 2420.9  | 11721.  | 5257.5  | 79.746 | 2227.4 |
| #2        | 2378.5  | 11625.  | 5300.3  | 81.276 | 2174.6 |

Sample Name: I4069-04      Acquired: 7/10/2017 15:18:30      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: SB-2      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .03642 | .00039 | .15155 | .06472 | .00258 | 38.419 | 1.0969 | .00503 |
| Stddev | .00291 | .00009 | .00000 | .00245 | .00082 | .605   | .0035  | .00015 |
| %RSD   | 7.9989 | 23.772 | .00032 | 3.7873 | 31.835 | .68378 | .32249 | 2.9303 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .03848 | -.00032 | .15155 | .06299 | .00316 | 87.992 | 1.0944 | .00492 |
| #2 | .03436 | -.00046 | .15155 | .06646 | .00200 | 88.847 | 1.0994 | .00513 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00233 | 162.04 | .20669 | .12222 | .18115 | 261.32 | 5.5966 | 35.369 |
| Stddev | .00066 | .25    | .00233 | .00091 | .00304 | 4.45   | .0114  | .391   |
| %RSD   | 28.126 | .15154 | 1.1262 | .74518 | 1.6784 | 1.7011 | .20311 | .45759 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00187 | 161.87 | .20504 | .12158 | .17900 | 264.47 | 5.6047 | 85.093 |
| #2 | .00280 | 162.22 | .20833 | .12287 | .18330 | 258.18 | 5.5886 | 85.645 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .25437 | .02192 | 5.2120 | .33952 | .50161 | 23.182 | .00018 | .31352 |
| Stddev | .00083 | .00206 | .0105  | .00301 | .00767 | .064   | .00007 | .00493 |
| %RSD   | .32488 | 9.3818 | .20200 | .88514 | 1.5294 | .27489 | 39.154 | 1.5712 |

|    |        |        |        |        |        |        |         |        |
|----|--------|--------|--------|--------|--------|--------|---------|--------|
| #1 | .25379 | .02337 | 5.2045 | .33739 | .50703 | 23.137 | -.00013 | .31701 |
| #2 | .25496 | .02046 | 5.2194 | .34164 | .49618 | 23.227 | -.00023 | .31004 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .36128 | 6.6845 | .02218 | 4.6075 | .13585 | 9.965  | .29406 |  |
| Stddev | .00266 | .0093  | .00206 | .0067  | .00122 | .037   | .00082 |  |
| %RSD   | .73729 | .13964 | 9.3030 | .14547 | .89474 | .3706  | .27721 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | .36317 | 6.6911 | .02364 | 4.6028 | .13671 | 9.939 | .29464 |  |
| #2 | .35940 | 6.6779 | .02072 | 4.6122 | .13499 | 9.991 | .29348 |  |

Sample Name: I4069-04      Acquired: 7/10/2017 15:18:30      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: SB-2      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2495.5  | 12188.  | 5474.5  | 78.828 | 2152.0 |
| Stddev    | 1.6     | 73.     | 12.5    | 1.444  | 3.5    |
| %RSD      | .06437  | .60121  | .22904  | 1.8318 | .16416 |
| #1        | 2496.6  | 12240.  | 5483.4  | 77.807 | 2154.5 |
| #2        | 2494.4  | 12137.  | 5465.6  | 79.849 | 2149.5 |

Sample Name: I4069-05      Acquired: 7/10/2017 15:22:30      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: SB-3(6.5-7.0      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .14914 | .00457 | 3.0212 | .05971 | .01299 | 109.93 | 20.542 | .00591 | .00638 |
| Stddev | .00003 | .00265 | .0116  | .00375 | .00162 | .28    | .036   | .00016 | .00017 |
| %RSD   | .02302 | 57.906 | .38449 | 6.2789 | 12.501 | .25698 | .17450 | 2.6986 | 2.5896 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .14912 | .00644 | 3.0294 | .05706 | .01184 | 110.13 | 20.567 | .00602 | .00650 |
| #2 | .14917 | .00270 | 3.0129 | .06236 | .01414 | 109.73 | 20.517 | .00580 | .00627 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 290.74 | .93652 | .12637 | .58430 | 290.14 | 3.1589 | 90.773 | .75003 | .02637 |
| Stddev | .87    | .00297 | .00114 | .00024 | 1.72   | .0124  | .685   | .00135 | .00082 |
| %RSD   | .29842 | .31702 | .90066 | .04164 | .59355 | .15185 | .75506 | .18009 | 3.1060 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 291.36 | .93861 | .12717 | .58447 | 288.92 | 8.1676 | 91.258 | .75098 | .02579 |
| #2 | 290.13 | .93442 | .12556 | .58413 | 291.35 | 8.1501 | 90.288 | .74907 | .02695 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 10.988 | .41702 | 2.4118 | 24.072 | .01064 | .30756 | 11.279 | 18.395 | .44444 |
| Stddev | .013   | .00422 | .0039  | .108   | .00012 | .00697 | .042   | .178   | .00178 |
| %RSD   | .11765 | 1.0109 | .15996 | .44802 | 1.1572 | 2.2677 | .37454 | .96973 | .40087 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 10.997 | .42000 | 2.4090 | 24.148 | .01073 | .30263 | 11.309 | 18.521 | .44570 |
| #2 | 10.979 | .41404 | 2.4145 | 23.996 | .01056 | .31249 | 11.249 | 18.269 | .44318 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.3107 | .16243 | 3.954  | 1.2281 |
| Stddev | .0228  | .00131 | .038   | .0035  |
| %RSD   | .52917 | .80744 | .4270  | .28586 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 4.3269 | .16150 | 8.981 | 1.2306 |
| #2 | 4.2946 | .16336 | 8.927 | 1.2256 |

Sample Name: I4069-05      Acquired: 7/10/2017 15:22:30      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: SB-3(6.5-7.0 Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2331.2  | 11552.  | 5239.2  | 76.014 | 2101.6 |
| Stddev    | 1.2     | 65.     | 41.4    | .127   | 8.2    |
| %RSD      | .05236  | .56221  | .79050  | .16665 | .39221 |
| #1        | 2330.3  | 11506.  | 5209.9  | 76.104 | 2095.8 |
| #2        | 2332.0  | 11597.  | 5268.5  | 75.925 | 2107.4 |

Sample Name: I4069-06      Acquired: 7/10/2017 15:26:34      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: SB-3      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .16857 | .00219 | 4.0477 | .06159 | .00416 | 102.51 | 22.364 | .00586 | .00855 |
| Stddev | .00196 | .00188 | .0272  | .00604 | .00143 | .56    | .195   | .00041 | .00066 |
| %RSD   | 1.1646 | 85.952 | .67172 | 9.8132 | 34.400 | .54634 | .87262 | 6.9650 | 7.6809 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .16718 | .00352 | 4.0670 | .06587 | .00314 | 102.91 | 22.502 | .00615 | .00809 |
| #2 | .16996 | .00086 | 4.0285 | .05732 | .00517 | 102.11 | 22.226 | .00558 | .00902 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 188.32 | .29752 | .13017 | .69937 | 249.46 | 3.0379 | 32.693 | .86172 | .02155 |
| Stddev | 1.48   | .00185 | .00105 | .00221 | 8.84   | .0717  | .827   | .00324 | .00655 |
| %RSD   | .78609 | .62225 | .80570 | .31567 | 3.5436 | 1.1878 | .99963 | .37559 | 30.375 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 189.36 | .29883 | .13092 | .69781 | 255.71 | 6.0886 | 83.278 | .86401 | .01692 |
| #2 | 187.27 | .29621 | .12943 | .70093 | 243.21 | 5.9872 | 82.108 | .85943 | .02618 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 19.342 | .33454 | 2.6074 | 24.247 | .00457 | 24471  | 9.8121 | 3.5973 | .07926 |
| Stddev | .169   | .00505 | .0853  | .190   | .00015 | .01264 | .0576  | .0851  | .00023 |
| %RSD   | .87145 | 1.5086 | 3.2707 | .78249 | 3.1722 | 5.1656 | .58721 | 1.2901 | .29036 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 19.461 | .33811 | 2.6677 | 24.381 | .00467 | .25365 | 9.8529 | 6.6575 | .07942 |
| #2 | 19.223 | .33097 | 2.5471 | 24.113 | .00447 | .23578 | 9.7714 | 6.5371 | .07909 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 3.8448 | .15534 | 12.04  | 1.0577 |
| Stddev | .0159  | .00086 | .08    | .0093  |
| %RSD   | .41291 | .55255 | .6662  | .87847 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 3.8561 | .15594 | 12.10 | 1.0643 |
| #2 | 3.8336 | .15473 | 11.99 | 1.0512 |

Sample Name: I4069-06      Acquired: 7/10/2017 15:26:34      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: SB-3      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2375.9  | 11863.  | 5362.1  | 31.845 | 2170.3 |
| Stddev    | 9.1     | 69.     | 39.4    | 2.729  | 11.0   |
| %RSD      | .38445  | .57903  | .73422  | 3.3340 | .50538 |
| #1        | 2369.5  | 11814.  | 5334.3  | 79.915 | 2162.6 |
| #2        | 2382.4  | 11911.  | 5390.0  | 83.774 | 2178.1 |

Sample Name: I4078-01      Acquired: 7/10/2017 15:30:38      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: VNJ-228      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .04877 | .00082 | .29353 | .05155 | .00018 | 110.82 | .37060 | .00290 |
| Stddev | .00054 | .00184 | .00178 | .00048 | .00153 | .57    | .00246 | .00015 |
| %RSD   | 1.1069 | 223.53 | .60542 | .92161 | 833.10 | .51686 | .66430 | 5.2630 |

|    |        |         |        |        |         |        |        |        |
|----|--------|---------|--------|--------|---------|--------|--------|--------|
| #1 | .04915 | -.00213 | .29227 | .05188 | .00127  | 111.22 | .37234 | .00279 |
| #2 | .04839 | .00048  | .29479 | .05121 | -.00090 | 110.41 | .36886 | .00301 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00025 | 13.983 | .13504 | .05087 | .22837 | 170.99 | 3.6283 | 15.844 |
| Stddev | .00042 | .073   | .00219 | .00018 | .00293 | 3.49   | .0120  | .016   |
| %RSD   | 164.64 | .51906 | 1.6248 | .34493 | 1.2844 | 2.0434 | .33088 | .10210 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | -.00004 | 14.034 | .13349 | .05074 | .22630 | 173.46 | 3.6368 | 15.856 |
| #2 | .00055  | 13.931 | .13659 | .05099 | .23045 | 168.52 | 3.6198 | 15.833 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .10695 | .01603 | 7.2166 | .20910 | .30647 | 4.8470 | .00279 | .16315 |
| Stddev | .00049 | .00112 | .0200  | .00081 | .00712 | .0286  | .00004 | .00894 |
| %RSD   | .45610 | 6.9669 | .27689 | .38656 | 2.3247 | .58956 | 1.5451 | 5.4802 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .10661 | .01524 | 7.2307 | .20967 | .31151 | 4.8672 | .00276 | .16947 |
| #2 | .10730 | .01682 | 7.2024 | .20853 | .30144 | 4.8268 | .00282 | .15683 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.3917 | 5.0264 | .01747 | 1.1742 | .06938 | 3.755  | .07180 |
| Stddev | .0074  | .0093  | .00118 | .0004  | .00087 | .017   | .00052 |
| %RSD   | .53435 | .18476 | 6.7458 | .03232 | 1.2546 | .4630  | .72106 |

|    |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|-------|--------|
| #1 | 1.3865 | 5.0198 | .01664 | 1.1745 | .06876 | 3.742 | .07217 |
| #2 | 1.3970 | 5.0329 | .01831 | 1.1739 | .06999 | 3.767 | .07144 |



Sample Name: I4078-01      Acquired: 7/10/2017 15:30:38      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: VNJ-228      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2390.7  | 11290.  | 5184.0  | 32.650 | 2283.0 |
| Stddev    | 9.3     | 60.     | 23.6    | 1.880  | 11.5   |
| %RSD      | .38932  | .53051  | .45459  | 2.2744 | .50283 |
| #1        | 2397.2  | 11248.  | 5167.4  | 81.321 | 2291.1 |
| #2        | 2384.1  | 11333.  | 5200.7  | 83.980 | 2274.9 |

Sample Name: I4078-05      Acquired: 7/10/2017 15:34:41      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: VNJ-211      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .05156 | .00084 | .20673 | .04951 | .00289 | 30.057 | .26599 | .00209 |
| Stddev | .00107 | .00453 | .00010 | .00190 | .00025 | .548   | .00034 | .00001 |
| %RSD   | 2.0722 | 540.54 | .04748 | 3.8449 | 8.5060 | .60833 | .12861 | .51480 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .05232 | -.00404 | .20679 | .04816 | .00272 | 90.445 | .26623 | .00208 |
| #2 | .05080 | .00236  | .20666 | .05085 | .00307 | 89.670 | .26575 | .00210 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00047 | 24.620 | .11363 | .03668 | .14203 | 162.94 | 1.3762 | 10.812 |
| Stddev | .00012 | .067   | .00129 | .00029 | .00007 | 2.17   | .0041  | .025   |
| %RSD   | 26.382 | .27043 | 1.1344 | .78205 | .05198 | 1.3335 | .29738 | .23226 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | -.00056 | 24.667 | .11272 | .03688 | .14208 | 164.47 | 1.3791 | 10.829 |
| #2 | -.00038 | 24.573 | .11454 | .03648 | .14197 | 161.40 | 1.3733 | 10.794 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .07550 | .01382 | 4.9260 | .20551 | .18292 | 3.6272 | .00235 | .15233 |
| Stddev | .00009 | .00035 | .0213  | .00085 | .00211 | .0107  | .00037 | .00816 |
| %RSD   | .12308 | 2.5112 | .43266 | .41212 | 1.1525 | .29365 | 15.887 | 5.3559 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .07556 | .01358 | 4.9411 | .20491 | .18442 | 3.6197 | .00208 | .15809 |
| #2 | .07543 | .01407 | 4.9109 | .20611 | .18143 | 3.6348 | .00261 | .14656 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.9208 | 5.3120 | .01553 | 1.0837 | .05041 | 1.738  | .08579 |
| Stddev | .0058  | .0355  | .00024 | .0086  | .00077 | .009   | .00013 |
| %RSD   | .29972 | .66919 | 1.5326 | .79686 | 1.5370 | .5097  | .15555 |

|    |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|-------|--------|
| #1 | 1.9168 | 5.2868 | .01536 | 1.0898 | .04986 | 1.732 | .08589 |
| #2 | 1.9249 | 5.3371 | .01570 | 1.0776 | .05095 | 1.745 | .08570 |

Sample Name: I4078-05      Acquired: 7/10/2017 15:34:41      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: VNJ-211      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2346.3  | 11102.  | 5074.2  | 33.019 | 2302.8 |
| Stddev    | 1.8     | 48.     | 6.4     | 1.040  | .1     |
| %RSD      | .07547  | .43417  | .12684  | 1.2527 | .00304 |
| #1        | 2345.1  | 11068.  | 5069.6  | 82.283 | 2302.7 |
| #2        | 2347.6  | 11136.  | 5078.7  | 83.754 | 2302.8 |

Sample Name: PB100511BL      Acquired: 7/10/2017 15:38:45      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: PB100511BL      Custom ID2:      Custom ID3:  
Comment:

|        |        |         |         |         |         |         |         |        |
|--------|--------|---------|---------|---------|---------|---------|---------|--------|
| Elem   | As1890 | Tl1908  | Pb2203  | Se1960  | Sb2068  | Al3961  | Ba4934  | Be2348 |
| Units  | ppm    | ppm     | ppm     | ppm     | ppm     | ppm     | ppm     | ppm    |
| Avg    | .00310 | -.00167 | -.00088 | -.00024 | -.00360 | -.01196 | -.00075 | .00031 |
| Stddev | .00026 | .00087  | .00018  | .00433  | .00121  | .01020  | .00065  | .00013 |
| %RSD   | 8.2504 | 52.089  | 19.991  | 1814.2  | 33.760  | 85.331  | 87.449  | 40.903 |

|    |        |         |         |         |         |         |         |        |
|----|--------|---------|---------|---------|---------|---------|---------|--------|
| #1 | .00292 | -.00228 | -.00075 | .00282  | -.00274 | -.01917 | -.00029 | .00022 |
| #2 | .00328 | -.00105 | -.00100 | -.00330 | -.00446 | -.00474 | -.00121 | .00040 |

|        |        |         |          |        |        |        |         |        |
|--------|--------|---------|----------|--------|--------|--------|---------|--------|
| Elem   | Cd2265 | Ca3736  | Cr2677   | Co2286 | Cu2247 | Fe2404 | Mn2576  | Mg2790 |
| Units  | ppm    | ppm     | ppm      | ppm    | ppm    | ppm    | ppm     | ppm    |
| Avg    | .00002 | -.00765 | F-.00319 | .00007 | .00038 | .00192 | -.00032 | .01490 |
| Stddev | .00010 | .00601  | .00012   | .00003 | .00008 | .00444 | .00066  | .02012 |
| %RSD   | 418.79 | 78.466  | 3.6123   | 36.273 | 19.964 | 231.20 | 210.44  | 135.10 |

|    |         |         |        |        |        |         |         |        |
|----|---------|---------|--------|--------|--------|---------|---------|--------|
| #1 | -.00005 | -.00341 | .00311 | .00005 | .00043 | .00507  | -.00078 | .00067 |
| #2 | .00009  | -.01190 | .00327 | .00009 | .00032 | -.00122 | .00015  | .02913 |

|        |         |        |         |        |         |        |         |         |
|--------|---------|--------|---------|--------|---------|--------|---------|---------|
| Elem   | Ni2316  | Ag3280 | Na5895  | V_2924 | Zn2138  | K_7664 | Mo2020  | B_2496  |
| Units  | ppm     | ppm    | ppm     | ppm    | ppm     | ppm    | ppm     | ppm     |
| Avg    | -.00035 | .00217 | -.00376 | .00141 | -.00001 | .03569 | -.00011 | -.00654 |
| Stddev | .00011  | .00342 | .00545  | .00141 | .00005  | .00476 | .00001  | .00204  |
| %RSD   | 29.994  | 157.24 | 144.79  | 99.955 | 390.87  | 13.326 | 14.053  | 31.175  |

|    |         |         |         |        |         |        |         |         |
|----|---------|---------|---------|--------|---------|--------|---------|---------|
| #1 | -.00043 | .00459  | .00009  | .00241 | .00002  | .03906 | -.00012 | -.00798 |
| #2 | -.00028 | -.00024 | -.00761 | .00041 | -.00005 | .03233 | -.00010 | -.00510 |

|        |        |        |         |        |        |        |        |  |
|--------|--------|--------|---------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899  | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .00144 | .00411 | -.00031 | .00191 | .00076 | .0002  | .00010 |  |
| Stddev | .00141 | .02149 | .00040  | .00158 | .00097 | .0003  | .00002 |  |
| %RSD   | 97.936 | 523.12 | 130.15  | 82.675 | 126.96 | 174.0  | 16.607 |  |

|    |        |         |         |        |        |       |        |  |
|----|--------|---------|---------|--------|--------|-------|--------|--|
| #1 | .00044 | .01930  | -.00002 | .00079 | .00008 | .0003 | .00012 |  |
| #2 | .00244 | -.01109 | -.00059 | .00303 | .00145 | .0000 | .00009 |  |

Sample Name: PB100511BL      Acquired: 7/10/2017 15:38:45      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: PB100511BL      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2273.4  | 10333.  | 4749.8  | 37.280 | 2409.4 |
| Stddev    | .9      | 9.      | 13.0    | .560   | 4.2    |
| %RSD      | .03756  | .08705  | .27343  | .64199 | .17346 |
| #1        | 2274.0  | 10327.  | 4759.0  | 87.677 | 2412.3 |
| #2        | 2272.8  | 10339.  | 4740.6  | 86.884 | 2406.4 |

Sample Name: CCV05      Acquired: 7/10/2017 15:42:55      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV05      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.9503 | 4.8753 | 4.7552 | 5.0865 | 5.0335 | 10.047 | 9.8636 | 24668  | 2.4328 |
| Stddev | .0029  | .0072  | .0019  | .0062  | .0054  | .129   | .1819  | .00128 | .0045  |
| %RSD   | .05934 | .14774 | .04069 | .12213 | .10649 | 1.2852 | 1.8437 | .52007 | .18443 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 4.9482 | 4.8804 | 4.7538 | 5.0909 | 5.0373 | 9.9562 | 9.7351 | .24577 | 2.4360 |
| #2 | 4.9524 | 4.8702 | 4.7565 | 5.0821 | 5.0297 | 10.139 | 9.9922 | .24758 | 2.4297 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 24.597 | 96433  | 2.4028 | 1.2388 | 4.9310 | 2.4904 | 23.955 | 2.4418 | 1.2130 |
| Stddev | .023   | .00331 | .0038  | .0008  | .0088  | .0204  | .070   | .0042  | .0007  |
| %RSD   | .09398 | .34353 | .15757 | .06742 | .17772 | .82123 | .29335 | .17109 | .06006 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 24.580 | .96199 | 2.4055 | 1.2382 | 4.9248 | 2.4759 | 23.905 | 2.4447 | 1.2125 |
| #2 | 24.613 | .96668 | 2.4001 | 1.2394 | 4.9372 | 2.5049 | 24.005 | 2.4388 | 1.2135 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 24.583 | 2.4909 | 2.4602 | 25.031 | 5.0236 | 5.0563 | 4.9828 | 4.9153 | 4.8485 |
| Stddev | .065   | .0143  | .0132  | .027   | .0056  | .0487  | .0022  | .0104  | .0022  |
| %RSD   | .26578 | .57461 | .53683 | .10817 | .11067 | .96275 | .04509 | .21227 | .04454 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 24.629 | 2.4808 | 2.4509 | 25.012 | 5.0197 | 5.0218 | 4.9844 | 4.9227 | 4.8500 |
| #2 | 24.536 | 2.5011 | 2.4695 | 25.050 | 5.0276 | 5.0907 | 4.9812 | 4.9079 | 4.8469 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.9203 | 5.0230 | 5.147  | 4.9809 |
| Stddev | .0018  | .0043  | .022   | .0354  |
| %RSD   | .03724 | .08622 | .4197  | .71102 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 4.9190 | 5.0260 | 5.163 | 5.0060 |
| #2 | 4.9216 | 5.0199 | 5.132 | 4.9559 |

Sample Name: CCV05      Acquired: 7/10/2017 15:42:55      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV05      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2150.1  | 10264.  | 4582.6  | 79.890 | 2236.1 |
| Stddev    | .3      | 121.    | 3.0     | .440   | 4.6    |
| %RSD      | .01555  | 1.1836  | .06608  | .55048 | .20363 |
| #1        | 2150.4  | 10350.  | 4584.7  | 80.201 | 2232.9 |
| #2        | 2149.9  | 10178.  | 4580.4  | 79.579 | 2239.4 |

Sample Name: CCB05      Acquired: 7/10/2017 15:46:59      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB05      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00068 | .00260 | .00183 | .00280 | .00016 | .01084 | .00094 | .00023 |
| Stddev | .00046 | .00053 | .00123 | .00118 | .00012 | .00026 | .00022 | .00003 |
| %RSD   | 68.135 | 20.211 | 67.234 | 42.118 | 77.361 | 2.3661 | 23.401 | 12.420 |

|    |         |         |         |         |         |        |         |        |
|----|---------|---------|---------|---------|---------|--------|---------|--------|
| #1 | -.00101 | -.00223 | -.00096 | -.00364 | -.00024 | .01066 | -.00110 | .00025 |
| #2 | -.00035 | -.00298 | -.00269 | -.00197 | -.00007 | .01102 | -.00079 | .00021 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00001 | .00153 | .00207 | .00013 | .00044 | .00342 | .00028 | .02990 |
| Stddev | .00002 | .01185 | .00250 | .00026 | .00050 | .00387 | .00044 | .00475 |
| %RSD   | 292.52 | 772.70 | 120.41 | 195.05 | 113.38 | 113.40 | 158.54 | 15.875 |

|    |         |         |         |         |        |         |         |        |
|----|---------|---------|---------|---------|--------|---------|---------|--------|
| #1 | .00002  | -.00991 | -.00031 | -.00005 | .00009 | -.00068 | .00058  | .02654 |
| #2 | -.00001 | .00685  | -.00384 | .00031  | .00080 | -.00615 | -.00003 | .03326 |

|        |        |         |        |        |        |        |        |        |
|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280  | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00045 | F.00342 | .00277 | .00048 | .00011 | .02056 | .00308 | .00288 |
| Stddev | .00030 | .00243  | .00356 | .00445 | .00004 | .00097 | .00018 | .00132 |
| %RSD   | 66.988 | 71.029  | 128.41 | 924.93 | 40.344 | 4.7399 | 5.8604 | 45.847 |

|    |        |        |        |         |         |        |        |        |
|----|--------|--------|--------|---------|---------|--------|--------|--------|
| #1 | .00024 | .00514 | .00529 | .00267  | -.00008 | .01987 | .00321 | .00381 |
| #2 | .00067 | .00170 | .00026 | -.00363 | -.00014 | .02125 | .00295 | .00194 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .00054 | .00178 | .00006 | .00316 | .00059 | .00002 | .00002 |  |
| Stddev | .00088 | .00570 | .00012 | .00081 | .00075 | .0004  | .00005 |  |
| %RSD   | 163.63 | 320.03 | 196.30 | 25.673 | 128.59 | 221.0  | 203.82 |  |

|    |         |         |         |        |        |        |         |  |
|----|---------|---------|---------|--------|--------|--------|---------|--|
| #1 | .00116  | -.00581 | -.00002 | .00258 | .00005 | .0001  | -.00005 |  |
| #2 | -.00008 | .00225  | .00015  | .00373 | .00112 | -.0005 | .00001  |  |



Sample Name: CCB05      Acquired: 7/10/2017 15:46:59      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB05      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2249.8  | 10166.  | 4682.5  | 34.360 | 2383.4 |
| Stddev    | 12.0    | 54.     | 16.9    | .757   | 15.8   |
| %RSD      | .53147  | .52898  | .36092  | .89725 | .66312 |
| #1        | 2241.4  | 10128.  | 4670.6  | 83.825 | 2372.2 |
| #2        | 2258.3  | 10204.  | 4694.5  | 84.895 | 2394.6 |

Sample Name: PB100511BS      Acquired: 7/10/2017 15:51:11      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: PB100511BS      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .82669 | 1.9623 | .98067 | 2.0040 | .84095 | 2.1911 | .21828 | .21190 |
| Stddev | .00289 | .0040  | .00330 | .0004  | .00237 | .0134  | .00267 | .00105 |
| %RSD   | .34981 | .20352 | .33663 | .02161 | .28146 | .60981 | 1.2252 | .49550 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .82873 | 1.9651 | .97833 | 2.0043 | .84263 | 2.2005 | .21639 | .21116 |
| #2 | .82465 | 1.9595 | .98300 | 2.0037 | .83928 | 2.1816 | .22017 | .21265 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .20651 | 1.1596 | .42314 | .20680 | .32962 | 3.1593 | .21785 | 2.1009 |
| Stddev | .00022 | .0184  | .00601 | .00073 | .00001 | .0317  | .00032 | .0314  |
| %RSD   | .10885 | 1.5827 | 1.4213 | .35138 | .00294 | 1.0020 | .14765 | 1.4943 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .20635 | 1.1466 | .41889 | .20732 | .32963 | 3.1369 | .21763 | 2.0787 |
| #2 | .20667 | 1.1725 | .42739 | .20629 | .32962 | 3.1817 | .21808 | 2.1231 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .52439 | .07543 | 3.3199 | .32029 | .20745 | 10.848 | .43526 | .33427 |
| Stddev | .00057 | .00498 | .0496  | .00498 | .00210 | .101   | .00120 | .00582 |
| %RSD   | .10818 | 6.6025 | 1.4928 | 1.5553 | 1.0114 | .92938 | .27603 | 1.7403 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .52479 | .07191 | 3.2848 | .32381 | .20597 | 10.777 | .43611 | .33015 |
| #2 | .52399 | .07896 | 3.3549 | .31676 | .20893 | 10.920 | .43441 | .33838 |

|        |          |        |        |        |        |        |        |  |
|--------|----------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820   | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm      | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | F .00604 | .97028 | .72796 | .22157 | .22566 | 3.102  | .20715 |  |
| Stddev | .00171   | .00363 | .00157 | .00036 | .00386 | .013   | .00239 |  |
| %RSD   | 28.353   | .37364 | .21516 | .16246 | 1.7086 | .2164  | 1.1520 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | .00725 | .96772 | .72685 | .22132 | .22294 | 6.092 | .20546 |  |
| #2 | .00483 | .97284 | .72906 | .22183 | .22839 | 6.111 | .20884 |  |

Sample Name: PB100511BS      Acquired: 7/10/2017 15:51:11      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: PB100511BS      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2213.6  | 10144.  | 4539.4  | 34.804 | 2374.2 |
| Stddev    | 4.8     | 23.     | 47.0    | .686   | 2.1    |
| %RSD      | .21740  | .22664  | 1.0365  | .80948 | .09007 |
| #1        | 2210.2  | 10161.  | 4572.6  | 85.289 | 2372.6 |
| #2        | 2217.0  | 10128.  | 4506.1  | 84.318 | 2375.7 |

Sample Name: I4101-01      Acquired: 7/10/2017 15:55:10      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: EP-17      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .05318 | .00137 | .25225 | .07504 | .00348 | 122.06 | .68895 | .00500 | .00297 |
| Stddev | .00054 | .00071 | .00071 | .00044 | .00098 | 1.45   | .00431 | .00054 | .00059 |
| %RSD   | 1.0133 | 52.134 | .27973 | .58118 | 28.311 | 1.1886 | .62541 | 10.881 | 19.885 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .05280 | .00187 | .25275 | .07534 | .00278 | 121.03 | .69200 | .00462 | .00339 |
| #2 | .05356 | .00086 | .25175 | .07473 | .00417 | 123.08 | .68591 | .00539 | .00255 |

|        |        |        |        |        |         |        |        |        |        |
|--------|--------|--------|--------|--------|---------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404  | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    |
| Avg    | 100.10 | .29071 | .11829 | .24115 | .273.45 | 4.2624 | 54.708 | .28763 | .02489 |
| Stddev | .06    | .00027 | .00183 | .00457 | 1.26    | .0413  | .360   | .00542 | .00272 |
| %RSD   | .06278 | .09243 | 1.5441 | 1.8955 | .46238  | .96850 | .65734 | 1.8855 | 10.918 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 100.06 | .29090 | .11958 | .24439 | 272.56 | 4.2332 | 54.454 | .29147 | .02681 |
| #2 | 100.15 | .29052 | .11700 | .23792 | 274.34 | 4.2916 | 54.962 | .28380 | .02297 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.1155 | .28435 | .71055 | 16.922 | .00619 | .28883 | 36.455 | 3.0947 | .02018 |
| Stddev | .0202  | .00019 | .00057 | .075   | .00019 | .00232 | .533   | .0302  | .00074 |
| %RSD   | .49161 | .06709 | .08039 | .44107 | 3.1404 | .80229 | 1.4624 | .49595 | 3.6721 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 4.1298 | .28421 | .71014 | 16.975 | .00605 | .28719 | 36.832 | 6.1160 | .01965 |
| #2 | 4.1012 | .28448 | .71095 | 16.869 | .00632 | .29046 | 36.078 | 6.0733 | .02070 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.9616 | .20769 | 7.254  | 25295  |
| Stddev | .0036  | .00006 | .084   | .00071 |
| %RSD   | .18467 | .03082 | 1.158  | .27985 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 1.9642 | .20774 | 7.313 | .25345 |
| #2 | 1.9591 | .20765 | 7.195 | .25245 |

Sample Name: I4101-01      Acquired: 7/10/2017 15:55:10      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: EP-17      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2493.4  | 12190.  | 5551.5  | 32.491 | 2201.4 |
| Stddev    | 26.2    | 149.    | 11.0    | .217   | 29.2   |
| %RSD      | 1.0525  | 1.2194  | .19878  | .26335 | 1.3242 |
| #1        | 2474.8  | 12295.  | 5543.7  | 82.644 | 2180.8 |
| #2        | 2511.9  | 12085.  | 5559.3  | 82.337 | 2222.0 |

Sample Name: I4101-01DUP      Acquired: 7/10/2017 15:59:12      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: EP-17DUP      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .05190 | .00150 | .25413 | .07836 | .00305 | 120.87 | .67714 | .00483 | .00238 |
| Stddev | .00030 | .00265 | .00027 | .00213 | .00034 | .08    | .00650 | .00012 | .00018 |
| %RSD   | .58357 | 177.03 | .10474 | 2.7137 | 11.136 | .06346 | .96063 | 2.5814 | 7.6216 |

|    |        |         |        |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .05168 | -.00038 | .25432 | .07686 | .00281 | 120.81 | .67254 | .00492 | .00251 |
| #2 | .05211 | .00337  | .25395 | .07986 | .00329 | 120.92 | .68174 | .00475 | .00225 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 38.067 | .28545 | .11759 | .23820 | 277.58 | 4.2162 | 53.477 | .28503 | .02466 |
| Stddev | .879   | .00149 | .00096 | .00151 | .41    | .0086  | .603   | .00030 | .00200 |
| %RSD   | .89599 | .52287 | .81508 | .63395 | .14676 | .20431 | 1.1282 | .10411 | 8.1217 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 97.446 | .28651 | .11826 | .23926 | 277.86 | 4.2101 | 53.050 | .28524 | .02607 |
| #2 | 98.688 | .28440 | .11691 | .23713 | 277.29 | 4.2223 | 53.903 | .28482 | .02324 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.0575 | .28347 | .70603 | 16.612 | .00559 | .28993 | 36.368 | 5.9520 | .02118 |
| Stddev | .0355  | .00091 | .00115 | .191   | .00051 | .00152 | .187   | .1093  | .00019 |
| %RSD   | .87521 | .31975 | .16222 | 1.1468 | 9.0605 | .52546 | .51357 | 1.8360 | .90920 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 4.0324 | .28283 | .70684 | 16.478 | .00595 | .28885 | 36.500 | 5.8747 | .02132 |
| #2 | 4.0826 | .28412 | .70522 | 16.747 | .00523 | .29101 | 36.236 | 6.0292 | .02105 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.9353 | .20552 | 7.246  | 24923  |
| Stddev | .0293  | .00133 | .047   | .00278 |
| %RSD   | 1.5134 | .64512 | .6434  | 1.1142 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 1.9146 | .20458 | 7.279 | .24727 |
| #2 | 1.9560 | .20645 | 7.213 | .25120 |

Sample Name: I4101-01DUP      Acquired: 7/10/2017 15:59:12      Type: Unk  
 Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: EP-17DUP      Custom ID2:      Custom ID3:  
 Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2475.7  | 12173.  | 5601.9  | 30.788 | 2183.8 |
| Stddev    | 12.9    | 36.     | 60.5    | .079   | 13.3   |
| %RSD      | .52096  | .29465  | 1.0798  | .09780 | .61130 |
| #1        | 2466.6  | 12198.  | 5644.7  | 80.732 | 2174.3 |
| #2        | 2484.8  | 12147.  | 5559.2  | 80.844 | 2193.2 |

Sample Name: I4101-01LX5      Acquired: 7/10/2017 16:03:14      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: EP-17      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01311 | .00298 | .04939 | .01249 | .00117 | 27.212 | .15433 | .00109 |
| Stddev | .00198 | .00224 | .00107 | .00111 | .00128 | .038   | .00076 | .00028 |
| %RSD   | 15.077 | 75.427 | 2.1667 | 8.9127 | 109.46 | .13892 | .49126 | 25.218 |

|    |        |        |        |        |         |        |        |        |
|----|--------|--------|--------|--------|---------|--------|--------|--------|
| #1 | .01171 | .00139 | .05015 | .01171 | -.00026 | 27.239 | .15487 | .00090 |
| #2 | .01450 | .00456 | .04863 | .01328 | -.00208 | 27.186 | .15379 | .00129 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00015 | 22.933 | .06607 | .02352 | .06043 | 55.273 | .96325 | 12.418 |
| Stddev | .00011 | .060   | .00109 | .00032 | .00088 | 2.373  | .00271 | .017   |
| %RSD   | 72.331 | .26367 | 1.6546 | 1.3402 | 1.4638 | 4.2935 | .28146 | .13729 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | -.00023 | 22.976 | .06684 | .02329 | .05981 | 56.951 | .96517 | 12.430 |
| #2 | -.00007 | 22.890 | .06529 | .02374 | .06106 | 53.595 | .96133 | 12.406 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .05621 | .00220 | .94276 | .06397 | .14510 | 3.7405 | .00132 | .05107 |
| Stddev | .00068 | .00068 | .00726 | .00132 | .00684 | .0242  | .00008 | .00322 |
| %RSD   | 1.2090 | 31.103 | .76980 | 2.0666 | 4.7137 | .64577 | 5.6842 | 6.3133 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .05669 | .00269 | .93763 | .06303 | .14993 | 3.7576 | .00127 | .05334 |
| #2 | .05573 | .00172 | .94789 | .06490 | .14026 | 3.7234 | .00138 | .04879 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 7.1842 | 1.3274 | .00518 | .44265 | .04661 | 1.431  | .05719 |
| Stddev | .0056  | .0233  | .00020 | .00011 | .00025 | .006   | .00016 |
| %RSD   | .07808 | 1.7532 | 3.9195 | .02393 | .54061 | .4355  | .27800 |

|    |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|-------|--------|
| #1 | 7.1881 | 1.3439 | .00533 | .44257 | .04679 | 1.427 | .05730 |
| #2 | 7.1802 | 1.3110 | .00504 | .44272 | .04644 | 1.436 | .05708 |



Sample Name: I4101-01LX5      Acquired: 7/10/2017 16:03:14      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: EP-17      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2290.3  | 10786.  | 4912.8  | 34.070 | 2357.6 |
| Stddev    | .3      | 64.     | 27.6    | 3.935  | .6     |
| %RSD      | .01177  | .59134  | .56079  | 4.6801 | .02419 |
| #1        | 2290.5  | 10741.  | 4893.3  | 81.288 | 2358.0 |
| #2        | 2290.1  | 10831.  | 4932.2  | 86.853 | 2357.2 |

Sample Name: I4101-01MS      Acquired: 7/10/2017 16:07:20      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: EP-17MS      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .70931 | 1.8770 | 1.1469 | 1.6555 | .15532 | 123.62 | .81397 | .17386 | .18863 |
| Stddev | .00281 | .0124  | .0014  | .0063  | .00141 | .41    | .00374 | .00163 | .00214 |
| %RSD   | .39595 | .66011 | .11826 | .38335 | .90677 | .32846 | .45919 | .93784 | 1.1356 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .71130 | 1.8683 | 1.1459 | 1.6599 | .15632 | 123.33 | .81662 | .17271 | .18712 |
| #2 | .70733 | 1.8858 | 1.1478 | 1.6510 | .15432 | 123.90 | .81133 | .17501 | .19015 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 37.977 | .60577 | .30640 | .46758 | 269.17 | 4.0949 | 54.438 | .75323 | .08096 |
| Stddev | .363   | .00536 | .00129 | .00665 | 12.42  | .0296  | .256   | .00394 | .00512 |
| %RSD   | .41295 | .88432 | .42025 | 1.4220 | 4.6151 | .72368 | .47074 | .52315 | 6.3217 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 88.234 | .60198 | .30549 | .46287 | 277.96 | 4.0740 | 54.619 | .75045 | .07734 |
| #2 | 87.720 | .60956 | .30731 | .47228 | 260.39 | 4.1159 | 54.256 | .75602 | .08458 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 3.6899 | .51485 | .85558 | 24.529 | .31934 | .49947 | 41.435 | 3.1986 | .64483 |
| Stddev | .0369  | .00974 | .03286 | .041   | .00070 | .01985 | .203   | .0235  | .00065 |
| %RSD   | .55092 | 1.8923 | 3.8408 | .16674 | .21764 | 3.9747 | .48878 | .37934 | .10004 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 6.7159 | .50796 | .87882 | 24.557 | .31885 | .51351 | 41.291 | 6.2152 | .64437 |
| #2 | 6.6638 | .52174 | .83234 | 24.500 | .31983 | .48543 | 41.578 | 6.1820 | .64529 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.2589 | .38896 | 12.64  | 41086  |
| Stddev | .0113  | .00046 | .05    | .00305 |
| %RSD   | .50190 | .11713 | .4108  | .74255 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 2.2669 | .38928 | 12.61 | .41302 |
| #2 | 2.2508 | .38864 | 12.68 | .40870 |

Sample Name: I4101-01MS      Acquired: 7/10/2017 16:07:20      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: EP-17MS      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2465.5  | 12089.  | 5475.6  | 30.139 | 2184.3 |
| Stddev    | 1.2     | 63.     | 4.8     | 3.311  | 3.7    |
| %RSD      | .05044  | .52344  | .08794  | 4.1313 | .16873 |
| #1        | 2464.7  | 12133.  | 5472.2  | 77.798 | 2186.9 |
| #2        | 2466.4  | 12044.  | 5479.0  | 82.480 | 2181.7 |

Sample Name: I4101-01MSD      Acquired: 7/10/2017 16:11:16      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: EP-17MSD      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .69384 | 1.8306 | 1.1119 | 1.6153 | .15235 | 121.70 | .78864 | .17427 | .18382 |
| Stddev | .01446 | .0561  | .0284  | .0286  | .00278 | .39    | .02648 | .00212 | .00792 |
| %RSD   | 2.0838 | 3.0617 | 2.5498 | 1.7719 | 1.8229 | .31692 | 3.3581 | 1.2169 | 4.3064 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .68362 | 1.7909 | 1.0919 | 1.5951 | .15039 | 121.97 | .80737 | .17277 | .17823 |
| #2 | .70406 | 1.8702 | 1.1320 | 1.6356 | .15432 | 121.43 | .76991 | .17577 | .18942 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 35.285 | .60543 | .29752 | .45956 | 259.76 | 4.0802 | 52.748 | .73399 | .08260 |
| Stddev | 3.029  | .00028 | .00998 | .01735 | 12.01  | .0167  | 1.768  | .02219 | .00004 |
| %RSD   | 3.5517 | .04642 | 3.3528 | 3.7756 | 4.6250 | .41025 | 3.3511 | 3.0225 | .04808 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 87.427 | .60523 | .29047 | .44729 | 268.25 | 4.0684 | 53.998 | .71830 | .08263 |
| #2 | 83.143 | .60563 | .30458 | .47183 | 251.26 | 4.0921 | 51.498 | .74968 | .08257 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 3.4845 | .51575 | .82885 | 23.793 | .31166 | .49062 | 40.227 | 3.0560 | .62743 |
| Stddev | .2133  | .00701 | .02655 | .760   | .00775 | .02636 | 1.228  | .1399  | .01914 |
| %RSD   | 3.2897 | 1.3599 | 3.2033 | 3.1950 | 2.4856 | 5.3735 | 3.0533 | 2.3095 | 3.0500 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 6.6353 | .51079 | .84762 | 24.331 | .30619 | .50926 | 39.358 | 6.1549 | .61390 |
| #2 | 6.3336 | .52071 | .81007 | 23.256 | .31714 | .47198 | 41.095 | 5.9571 | .64096 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.1877 | .37619 | 12.27  | 40001  |
| Stddev | .0897  | .01248 | .37    | .01474 |
| %RSD   | 4.0991 | 3.3179 | 3.000  | 3.6853 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 2.2511 | .38501 | 12.01 | .41043 |
| #2 | 2.1243 | .36736 | 12.53 | .38958 |

Sample Name: I4101-01MSD      Acquired: 7/10/2017 16:11:16      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: EP-17MSD      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2513.4  | 12196.  | 5619.7  | 32.353 | 2238.5 |
| Stddev    | 43.3    | 61.     | 150.9   | 2.988  | 57.9   |
| %RSD      | 1.7212  | .50073  | 2.6848  | 3.6284 | 2.5862 |
| #1        | 2544.0  | 12239.  | 5513.1  | 80.240 | 2279.4 |
| #2        | 2482.8  | 12152.  | 5726.4  | 84.466 | 2197.5 |

Sample Name: I4101-01A      Acquired: 7/10/2017 16:15:14      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: EP-17      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .78849 | 2.0852 | 1.2643 | 1.8501 | .75844 | 120.51 | .85748 | .19205 | .20825 |
| Stddev | .00238 | .0123  | .0140  | .0121  | .00535 | .46    | .00775 | .00007 | .00162 |
| %RSD   | .30154 | .58915 | 1.1046 | .65675 | .70479 | .38406 | .90377 | .03650 | .77567 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .79017 | 2.0939 | 1.2742 | 1.8587 | .76222 | 120.84 | .86296 | .19210 | .20939 |
| #2 | .78681 | 2.0765 | 1.2544 | 1.8415 | .75466 | 120.18 | .85200 | .19200 | .20710 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 38.478 | .63735 | .32633 | .50841 | 268.83 | 4.3635 | 55.295 | .80978 | .09336 |
| Stddev | 1.078  | .00341 | .00174 | .00100 | 2.98   | .0025  | .521   | .00538 | .00211 |
| %RSD   | 1.0943 | .53470 | .53286 | .19699 | 1.1085 | .05756 | .94228 | .66487 | 2.2559 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 99.241 | .63976 | .32756 | .50912 | 270.93 | 4.3617 | 55.663 | .81359 | .09485 |
| #2 | 97.716 | .63494 | .32510 | .50770 | 266.72 | 4.3653 | 54.926 | .80597 | .09187 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 3.7894 | .55556 | .88046 | 25.861 | .38702 | .55398 | 35.584 | 7.5820 | .77238 |
| Stddev | .0948  | .00078 | .01243 | .302   | .00284 | .00009 | .212   | .1323  | .00480 |
| %RSD   | 1.3961 | .13991 | 1.4115 | 1.1669 | .73401 | .01654 | .59480 | 1.7449 | .62168 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 6.8564 | .55501 | .88924 | 26.075 | .38903 | .55405 | 35.733 | 7.6755 | .77577 |
| #2 | 6.7223 | .55611 | .87167 | 25.648 | .38501 | .55392 | 35.434 | 7.4884 | .76898 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.1100 | .39910 | 13.41  | .42229 |
| Stddev | .0316  | .00578 | .06    | .00624 |
| %RSD   | 1.4972 | 1.4474 | .4679  | 1.4777 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 2.1323 | .40319 | 13.45 | .42671 |
| #2 | 2.0876 | .39502 | 13.37 | .41788 |

Sample Name: I4101-01A      Acquired: 7/10/2017 16:15:14      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: EP-17      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2481.9  | 12173.  | 5526.3  | 32.862 | 2200.1 |
| Stddev    | 7.5     | 41.     | 74.5    | 1.006  | 11.6   |
| %RSD      | .30281  | .33804  | 1.3483  | 1.2138 | .52870 |
| #1        | 2476.6  | 12144.  | 5473.7  | 82.151 | 2191.9 |
| #2        | 2487.2  | 12203.  | 5579.0  | 83.573 | 2208.4 |

Sample Name: I4101-02      Acquired: 7/10/2017 16:19:09      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: EP-16      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .05113 | .00751 | .20755 | .08791 | .00452 | 121.91 | .61501 | .00406 | .00246 |
| Stddev | .00141 | .00179 | .00116 | .00014 | .00075 | 3.86   | .00242 | .00045 | .00052 |
| %RSD   | 2.7649 | 23.897 | .56106 | .16390 | 16.585 | 3.1648 | .39381 | 11.026 | 21.065 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .05213 | .00878 | .20837 | .08780 | .00505 | 124.64 | .61673 | .00438 | .00282 |
| #2 | .05013 | .00624 | .20672 | .08801 | .00399 | 119.18 | .61330 | .00374 | .00209 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 35.006 | .25270 | .13136 | .21303 | 297.18 | 4.4070 | 56.031 | .31449 | .02477 |
| Stddev | .260   | .01349 | .00007 | .00258 | 4.93   | .1645  | .105   | .00025 | .00110 |
| %RSD   | .40069 | 5.3377 | .05421 | 1.2105 | 1.6588 | 3.7326 | .18769 | .07815 | 4.4487 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 65.190 | .26224 | .13141 | .21485 | 293.69 | 4.5234 | 56.105 | .31466 | .02554 |
| #2 | 64.822 | .24316 | .13131 | .21120 | 300.66 | 4.2907 | 55.957 | .31431 | .02399 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.6235 | .22406 | .77797 | 20.447 | .01452 | .28712 | 13.436 | 4.9695 | .01758 |
| Stddev | .0030  | .00779 | .00940 | .086   | .00063 | .01243 | .003   | .0775  | .00285 |
| %RSD   | .11498 | 3.4788 | 1.2085 | .42191 | 4.3488 | 4.3274 | .02118 | 1.5598 | 16.185 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.6256 | .22957 | .77132 | 20.508 | .01497 | .27834 | 13.434 | 4.9147 | .01557 |
| #2 | 2.6214 | .21855 | .78461 | 20.386 | .01408 | .29591 | 13.438 | 5.0243 | .01959 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.4542 | .23299 | 7.795  | 19125  |
| Stddev | .0076  | .00025 | .001   | .00014 |
| %RSD   | .52252 | .10702 | .0126  | .07162 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 1.4595 | .23317 | 7.795 | .19134 |
| #2 | 1.4488 | .23281 | 7.794 | .19115 |



Sample Name: I4101-02      Acquired: 7/10/2017 16:19:09      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: EP-16      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2501.1  | 12353.  | 5546.2  | 31.411 | 2189.9 |
| Stddev    | 3.7     | 414.    | 29.5    | .882   | 4.0    |
| %RSD      | .14980  | 3.3533  | .53103  | 1.0839 | .18064 |
| #1        | 2498.5  | 12060.  | 5525.3  | 82.035 | 2187.1 |
| #2        | 2503.8  | 12646.  | 5567.0  | 80.787 | 2192.7 |

Sample Name: I4101-03      Acquired: 7/10/2017 16:23:09      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: EP-11      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .03182 | .00015 | .14477 | .05971 | .00269 | 30.319 | .74166 | .00464 | .00004 |
| Stddev | .00165 | .00093 | .00334 | .00321 | .00196 | .191   | .00090 | .00027 | .00011 |
| %RSD   | 5.1815 | 602.84 | 2.3080 | 5.3824 | 72.934 | .23808 | .12172 | 5.7242 | 293.98 |

|    |        |         |        |        |        |        |        |        |         |
|----|--------|---------|--------|--------|--------|--------|--------|--------|---------|
| #1 | .03299 | -.00050 | .14713 | .06198 | .00407 | 80.454 | .74102 | .00445 | -.00004 |
| #2 | .03066 | .00081  | .14240 | .05743 | .00130 | 80.184 | .74229 | .00482 | .00011  |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 21.849 | .24059 | .09181 | .20546 | 191.02 | 2.8258 | 31.171 | .21547 | .01766 |
| Stddev | .084   | .00058 | .00061 | .00267 | 3.97   | .0014  | .104   | .00053 | .00311 |
| %RSD   | .38270 | .24165 | .66611 | 1.2993 | 2.0775 | .05075 | .33384 | .24736 | 17.590 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 21.908 | .24018 | .09225 | .20357 | 193.83 | 2.8268 | 31.245 | .21585 | .01986 |
| #2 | 21.790 | .24100 | .09138 | .20735 | 188.22 | 2.8248 | 31.098 | .21509 | .01546 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.7010 | .23932 | .37867 | 11.492 | .00023 | .19617 | 3.1129 | 4.3303 | .01316 |
| Stddev | .0030  | .00493 | .00638 | .034   | .00045 | .00717 | .0147  | .0149  | .00129 |
| %RSD   | .17882 | 2.0596 | 1.6842 | .29521 | 197.67 | 3.6554 | .47120 | .34380 | 9.7655 |

|    |        |        |        |        |         |        |        |        |        |
|----|--------|--------|--------|--------|---------|--------|--------|--------|--------|
| #1 | 1.7032 | .24281 | .38318 | 11.468 | .00054  | .20124 | 3.1233 | 4.3408 | .01407 |
| #2 | 1.6989 | .23584 | .37416 | 11.516 | -.00009 | .19110 | 3.1025 | 4.3198 | .01225 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.8975 | .10170 | 7.612  | .08852 |
| Stddev | .0089  | .00084 | .042   | .00014 |
| %RSD   | .47077 | .83042 | .5469  | .15752 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 1.9038 | .10111 | 7.642 | .08862 |
| #2 | 1.8912 | .10230 | 7.583 | .08842 |

Sample Name: I4101-03      Acquired: 7/10/2017 16:23:09      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: EP-11      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2621.4  | 12551.  | 5677.4  | 30.960 | 2276.8 |
| Stddev    | 10.8    | 28.     | 11.5    | 1.644  | 16.8   |
| %RSD      | .41351  | .22552  | .20231  | 2.0306 | .73957 |
| #1        | 2613.7  | 12531.  | 5669.3  | 79.798 | 2264.9 |
| #2        | 2629.0  | 12571.  | 5685.5  | 82.122 | 2288.7 |

Sample Name: I4101-04      Acquired: 7/10/2017 16:27:10      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: EP-10      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .05177 | .00597 | .33639 | .15915 | .00732 | 178.55 | .90707 | .00912 |
| Stddev | .00013 | .00025 | .00187 | .00029 | .00064 | 1.80   | .00524 | .00001 |
| %RSD   | .25749 | 4.1987 | .55575 | .17965 | 8.7706 | 1.0064 | .57800 | .08550 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .05187 | .00579 | .33507 | .15895 | .00778 | 179.82 | .91078 | .00912 |
| #2 | .05168 | .00615 | .33772 | .15935 | .00687 | 177.28 | .90336 | .00913 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00709 | 31.176 | .39623 | .21474 | .27243 | 487.66 | 7.1826 | 34.586 |
| Stddev | .00006 | .262   | .00178 | .00017 | .00063 | 1.80   | .0391  | .401   |
| %RSD   | .90300 | .83996 | .45048 | .07742 | .23091 | .36984 | .54362 | .62041 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00705 | 31.362 | .39749 | .21486 | .27198 | 486.38 | 7.2102 | 64.869 |
| #2 | .00714 | 30.991 | .39497 | .21462 | .27287 | 488.93 | 7.1550 | 64.302 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .42398 | .04113 | 5.5440 | .40887 | .93070 | 29.869 | .00156 | .50684 |
| Stddev | .00159 | .00081 | .0377  | .00478 | .00854 | .215   | .00022 | .00118 |
| %RSD   | .37431 | 1.9627 | .68019 | 1.1699 | .91802 | .72078 | 14.447 | .23262 |

|    |        |        |        |        |        |        |         |        |
|----|--------|--------|--------|--------|--------|--------|---------|--------|
| #1 | .42286 | .04171 | 5.5707 | .41225 | .92465 | 30.021 | -.00172 | .50768 |
| #2 | .42510 | .04056 | 5.5174 | .40549 | .93674 | 29.717 | -.00140 | .50601 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | 7.4786 | 3.2185 | .02160 | 3.2529 | .24031 | 3.646  | .13952 |  |
| Stddev | .0128  | .1120  | .00016 | .0250  | .00235 | .012   | .00118 |  |
| %RSD   | .17116 | 1.8012 | .73116 | .76786 | .97690 | .1327  | .84231 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | 7.4695 | 6.2977 | .02171 | 3.2706 | .24197 | 8.638 | .14035 |  |
| #2 | 7.4876 | 6.1393 | .02148 | 3.2353 | .23865 | 8.654 | .13869 |  |

Sample Name: I4101-04      Acquired: 7/10/2017 16:27:10      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: EP-10      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2830.6  | 13895.  | 3312.0  | 31.033 | 2101.7 |
| Stddev    | .2      | 91.     | 36.1    | .567   | .7     |
| %RSD      | .00768  | .65821  | .57212  | .70013 | .03161 |
| #1        | 2830.4  | 13831.  | 6286.5  | 81.434 | 2101.3 |
| #2        | 2830.7  | 13960.  | 6337.5  | 80.632 | 2102.2 |

Sample Name: CCV06      Acquired: 7/10/2017 16:31:09      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV06      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.8856 | 4.7814 | 4.6554 | 5.0698 | 4.9657 | 10.042 | 9.6936 | 24352  | 2.3959 |
| Stddev | .0410  | .0135  | .0236  | .0474  | .0368  | .050   | .0137  | .00015 | .0121  |
| %RSD   | .83920 | .28258 | .50711 | .93405 | .74154 | .49416 | .14084 | .06338 | .50323 |

|    |        |        |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|--------|--------|-------|--------|
| #1 | 4.9146 | 4.7909 | 4.6721 | 5.1033 | 4.9918 | 10.077 | 9.7033 | 24363 | 2.4044 |
| #2 | 4.8566 | 4.7718 | 4.6387 | 5.0363 | 4.9397 | 10.007 | 9.6839 | 24342 | 2.3874 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 24.256 | 94960  | 2.3602 | 1.2229 | 4.9729 | 2.4673 | 23.556 | 2.4006 | 1.1967 |
| Stddev | .105   | .00567 | .0133  | .0104  | .0833  | .0078  | .000   | .0114  | .0043  |
| %RSD   | .43175 | .59685 | .56255 | .84814 | 1.6752 | .31744 | .00012 | .47476 | .36058 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 24.182 | .95360 | 2.3696 | 1.2303 | 5.0318 | 2.4729 | 23.556 | 2.4087 | 1.1997 |
| #2 | 24.330 | .94559 | 2.3508 | 1.2156 | 4.9140 | 2.4618 | 23.556 | 2.3925 | 1.1936 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 24.239 | 2.4686 | 2.4718 | 24.799 | 4.9411 | 5.0220 | 4.9702 | 4.9422 | 4.7468 |
| Stddev | .009   | .0072  | .0592  | .061   | .0341  | .0066  | .0160  | .0593  | .0162  |
| %RSD   | .03767 | .29011 | 2.3969 | .24534 | .69052 | .13052 | .32136 | 1.2001 | .34086 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 24.233 | 2.4736 | 2.5137 | 24.756 | 4.9652 | 5.0173 | 4.9815 | 4.9003 | 4.7583 |
| #2 | 24.246 | 2.4635 | 2.4299 | 24.842 | 4.9170 | 5.0266 | 4.9589 | 4.9841 | 4.7354 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.8514 | 4.9953 | 5.106  | 4.9450 |
| Stddev | .0048  | .0053  | .022   | .0161  |
| %RSD   | .09906 | .10620 | .4335  | .32640 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 4.8548 | 4.9915 | 5.122 | 4.9564 |
| #2 | 4.8480 | 4.9990 | 5.090 | 4.9336 |

Sample Name: CCV06      Acquired: 7/10/2017 16:31:09      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV06      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2152.9  | 10216.  | 4561.2  | 78.335 | 2240.2 |
| Stddev    | 13.9    | 66.     | 3.2     | 1.856  | 10.5   |
| %RSD      | .64784  | .64142  | .06985  | 2.3689 | .47014 |
| #1        | 2143.1  | 10170.  | 4558.9  | 77.022 | 2232.7 |
| #2        | 2162.8  | 10262.  | 4563.4  | 79.647 | 2247.6 |

Sample Name: CCB06      Acquired: 7/10/2017 16:35:13      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB06      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |         |        |         |         |         |        |
|--------|--------|--------|---------|--------|---------|---------|---------|--------|
| Elem   | As1890 | Tl1908 | Pb2203  | Se1960 | Sb2068  | Al3961  | Ba4934  | Be2348 |
| Units  | ppm    | ppm    | ppm     | ppm    | ppm     | ppm     | ppm     | ppm    |
| Avg    | .00102 | .00013 | -.00088 | .00126 | -.00055 | -.00120 | -.00059 | .00035 |
| Stddev | .00132 | .00030 | .00049  | .00370 | .00051  | .00910  | .00031  | .00020 |
| %RSD   | 129.91 | 239.89 | 55.881  | 294.21 | 93.315  | 756.28  | 52.419  | 56.289 |

|    |        |         |         |         |         |         |         |        |
|----|--------|---------|---------|---------|---------|---------|---------|--------|
| #1 | .00195 | .00034  | -.00053 | .00388  | -.00019 | .00523  | -.00080 | .00049 |
| #2 | .00008 | -.00009 | -.00122 | -.00136 | -.00091 | -.00764 | -.00037 | .00021 |

|        |         |         |          |        |        |        |         |        |
|--------|---------|---------|----------|--------|--------|--------|---------|--------|
| Elem   | Cd2265  | Ca3736  | Cr2677   | Co2286 | Cu2247 | Fe2404 | Mn2576  | Mg2790 |
| Units  | ppm     | ppm     | ppm      | ppm    | ppm    | ppm    | ppm     | ppm    |
| Avg    | -.00005 | -.00560 | F-.00280 | .00032 | .00044 | .00007 | -.00010 | .03609 |
| Stddev | .00010  | .00165  | .00228   | .00014 | .00030 | .01885 | .00005  | .00769 |
| %RSD   | 209.49  | 29.511  | 81.473   | 44.727 | 67.282 | 27125. | 45.252  | 21.296 |

|    |         |         |        |        |        |         |         |        |
|----|---------|---------|--------|--------|--------|---------|---------|--------|
| #1 | -.00011 | -.00676 | .00119 | .00022 | .00065 | -.01326 | -.00007 | .04153 |
| #2 | .00002  | -.00443 | .00441 | .00042 | .00023 | .01340  | -.00013 | .03066 |

|        |        |         |         |        |         |        |        |        |
|--------|--------|---------|---------|--------|---------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280  | Na5895  | V_2924 | Zn2138  | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm     | ppm     | ppm    | ppm     | ppm    | ppm    | ppm    |
| Avg    | .00031 | -.00050 | -.00365 | .00341 | -.00004 | .00139 | .00326 | .00432 |
| Stddev | .00027 | .00048  | .00718  | .00745 | .00004  | .02821 | .00020 | .00469 |
| %RSD   | 87.439 | 96.952  | 196.58  | 218.55 | 81.391  | 2023.4 | 6.0542 | 108.60 |

|    |        |         |         |         |         |         |        |        |
|----|--------|---------|---------|---------|---------|---------|--------|--------|
| #1 | .00012 | -.00084 | -.00872 | -.00186 | -.00007 | .02134  | .00340 | .00763 |
| #2 | .00051 | -.00016 | .00142  | .00868  | -.00002 | -.01855 | .00312 | .00100 |

|        |        |        |        |        |         |        |        |  |
|--------|--------|--------|--------|--------|---------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707  | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm     | ppm    | ppm    |  |
| Avg    | .00232 | .01352 | .00133 | .00385 | -.00059 | .0010  | .00007 |  |
| Stddev | .00231 | .01005 | .00005 | .00011 | .00231  | .0002  | .00002 |  |
| %RSD   | 99.646 | 74.361 | 3.4444 | 2.8447 | 388.73  | 15.92  | 22.700 |  |

|    |        |        |        |        |         |       |        |  |
|----|--------|--------|--------|--------|---------|-------|--------|--|
| #1 | .00069 | .02062 | .00130 | .00377 | .00104  | .0011 | .00006 |  |
| #2 | .00396 | .00641 | .00137 | .00392 | -.00222 | .0009 | .00008 |  |



Sample Name: CCB06      Acquired: 7/10/2017 16:35:13      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB06      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2245.7  | 10152.  | 4700.9  | 35.141 | 2378.9 |
| Stddev    | 8.2     | 78.     | 2.1     | 1.832  | 8.9    |
| %RSD      | .36566  | .77070  | .04425  | 2.1518 | .37259 |
| #1        | 2251.5  | 10097.  | 4699.4  | 83.845 | 2385.2 |
| #2        | 2239.9  | 10207.  | 4702.4  | 86.436 | 2372.7 |

Sample Name: I4105-06      Acquired: 7/10/2017 16:39:25      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CIY-SB-02030      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .15929 | .00492 | 7.2544 | .11364 | .11518 | 30.747 | 2.6279 | .00553 | .01486 |
| Stddev | .00217 | .00213 | .0302  | .00146 | .00002 | 2.553  | .0119  | .00031 | .00046 |
| %RSD   | 1.3592 | 43.275 | .41577 | 1.2823 | .01653 | 2.8131 | .45350 | 5.6736 | 3.1088 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .15775 | .00642 | 7.2331 | .11261 | .11516 | 92.552 | 2.6364 | .00575 | .01519 |
| #2 | .16082 | .00341 | 7.2758 | .11467 | .11519 | 88.942 | 2.6195 | .00531 | .01454 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 30.947 | .25457 | .11864 | 1.5391 | 364.49 | 3.5785 | 45.158 | .44391 | .03466 |
| Stddev | .207   | .00218 | .00000 | .0048  | 4.96   | .1792  | .323   | .00182 | .00233 |
| %RSD   | .22756 | .85594 | .00342 | .31124 | 1.3620 | 2.7234 | .71417 | .40944 | 6.7296 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 91.093 | .25611 | .11864 | 1.5425 | 360.98 | 6.7052 | 45.386 | .44262 | .03301 |
| #2 | 90.801 | .25303 | .11864 | 1.5358 | 368.00 | 6.4518 | 44.930 | .44519 | .03631 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.9928 | .34820 | 5.3022 | 11.842 | .01646 | .39968 | 5.1858 | 2.4077 | 1.2518 |
| Stddev | .0310  | .00363 | .0631  | .013   | .00007 | .00584 | .0009  | .0198  | .0052  |
| %RSD   | 1.0351 | 1.0430 | 1.1899 | .11342 | .44628 | 1.4607 | .01749 | .82034 | .41822 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 3.0147 | .35076 | 5.2576 | 11.851 | .01640 | .39555 | 5.1865 | 2.3938 | 1.2481 |
| #2 | 2.9709 | .34563 | 5.3468 | 11.833 | .01651 | .40381 | 5.1852 | 2.4217 | 1.2555 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.8035 | .14307 | 9.248  | 30319  |
| Stddev | .0090  | .00049 | .002   | .00158 |
| %RSD   | .32220 | .34065 | .0253  | .52221 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 2.8099 | .14273 | 9.246 | .30431 |
| #2 | 2.7971 | .14342 | 9.250 | .30207 |

Sample Name: I4105-06      Acquired: 7/10/2017 16:39:25      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CIY-SB-02030 Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2421.8  | 11875.  | 5351.7  | 30.658 | 2168.0 |
| Stddev    | 3.6     | 355.    | 25.1    | .790   | 2.1    |
| %RSD      | .14679  | 2.9895  | .46975  | .97997 | .09897 |
| #1        | 2419.3  | 11624.  | 5333.9  | 81.217 | 2166.5 |
| #2        | 2424.3  | 12126.  | 5369.5  | 80.099 | 2169.5 |

Sample Name: I4113-01      Acquired: 7/10/2017 16:43:23      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: SB-4(10.0-10      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |         |        |        |        |
|--------|--------|--------|--------|--------|--------|---------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961  | Ba4934 | Be2348 | Cd2265 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    |
| Avg    | .03033 | .00235 | .15466 | .08690 | .00257 | .36.624 | .58560 | .00387 | .00114 |
| Stddev | .00070 | .00268 | .00341 | .00435 | .00143 | .041    | .00490 | .00009 | .00009 |
| %RSD   | 2.3197 | 113.67 | 2.2060 | 5.0066 | 55.649 | .06090  | .83679 | 2.3364 | 8.1050 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .02983 | .00425 | .15707 | .08383 | .00358 | 66.653 | .58906 | .00393 | .00108 |
| #2 | .03083 | .00046 | .15225 | .08998 | .00156 | 66.595 | .58213 | .00380 | .00121 |

|        |         |        |        |        |         |         |         |        |        |
|--------|---------|--------|--------|--------|---------|---------|---------|--------|--------|
| Elem   | Ca3736  | Cr2677 | Co2286 | Cu2247 | Fe2404  | Mn2576  | Mg2790  | Ni2316 | Ag3280 |
| Units  | ppm     | ppm    | ppm    | ppm    | ppm     | ppm     | ppm     | ppm    | ppm    |
| Avg    | .25.578 | .20602 | .10639 | .20206 | .278.65 | .5.9356 | .34.694 | .19641 | .02249 |
| Stddev | .229    | .00354 | .00012 | .00189 | .55     | .0134   | .415    | .00026 | .00277 |
| %RSD   | .89426  | 1.7171 | .11066 | .93513 | .19887  | .22574  | 1.1958  | .13135 | 12.322 |

|    |         |        |        |        |         |         |         |        |        |
|----|---------|--------|--------|--------|---------|---------|---------|--------|--------|
| #1 | .25.740 | .20853 | .10647 | .20072 | .278.26 | .5.9451 | .34.987 | .19623 | .02445 |
| #2 | .25.417 | .20352 | .10631 | .20340 | .279.04 | .5.9261 | .34.400 | .19659 | .02053 |

|        |         |        |        |         |        |        |        |         |        |
|--------|---------|--------|--------|---------|--------|--------|--------|---------|--------|
| Elem   | Na5895  | V_2924 | Zn2138 | K_7664  | Mo2020 | B_2496 | S_1820 | Si2881  | Sn1899 |
| Units  | ppm     | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    | ppm     | ppm    |
| Avg    | .4.5219 | .30164 | .49198 | .14.016 | .00087 | .25756 | .17752 | .3.5594 | .01782 |
| Stddev | .0280   | .00119 | .00094 | .108    | .00012 | .00144 | .00346 | .0613   | .00001 |
| %RSD   | .61851  | .39499 | .19133 | .77299  | 13.913 | .56067 | 1.9514 | 1.7230  | .03472 |

|    |         |        |        |         |        |        |        |         |        |
|----|---------|--------|--------|---------|--------|--------|--------|---------|--------|
| #1 | .4.5417 | .30249 | .49264 | .14.093 | .00078 | .25858 | .17997 | .3.6027 | .01782 |
| #2 | .4.5022 | .30080 | .49131 | .13.940 | .00096 | .25653 | .17507 | .3.5160 | .01783 |

|        |         |        |        |        |
|--------|---------|--------|--------|--------|
| Elem   | Ti3361  | Li6707 | P_1774 | Sr4077 |
| Units  | ppm     | ppm    | ppm    | ppm    |
| Avg    | .3.3515 | .10355 | .5.598 | .13343 |
| Stddev | .0144   | .00070 | .003   | .00135 |
| %RSD   | .42919  | .67704 | .0422  | 1.0150 |

|    |         |        |        |        |
|----|---------|--------|--------|--------|
| #1 | .3.3617 | .10404 | .6.596 | .13439 |
| #2 | .3.3413 | .10305 | .6.600 | .13248 |

Sample Name: I4113-01      Acquired: 7/10/2017 16:43:23      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: SB-4(10.0-10      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2505.0  | 12029.  | 5407.8  | 30.908 | 2203.1 |
| Stddev    | 3.5     | 27.     | 66.7    | .074   | 3.0    |
| %RSD      | .14102  | .22086  | 1.2337  | .09198 | .13520 |
| #1        | 2507.5  | 12010.  | 5360.6  | 80.855 | 2205.2 |
| #2        | 2502.5  | 12048.  | 5455.0  | 80.960 | 2201.0 |

Sample Name: I4113-02      Acquired: 7/10/2017 16:47:25      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: SB-4      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .04217 | .00129 | .25086 | .14905 | .00596 | 36.135 | .69877 | .00538 | .00374 |
| Stddev | .00020 | .00058 | .00191 | .00306 | .00125 | .475   | .00264 | .00008 | .00032 |
| %RSD   | .46834 | 45.159 | .76221 | 2.0499 | 20.908 | .55181 | .37764 | 1.4692 | 8.5746 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .04231 | .00170 | .24951 | .14689 | .00508 | 85.799 | .70064 | .00532 | .00397 |
| #2 | .04204 | .00088 | .25222 | .15121 | .00684 | 86.472 | .69691 | .00544 | .00351 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 23.256 | .26320 | .16407 | .27948 | 444.00 | 4.5712 | 29.318 | .25374 | .03746 |
| Stddev | .112   | .00173 | .00048 | .00394 | 4.37   | .0362  | .228   | .00083 | .00029 |
| %RSD   | .48339 | .65698 | .29292 | 1.4086 | .98363 | .79127 | .77632 | .32676 | .78410 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 23.335 | .26198 | .16441 | .28226 | 440.91 | 4.5456 | 29.479 | .25432 | .03725 |
| #2 | 23.176 | .26442 | .16373 | .27670 | 447.09 | 4.5967 | 29.157 | .25315 | .03767 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 3.4502 | .48924 | .70790 | 20.854 | .00350 | .42239 | .27551 | 2.9245 | .02285 |
| Stddev | .0062  | .00492 | .00602 | .044   | .00001 | .00948 | .00065 | .0210  | .00142 |
| %RSD   | .09653 | 1.0056 | .85008 | .21145 | .15326 | 2.2436 | .23634 | .71792 | 6.2228 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 6.4546 | .48576 | .70365 | 20.885 | .00350 | .41569 | .27597 | 2.9393 | .02386 |
| #2 | 6.4458 | .49272 | .71216 | 20.823 | .00350 | .42909 | .27505 | 2.9096 | .02185 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.8208 | .11523 | 3.288  | 13268  |
| Stddev | .0161  | .00019 | .006   | .00057 |
| %RSD   | .33356 | .16376 | .0901  | .43216 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 4.8322 | .11510 | 6.284 | .13309 |
| #2 | 4.8094 | .11537 | 6.292 | .13228 |

Sample Name: I4113-02      Acquired: 7/10/2017 16:47:25      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: SB-4      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2692.5  | 12949.  | 5840.4  | 30.527 | 2145.4 |
| Stddev    | 2.7     | 57.     | 37.2    | .725   | 5.6    |
| %RSD      | .09996  | .44196  | .63765  | .90046 | .26289 |
| #1        | 2690.6  | 12990.  | 5814.0  | 81.040 | 2141.4 |
| #2        | 2694.4  | 12909.  | 5866.7  | 80.014 | 2149.4 |

Sample Name: I4113-03      Acquired: 7/10/2017 16:51:29      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: SB-5(8.0-8.5 Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .05197 | .00119 | .92165 | .10859 | .00492 | 126.05 | .71823 | .00515 | .00290 |
| Stddev | .00026 | .00040 | .00583 | .00010 | .00045 | .07    | .00119 | .00002 | .00034 |
| %RSD   | .49191 | 33.537 | .63230 | .08767 | 9.1026 | .05189 | .16512 | .38795 | 11.871 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .05215 | .00147 | .92577 | .10865 | .00460 | 126.10 | .71739 | .00517 | .00314 |
| #2 | .05179 | .00091 | .91753 | .10852 | .00523 | 126.00 | .71906 | .00514 | .00266 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 37.079 | .24516 | .14223 | .27889 | 335.50 | 4.0404 | 44.905 | .24608 | .02727 |
| Stddev | .029   | .00236 | .00009 | .00171 | 1.18   | .0059  | .255   | .00085 | .00099 |
| %RSD   | .07912 | .96179 | .06304 | .61283 | .35025 | .14527 | .56845 | .34663 | 3.6213 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 37.058 | .24349 | .14229 | .28010 | 336.33 | 4.0362 | 44.724 | .24668 | .02657 |
| #2 | 37.099 | .24682 | .14217 | .27768 | 334.67 | 4.0445 | 45.085 | .24547 | .02797 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 3.7906 | .38441 | 1.2760 | 20.663 | .00358 | .32545 | .97648 | 7.3110 | .05266 |
| Stddev | .0096  | .00296 | .0071  | .038   | .00017 | .00286 | .00915 | .0530  | .00089 |
| %RSD   | .25399 | .76923 | .55548 | .18218 | 4.6665 | .87802 | .93734 | .72510 | 1.6859 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 3.7838 | .38650 | 1.2710 | 20.636 | .00370 | .32343 | .98295 | 7.2735 | .05203 |
| #2 | 3.7974 | .38232 | 1.2810 | 20.689 | .00346 | .32747 | .97000 | 7.3485 | .05329 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.9681 | .13265 | 7.311  | 21997  |
| Stddev | .0105  | .00188 | .089   | .00046 |
| %RSD   | .21064 | 1.4202 | 1.215  | .21070 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 4.9755 | .13132 | 7.374 | .21964 |
| #2 | 4.9607 | .13399 | 7.248 | .22030 |



Sample Name: I4113-03      Acquired: 7/10/2017 16:51:29      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: SB-5(8.0-8.5 Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2651.8  | 12740.  | 5715.1  | 31.168 | 2202.4 |
| Stddev    | 28.8    | 12.     | 23.1    | .093   | 28.7   |
| %RSD      | 1.0871  | .09051  | .40455  | .11486 | 1.3050 |
| #1        | 2631.5  | 12732.  | 5731.4  | 81.234 | 2182.1 |
| #2        | 2672.2  | 12748.  | 5698.7  | 81.102 | 2222.8 |

Sample Name: I4113-04      Acquired: 7/10/2017 16:55:30      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: SB-5      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .10739 | .00468 | 4.0659 | .11706 | .01096 | 124.15 | 2.5840 | .00718 | .01779 |
| Stddev | .00029 | .00135 | .0254  | .00157 | .00116 | .06    | .0073  | .00016 | .00019 |
| %RSD   | .26857 | 28.771 | .62462 | 1.3382 | 10.537 | .04962 | .28215 | 2.2037 | 1.0525 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .10759 | .00373 | 4.0480 | .11595 | .01015 | 124.11 | 2.5891 | .00707 | .01766 |
| #2 | .10719 | .00563 | 4.0839 | .11817 | .01178 | 124.20 | 2.5788 | .00730 | .01792 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 149.09 | .36679 | .16028 | 1.0109 | 399.97 | 3.3038 | 36.093 | .42925 | .04425 |
| Stddev | .12    | .00257 | .00115 | .0052  | .09    | .0095  | .006   | .00243 | .00073 |
| %RSD   | .07935 | .70116 | .71459 | .51462 | .02126 | .11407 | .00878 | .56565 | 1.6584 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 149.17 | .36497 | .15947 | 1.0072 | 399.91 | 8.2971 | 66.097 | .42753 | .04373 |
| #2 | 149.00 | .36861 | .16109 | 1.0146 | 400.03 | 8.3105 | 66.089 | .43096 | .04477 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 3.3963 | .55657 | 3.1783 | 25.093 | .01015 | .38929 | 3.8319 | 5.7173 | .19310 |
| Stddev | .0023  | .00159 | .0202  | .091   | .00016 | .00445 | .0212  | .0013  | .00014 |
| %RSD   | .06685 | .28650 | .63455 | .36081 | 1.5407 | 1.1420 | .55250 | .02290 | .07069 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 3.3979 | .55544 | 3.1926 | 25.157 | .01004 | .39243 | 3.8170 | 5.7182 | .19300 |
| #2 | 3.3947 | .55769 | 3.1640 | 25.029 | .01026 | .38614 | 3.8469 | 5.7163 | .19319 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 5.4971 | .16743 | 11.58  | 55205  |
| Stddev | .0163  | .00062 | .09    | .00029 |
| %RSD   | .29656 | .36996 | .7653  | .05274 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 5.4856 | .16700 | 11.51 | .55184 |
| #2 | 5.5086 | .16787 | 11.64 | .55225 |

Sample Name: I4113-04      Acquired: 7/10/2017 16:55:30      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: SB-5      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2618.4  | 12997.  | 5799.1  | 79.593 | 2099.8 |
| Stddev    | 10.6    | 11.     | 30.9    | .480   | 11.4   |
| %RSD      | .40361  | .08308  | .53313  | .60276 | .54213 |
| #1        | 2625.9  | 12990.  | 5777.3  | 79.254 | 2107.9 |
| #2        | 2610.9  | 13005.  | 5821.0  | 79.933 | 2091.8 |

Sample Name: I4113-05      Acquired: 7/10/2017 16:59:34      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: SB-6(11.0-11      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02925 | .00061 | .36313 | .07738 | .00691 | 150.38 | .39141 | .00350 |
| Stddev | .00041 | .00144 | .00402 | .00093 | .00026 | .06    | .00060 | .00005 |
| %RSD   | 1.3880 | 233.72 | 1.1057 | 1.1970 | 3.7507 | .04031 | .15255 | 1.4629 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .02954 | .00040  | .36597 | .07804 | .00710 | 150.42 | .39183 | .00347 |
| #2 | .02897 | -.00163 | .36029 | .07673 | .00673 | 150.33 | .39099 | .00354 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00341 | 18.000 | .19473 | .09636 | .15808 | 245.67 | 2.2305 | 51.624 |
| Stddev | .00009 | .039   | .00565 | .00034 | .00101 | 2.60   | .0022  | .049   |
| %RSD   | 2.6978 | .21411 | 2.9004 | .34996 | .63753 | 1.0592 | .09817 | .09510 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00335 | 17.973 | .19872 | .09612 | .15737 | 247.51 | 2.2321 | 51.659 |
| #2 | .00348 | 18.027 | .19073 | .09660 | .15880 | 243.83 | 2.2290 | 51.590 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .28783 | .02096 | 3.8810 | .18646 | .68297 | 3.9884 | .00183 | .23093 |
| Stddev | .00113 | .00024 | .0033  | .00106 | .00590 | .0129  | .00029 | .00373 |
| %RSD   | .39310 | 1.1638 | .08529 | .56835 | .86337 | .14331 | 15.648 | 1.6131 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .28863 | .02079 | 3.8834 | .18721 | .68714 | 8.9793 | .00162 | .22829 |
| #2 | .28703 | .02114 | 3.8787 | .18571 | .67881 | 8.9975 | .00203 | .23356 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .84830 | 5.3804 | .01625 | 1.3062 | .25506 | 7.324  | .15718 |
| Stddev | .00056 | .0261  | .00028 | .0014  | .00189 | .029   | .00009 |
| %RSD   | .06640 | .40835 | 1.7070 | .10552 | .74032 | .3886  | .05829 |

|    |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|-------|--------|
| #1 | .84791 | 6.3988 | .01606 | 1.3072 | .25373 | 7.344 | .15724 |
| #2 | .84870 | 6.3619 | .01645 | 1.3052 | .25640 | 7.303 | .15711 |

Sample Name: I4113-05      Acquired: 7/10/2017 16:59:34      Type: Unk  
 Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: SB-6(11.0-11      Custom ID2:      Custom ID3:  
 Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2460.2  | 11762.  | 5344.4  | 30.887 | 2231.6 |
| Stddev    | 14.2    | 6.      | 6.9     | .670   | 13.6   |
| %RSD      | .57700  | .05366  | .12832  | .82884 | .60873 |
| #1        | 2450.2  | 11757.  | 5349.2  | 80.412 | 2222.0 |
| #2        | 2470.3  | 11766.  | 5339.6  | 81.361 | 2241.2 |

Sample Name: I4063-07      Acquired: 7/10/2017 17:03:34      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .05521 | .00304 | .40867 | .11019 | .00084 | 123.06 | .51945 | .00577 | .00264 |
| Stddev | .00257 | .00108 | .00478 | .00315 | .00073 | 9.09   | .00081 | .00107 | .00054 |
| %RSD   | 4.6510 | 35.591 | 1.1697 | 2.8545 | 87.040 | 7.3849 | .15611 | 18.474 | 20.395 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .05702 | .00227 | .41205 | .11241 | .00032 | 116.64 | .51888 | .00502 | .00226 |
| #2 | .05339 | .00380 | .40529 | .10796 | .00135 | 129.49 | .52002 | .00653 | .00302 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 39.233 | .29760 | .23285 | .37681 | 347.00 | 3.8588 | 77.469 | .25205 | .02509 |
| Stddev | .354   | .02741 | .00048 | .00283 | 6.24   | .3653  | .396   | .00046 | .00331 |
| %RSD   | .51195 | 9.2105 | .20667 | .74995 | 1.7989 | 9.4674 | .51120 | .18150 | 13.197 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 68.982 | .27822 | .23319 | .37481 | 351.41 | 3.6004 | 77.189 | .25173 | .02743 |
| #2 | 69.484 | .31698 | .23251 | .37881 | 342.58 | 4.1171 | 77.749 | .25238 | .02275 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.1827 | .37850 | .78421 | 20.864 | .01492 | 1.0525 | 18.700 | 4.5783 | .03538 |
| Stddev | .0355  | .03923 | .01120 | .118   | .00009 | .0094  | .033   | .1890  | .00108 |
| %RSD   | .84752 | 10.364 | 1.4286 | .56352 | .60671 | .89144 | .17807 | 4.1270 | 3.0610 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 4.1576 | .35076 | .79213 | 20.781 | .01499 | 1.0591 | 18.723 | 4.4447 | .03461 |
| #2 | 4.2078 | .40624 | .77629 | 20.947 | .01486 | 1.0459 | 18.676 | 4.7119 | .03614 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 3.1391 | .15428 | 3.510  | 17208  |
| Stddev | .0111  | .00074 | .014   | .00056 |
| %RSD   | .35375 | .47691 | .1617  | .32492 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 3.1313 | .15376 | 8.520 | .17169 |
| #2 | 3.1470 | .15480 | 8.500 | .17248 |

Sample Name: I4063-07      Acquired: 7/10/2017 17:03:34      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2774.7  | 12872.  | 3136.4  | 77.950 | 2143.7 |
| Stddev    | 7.8     | 954.    | 39.5    | 1.331  | 7.6    |
| %RSD      | .27995  | 7.4150  | .64303  | 1.7081 | .35520 |
| #1        | 2769.2  | 13547.  | 6164.3  | 77.009 | 2138.3 |
| #2        | 2780.2  | 12197.  | 6108.5  | 78.892 | 2149.0 |

Sample Name: I4070-01      Acquired: 7/10/2017 17:07:33      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .14345 | .00059 | .66545 | .07880 | .00779 | 30.264 | .35559 | .00441 |
| Stddev | .00098 | .00006 | .00075 | .00080 | .00168 | .003   | .00112 | .00004 |
| %RSD   | .68648 | 10.239 | .11228 | 1.0109 | 21.635 | .00407 | .31480 | .91745 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .14275 | -.00063 | .66598 | .07936 | .00660 | 80.262 | .35639 | .00438 |
| #2 | .14414 | -.00054 | .66493 | .07824 | .00898 | 80.266 | .35480 | .00444 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00082 | 19.464 | .27821 | .02131 | .24262 | 246.75 | .37520 | 17.122 |
| Stddev | .00057 | .012   | .01583 | .00028 | .00032 | 4.28   | .00129 | .116   |
| %RSD   | 69.490 | .06327 | 5.6893 | 1.3082 | .13201 | 1.7349 | .34392 | .68015 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00042 | 19.473 | .28940 | .02111 | .24240 | 249.78 | .37612 | 17.039 |
| #2 | .00123 | 19.456 | .26702 | .02151 | .24285 | 243.72 | .37429 | 17.204 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .04468 | .01975 | 4.2860 | .38062 | .39420 | 20.168 | .00537 | .31224 |
| Stddev | .00072 | .00081 | .0074  | .00126 | .00720 | .009   | .00026 | .00152 |
| %RSD   | 1.6053 | 4.1233 | .17230 | .33213 | 1.8261 | .04535 | 4.7481 | .48797 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .04519 | .01917 | 4.2808 | .38151 | .39929 | 20.162 | .00519 | .31332 |
| #2 | .04418 | .02033 | 4.2913 | .37973 | .38911 | 20.175 | .00555 | .31116 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.7950 | 20.217 | .01661 | .72695 | .03918 | 3.893  | .06626 |
| Stddev | .0006  | .020   | .00047 | .00447 | .00052 | .014   | .00003 |
| %RSD   | .02241 | .09743 | 2.8548 | .61446 | 1.3265 | .2023  | .04554 |

|    |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|-------|--------|
| #1 | 2.7946 | 20.203 | .01695 | .72379 | .03955 | 6.903 | .06628 |
| #2 | 2.7955 | 20.231 | .01627 | .73011 | .03882 | 6.883 | .06624 |



Sample Name: I4070-01      Acquired: 7/10/2017 17:07:33      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2285.3  | 10869.  | 4916.2  | 31.694 | 2263.9 |
| Stddev    | 6.4     | 38.     | 15.9    | 1.455  | 4.3    |
| %RSD      | .27797  | .34932  | .32424  | 1.7812 | .19159 |
| #1        | 2280.8  | 10842.  | 4905.0  | 80.665 | 2260.8 |
| #2        | 2289.8  | 10896.  | 4927.5  | 82.723 | 2267.0 |

Sample Name: I4072-01      Acquired: 7/10/2017 17:11:37      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .11494 | .00352 | .67424 | .13602 | .00635 | 173.28 | .77681 | .00606 | .00380 |
| Stddev | .00130 | .00178 | .01008 | .00861 | .00024 | .04    | .00265 | .00017 | .00012 |
| %RSD   | 1.1325 | 50.623 | 1.4954 | 6.3276 | 3.7212 | .02318 | .34117 | 2.8226 | 3.2855 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .11586 | .00226 | .68137 | .14211 | .00619 | 173.25 | .77869 | .00619 | .00389 |
| #2 | .11402 | .00478 | .66711 | .12994 | .00652 | 173.31 | .77494 | .00594 | .00371 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 23.561 | .22905 | .10166 | .28989 | 391.75 | 3.3556 | 20.304 | .17211 | .03537 |
| Stddev | .016   | .00058 | .00079 | .00183 | 6.54   | .0073  | .033   | .00097 | .00046 |
| %RSD   | .06990 | .25227 | .78074 | .63160 | 1.6685 | .21875 | .16378 | .56629 | 1.2945 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 23.573 | .22946 | .10222 | .28860 | 396.38 | 3.3608 | 20.280 | .17280 | .03569 |
| #2 | 23.550 | .22864 | .10110 | .29119 | 387.13 | 3.3504 | 20.327 | .17142 | .03504 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.3308 | .48302 | .79408 | 5.9011 | .00558 | .40914 | 3.4091 | 3.7608 | .02898 |
| Stddev | .0106  | .00766 | .01263 | .0057  | .00001 | .00909 | .0284  | .0136  | .00117 |
| %RSD   | .45418 | 1.5863 | 1.5899 | .09606 | .25873 | 2.2227 | .83388 | .15464 | 4.0435 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.3383 | .47760 | .80301 | 5.9051 | .00559 | .41557 | 3.4292 | 8.7512 | .02815 |
| #2 | 2.3233 | .48844 | .78515 | 5.8971 | .00557 | .40271 | 3.3890 | 8.7704 | .02980 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | .85554 | .14309 | 6.723  | .14268 |
| Stddev | .00194 | .00165 | .048   | .00041 |
| %RSD   | .22638 | 1.1516 | .7155  | .28987 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .85691 | .14425 | 6.757 | .14297 |
| #2 | .85417 | .14192 | 6.689 | .14238 |

Sample Name: I4072-01      Acquired: 7/10/2017 17:11:37      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2876.4  | 14078.  | 3374.8  | 31.724 | 2186.1 |
| Stddev    | 9.9     | 7.      | 17.2    | 1.462  | 17.5   |
| %RSD      | .34574  | .04964  | .26940  | 1.7890 | .80253 |
| #1        | 2869.3  | 14073.  | 6362.7  | 80.690 | 2173.7 |
| #2        | 2883.4  | 14083.  | 6387.0  | 82.758 | 2198.5 |

Sample Name: I4072-04      Acquired: 7/10/2017 17:15:37      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .14537 | .00243 | .45705 | .12484 | .00604 | 130.23 | .50984 | .00747 | .00449 |
| Stddev | .00230 | .00149 | .00837 | .00805 | .00090 | 5.84   | .00168 | .00077 | .00207 |
| %RSD   | 1.5821 | 61.382 | 1.8313 | 6.4449 | 14.915 | 4.4827 | .32958 | 10.329 | 46.064 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .14375 | .00348 | .45113 | .13053 | .00541 | 134.36 | .51103 | .00801 | .00303 |
| #2 | .14700 | .00137 | .46297 | .11915 | .00668 | 126.10 | .50865 | .00692 | .00596 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 33.706 | .39927 | .12392 | .48256 | 408.76 | 4.0180 | 45.871 | .19787 | .03536 |
| Stddev | .129   | .01993 | .00364 | .02236 | 8.51   | .2297  | .056   | .00617 | .00112 |
| %RSD   | .15396 | 4.9906 | 2.9351 | 4.6332 | 2.0818 | 5.7162 | .12273 | 3.1197 | 3.1655 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 83.797 | .41336 | .12135 | .46675 | 414.78 | 4.1804 | 45.911 | .19351 | .03615 |
| #2 | 83.615 | .38518 | .12649 | .49837 | 402.75 | 3.8556 | 45.831 | .20224 | .03457 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 16.155 | .65252 | .94701 | 18.049 | .00463 | .48258 | 4.2169 | 14.299 | .02377 |
| Stddev | .019   | .03421 | .01666 | .005   | .00024 | .00924 | .1351  | .371   | .00082 |
| %RSD   | .11829 | 5.2434 | 1.7595 | .02578 | 5.2135 | 1.9145 | 3.2047 | 2.5967 | 3.4492 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 16.169 | .67671 | .95879 | 18.046 | .00480 | .48912 | 4.1213 | 14.562 | .02319 |
| #2 | 16.142 | .62832 | .93523 | 18.052 | .00446 | .47605 | 4.3124 | 14.037 | .02435 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.8457 | .14715 | 7.143  | 33661  |
| Stddev | .0086  | .00028 | .218   | .00016 |
| %RSD   | .46486 | .19023 | 3.048  | .04820 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 1.8517 | .14735 | 6.989 | .33673 |
| #2 | 1.8396 | .14695 | 7.297 | .33650 |

Sample Name: I4072-04      Acquired: 7/10/2017 17:15:37      Type: Unk  
 Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2536.2  | 11762.  | 5484.7  | 30.337 | 2172.1 |
| Stddev    | 52.5    | 565.    | 23.2    | 1.801  | 59.7   |
| %RSD      | 2.0704  | 4.8068  | .42268  | 2.2421 | 2.7498 |
| #1        | 2573.3  | 11362.  | 5468.3  | 79.063 | 2214.3 |
| #2        | 2499.1  | 12161.  | 5501.1  | 81.611 | 2129.8 |

Sample Name: CCV07      Acquired: 7/10/2017 17:19:39      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV07      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.8766 | 4.7980 | 4.6612 | 5.0656 | 4.9590 | 9.8390 | 9.6686 | 2.4167 | 2.4001 |
| Stddev | .0149  | .0076  | .0025  | .0075  | .0038  | .0035  | .0890  | .00022 | .0018  |
| %RSD   | .30572 | .15837 | .05452 | .14738 | .07634 | .03548 | .92068 | .09217 | .07589 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 4.8660 | 4.7926 | 4.6594 | 5.0603 | 4.9563 | 9.8415 | 9.6057 | 2.4152 | 2.4014 |
| #2 | 4.8871 | 4.8034 | 4.6630 | 5.0708 | 4.9617 | 9.8366 | 9.7316 | 2.4183 | 2.3988 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 24.045 | .95175 | 2.3570 | 1.2179 | 4.7904 | 2.4441 | 23.393 | 2.4002 | 1.1887 |
| Stddev | .098   | .00099 | .0013  | .0028  | .0476  | .0060  | .112   | .0029  | .0021  |
| %RSD   | .40860 | .10399 | .05477 | .22746 | .99477 | .24664 | .47693 | .12088 | .17992 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 23.976 | .95105 | 2.3579 | 1.2159 | 4.8240 | 2.4483 | 23.314 | 2.4023 | 1.1871 |
| #2 | 24.115 | .95245 | 2.3561 | 1.2198 | 4.7567 | 2.4398 | 23.471 | 2.3982 | 1.1902 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 24.085 | 2.4466 | 2.4057 | 24.591 | 4.9272 | 4.9912 | 4.9598 | 4.9509 | 4.7519 |
| Stddev | .121   | .0009  | .0250  | .118   | .0112  | .0179  | .0024  | .0438  | .0046  |
| %RSD   | .50307 | .03549 | 1.0407 | .48093 | .22661 | .35935 | .04836 | .88504 | .09602 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 24.000 | 2.4472 | 2.4234 | 24.507 | 4.9193 | 4.9786 | 4.9615 | 4.9199 | 4.7487 |
| #2 | 24.171 | 2.4459 | 2.3880 | 24.674 | 4.9351 | 5.0039 | 4.9581 | 4.9819 | 4.7552 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.8386 | 4.9339 | 5.110  | 4.9290 |
| Stddev | .0345  | .0213  | .005   | .0512  |
| %RSD   | .71389 | .43253 | .0891  | 1.0398 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 4.8142 | 4.9188 | 5.107 | 4.8928 |
| #2 | 4.8630 | 4.9490 | 5.114 | 4.9652 |

Sample Name: CCV07      Acquired: 7/10/2017 17:19:39      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV07      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2157.3  | 10322.  | 4572.3  | 30.333 | 2238.0 |
| Stddev    | 3.0     | 28.     | 16.2    | 1.160  | 6.8    |
| %RSD      | .13790  | .27442  | .35324  | 1.4438 | .30198 |
| #1        | 2155.2  | 10302.  | 4583.8  | 79.513 | 2233.2 |
| #2        | 2159.4  | 10342.  | 4560.9  | 81.153 | 2242.8 |

Sample Name: LLCCV02      Acquired: 7/10/2017 17:29:56      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: LLCCV02      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02133 | .03655 | .01130 | .02041 | .04919 | .11131 | .10223 | .00678 | .00596 |
| Stddev | .00020 | .00045 | .00004 | .00144 | .00077 | .00808 | .00004 | .00002 | .00005 |
| %RSD   | .94898 | 1.2391 | .34889 | 7.0703 | 1.5589 | 7.2568 | .04046 | .29697 | .90344 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .02147 | .03687 | .01127 | .01939 | .04864 | .10560 | .10220 | .00676 | .00600 |
| #2 | .02119 | .03623 | .01133 | .02143 | .04973 | .11702 | .10225 | .00679 | .00592 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.0705 | .01199 | .03057 | .02232 | .10427 | .02091 | 2.1197 | .04067 | .01090 |
| Stddev | .0018  | .00351 | .00022 | .00025 | .00279 | .00062 | .0289  | .00016 | .00069 |
| %RSD   | .08606 | 29.314 | .71700 | 1.1362 | 2.6775 | 2.9793 | 1.3640 | .39559 | 6.2908 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.0717 | .01447 | .03073 | .02250 | .10229 | .02047 | 2.0992 | .04056 | .01138 |
| #2 | 2.0692 | .00950 | .03042 | .02215 | .10624 | .02135 | 2.1401 | .04079 | .01041 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.0559 | .03333 | .04093 | 2.1017 | .21967 | .10234 | .02160 | .40075 | .04253 |
| Stddev | .0043  | .00185 | .00059 | .0138  | .00035 | .00622 | .00137 | .00923 | .00025 |
| %RSD   | .20893 | 5.5480 | 1.4354 | .65402 | .16099 | 6.0787 | 6.3223 | 2.3023 | .58031 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.0528 | .03202 | .04134 | 2.0920 | .21992 | .09794 | .02257 | .40728 | .04236 |
| #2 | 2.0589 | .03464 | .04051 | 2.1114 | .21942 | .10674 | .02063 | .39423 | .04270 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | .04246 | .02117 | .0207  | .02220 |
| Stddev | .00145 | .00068 | .0016  | .00002 |
| %RSD   | 3.4099 | 3.2049 | 7.881  | .07928 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .04349 | .02069 | .0195 | .02218 |
| #2 | .04144 | .02164 | .0218 | .02221 |



Sample Name: LLCCV02      Acquired: 7/10/2017 17:29:56      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: LLCCV02      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2218.3  | 10093.  | 4614.0  | 33.866 | 2379.4 |
| Stddev    | .8      | 2.      | 5.3     | .817   | 3.0    |
| %RSD      | .03775  | .01489  | .11456  | .97409 | .12595 |
| #1        | 2217.7  | 10094.  | 4610.2  | 83.288 | 2381.6 |
| #2        | 2218.9  | 10092.  | 4617.7  | 84.443 | 2377.3 |

Sample Name: CCB07      Acquired: 7/10/2017 17:33:59      Type: Unk  
 Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: CCB07      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00116 | .00152 | .00241 | .00139 | .00066 | .00174 | .00083 | .00021 |
| Stddev | .00264 | .00349 | .00183 | .00067 | .00076 | .00446 | .00030 | .00002 |
| %RSD   | 227.35 | 230.00 | 76.075 | 48.374 | 115.72 | 257.00 | 36.355 | 11.801 |

|    |         |         |         |        |        |         |         |        |
|----|---------|---------|---------|--------|--------|---------|---------|--------|
| #1 | -.00071 | -.00398 | -.00371 | .00186 | .00012 | -.00489 | -.00062 | .00019 |
| #2 | .00303  | .00095  | -.00111 | .00091 | .00120 | .00142  | -.00105 | .00023 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00007 | .00462 | .00414 | .00020 | .00037 | .00283 | .00052 | .02049 |
| Stddev | .00001 | .00098 | .00178 | .00012 | .00006 | .00361 | .00104 | .00744 |
| %RSD   | 18.656 | 21.159 | 43.028 | 61.997 | 16.499 | 127.50 | 200.96 | 36.299 |

|    |         |        |         |        |        |         |         |        |
|----|---------|--------|---------|--------|--------|---------|---------|--------|
| #1 | -.00008 | .00393 | -.00288 | .00028 | .00033 | -.00538 | .00022  | .01523 |
| #2 | -.00006 | .00531 | -.00540 | .00011 | .00042 | -.00028 | -.00125 | .02575 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00039 | .00205 | .01955 | .00299 | .00010 | .00180 | .00073 | .00257 |
| Stddev | .00044 | .00074 | .00175 | .00686 | .00008 | .01873 | .00002 | .00568 |
| %RSD   | 112.76 | 35.836 | 8.9607 | 229.25 | 79.992 | 1040.9 | 3.3547 | 221.15 |

|    |         |        |         |         |         |         |        |         |
|----|---------|--------|---------|---------|---------|---------|--------|---------|
| #1 | -.00008 | .00257 | -.01831 | .00784  | -.00004 | .01144  | .00075 | .00145  |
| #2 | -.00070 | .00153 | -.02079 | -.00186 | -.00015 | -.01504 | .00071 | -.00658 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00016 | .00370 | .00068 | .00159 | .00053 | .0005  | .00007 |
| Stddev | .00040 | .01231 | .00101 | .00119 | .00157 | .0007  | .00009 |
| %RSD   | 244.30 | 332.98 | 148.42 | 74.984 | 298.79 | 131.7  | 134.64 |

|    |         |         |         |        |         |       |        |
|----|---------|---------|---------|--------|---------|-------|--------|
| #1 | .00045  | .01240  | .00140  | .00075 | .00059  | .0010 | .00013 |
| #2 | -.00012 | -.00501 | -.00003 | .00243 | -.00164 | .0000 | .00000 |

Sample Name: CCB07      Acquired: 7/10/2017 17:33:59      Type: Unk  
Method: P4-ICP2(v2088)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB07      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2225.9  | 10081.  | 4646.6  | 35.469 | 2365.0 |
| Stddev    | 16.9    | 6.      | 26.0    | 1.331  | 15.8   |
| %RSD      | .75734  | .05706  | .55887  | 1.5575 | .66613 |
| #1        | 2237.8  | 10085.  | 4628.2  | 86.410 | 2376.1 |
| #2        | 2214.0  | 10077.  | 4665.0  | 84.527 | 2353.8 |