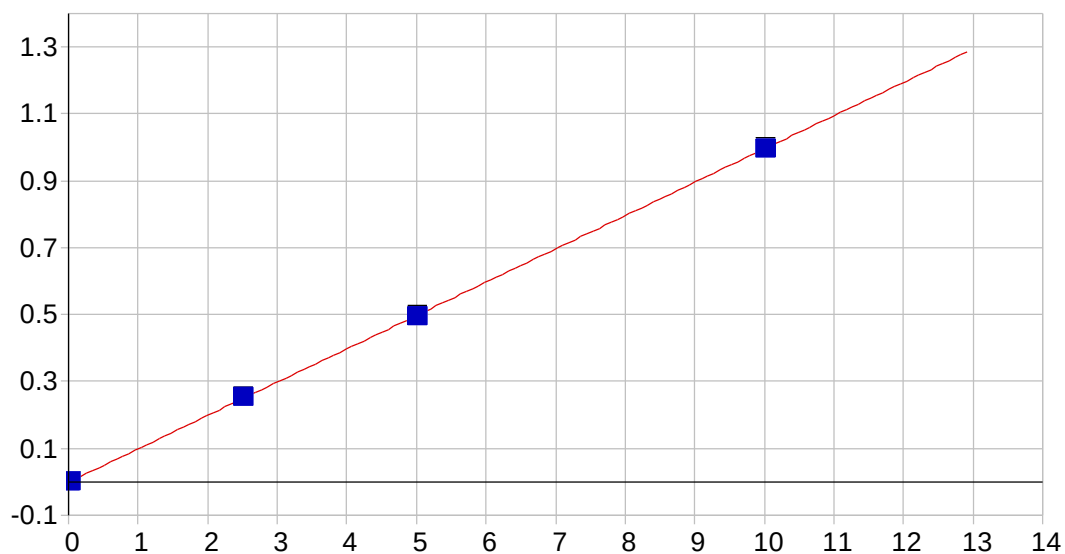




Date of Fit: 9/11/2017 15:48:24

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000830

Re-Slope: 1.000000

A1 (Gain): 0.099599

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999957

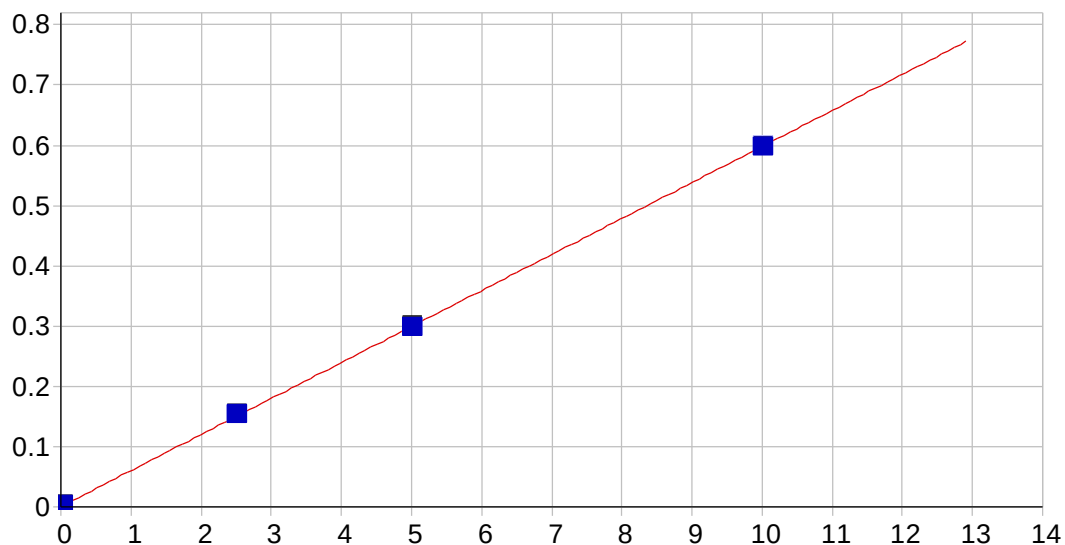
Status: OK.

Std Error of Est: 0.000022

Predicted MDL: 0.003211

Predicted MQL: 0.010704

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00083 | .000    | 1        |
| S1        | .02000       | .02154      | .002       | 7.68    | .00135  | .000    | 1        |
| S3        | 2.5000       | 2.5519      | .052       | 2.08    | .25368  | .000    | 1        |
| S4        | 5.0000       | 4.9608      | -.039      | -.785   | .49395  | .001    | 1        |
| S5        | 10.000       | 9.9858      | -.014      | -.142   | .99512  | .003    | 1        |

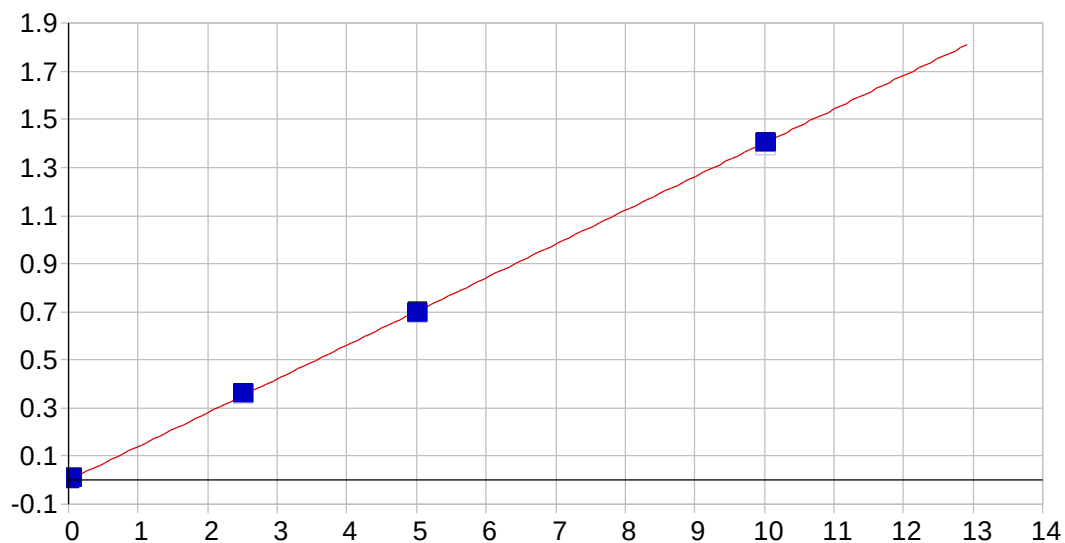


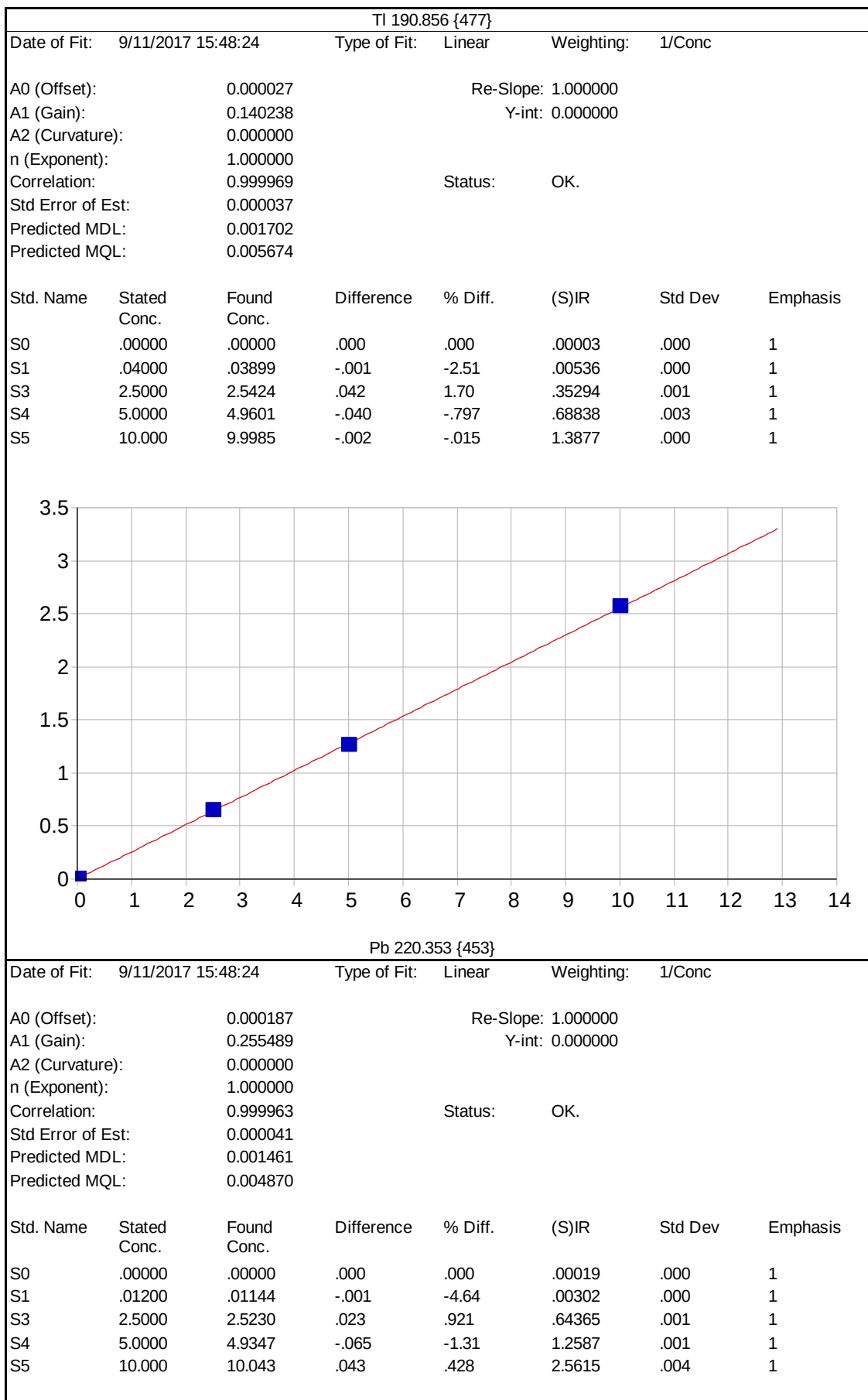
As 189.042 {479}

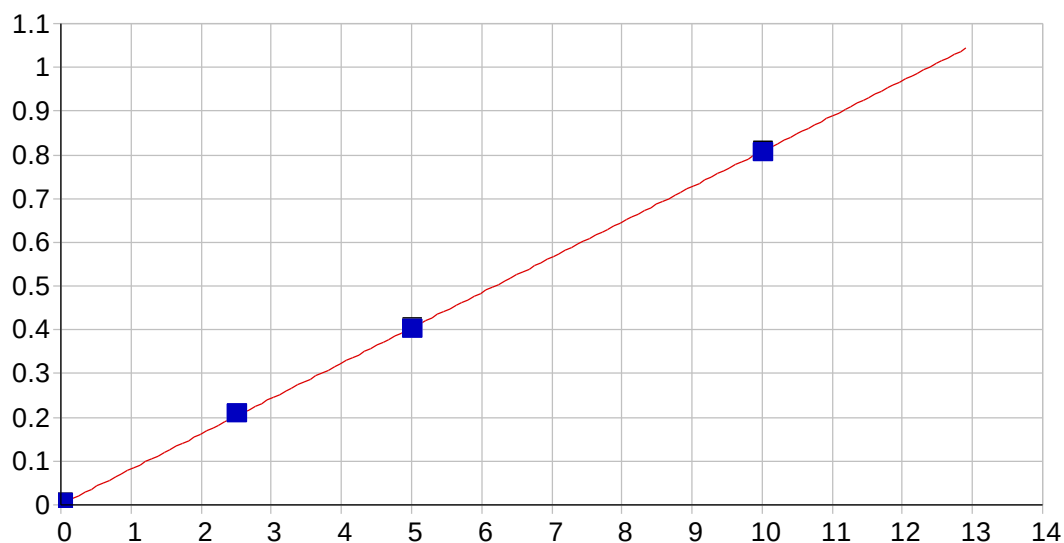
Date of Fit: 9/11/2017 15:48:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000371 Re-Slope: 1.000000  
 A1 (Gain): 0.059780 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999964 Status: OK.  
 Std Error of Est: 0.000012  
 Predicted MDL: 0.003290  
 Predicted MQL: 0.010967

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00037 | .000    | 1        |
| S1        | .02000       | .02014      | .000       | .690    | .00159 | .000    | 1        |
| S3        | 2.5000       | 2.5496      | .050       | 1.98    | .15299 | .000    | 1        |
| S4        | 5.0000       | 4.9643      | -.036      | -.714   | .29755 | .002    | 1        |
| S5        | 10.000       | 9.9860      | -.014      | -.140   | .59816 | .000    | 1        |





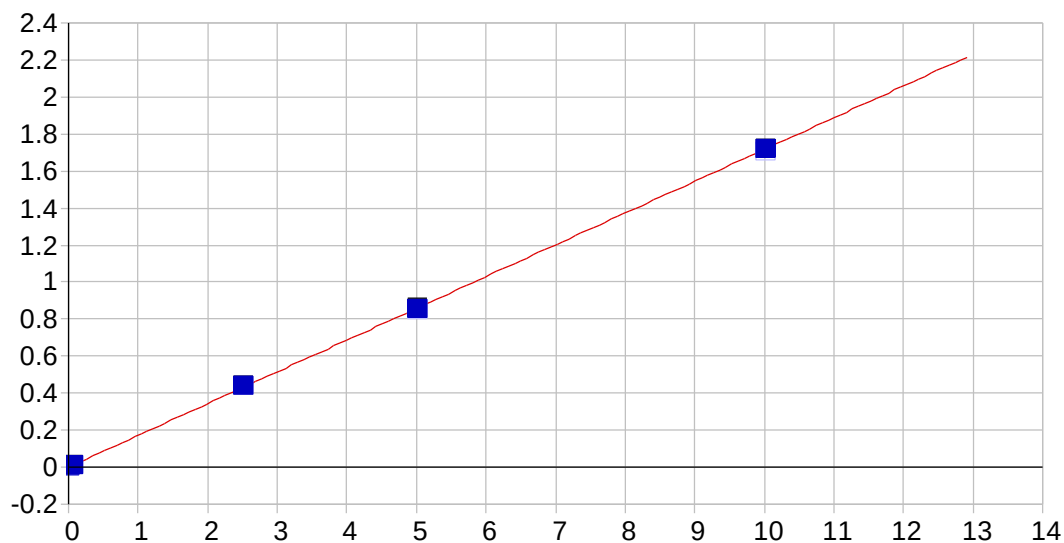


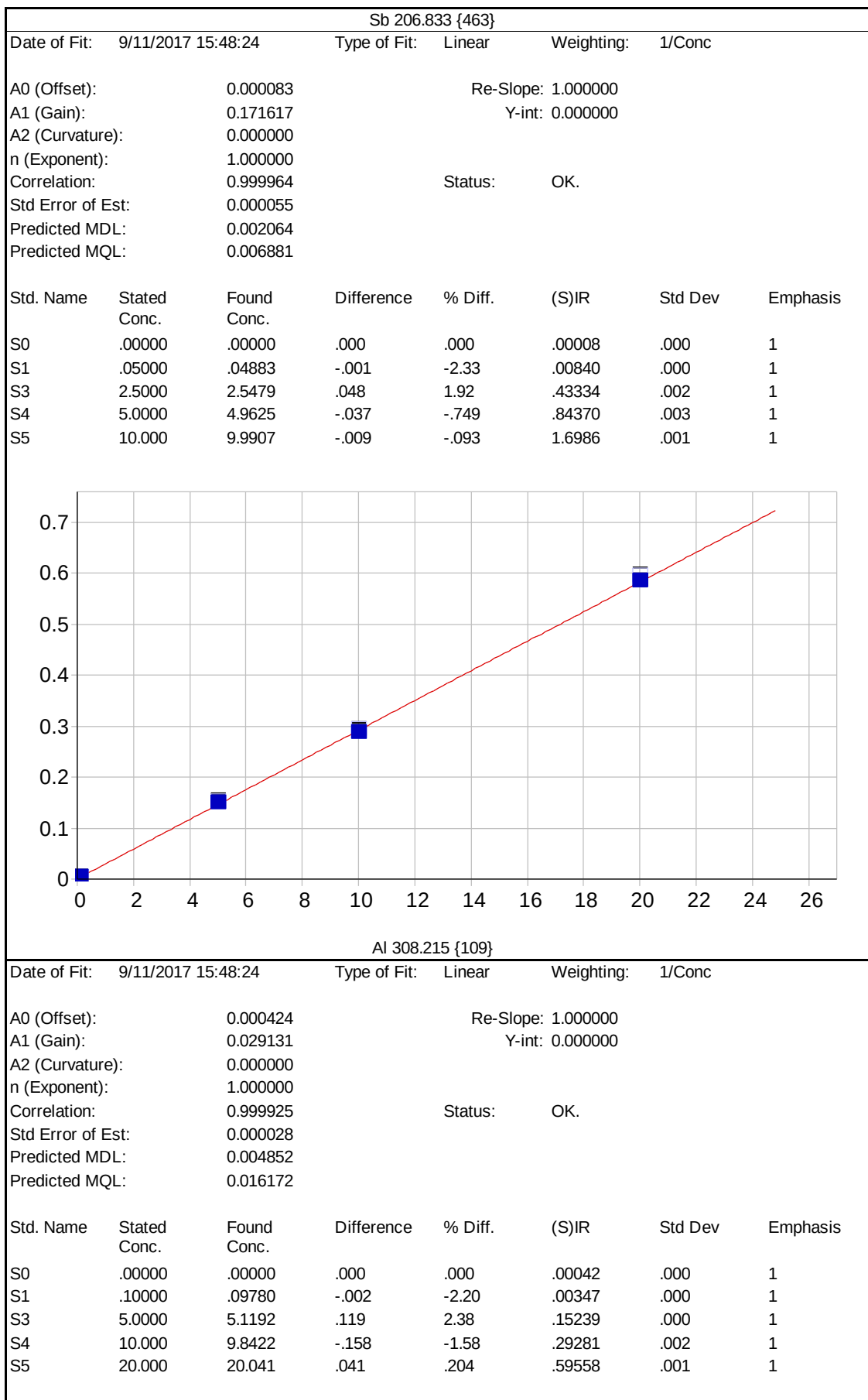
Se 196.090 {472}

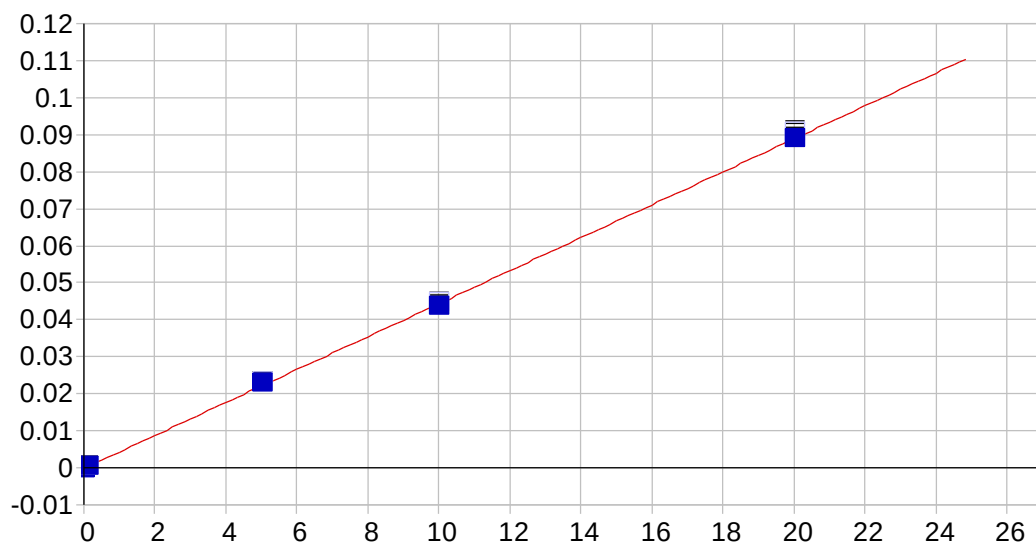
Date of Fit: 9/11/2017 15:48:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000664 Re-Slope: 1.000000  
 A1 (Gain): 0.080738 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999936 Status: OK.  
 Std Error of Est: 0.000022  
 Predicted MDL: 0.003553  
 Predicted MQL: 0.011843

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00066 | .000    | 1        |
| S1        | .02000       | .01942      | -.001      | -2.90   | .00223 | .000    | 1        |
| S3        | 2.5000       | 2.5689      | .069       | 2.76    | .20822 | .000    | 1        |
| S4        | 5.0000       | 4.9690      | -.031      | -.620   | .40215 | .002    | 1        |
| S5        | 10.000       | 9.9627      | -.037      | -.373   | .80562 | .001    | 1        |



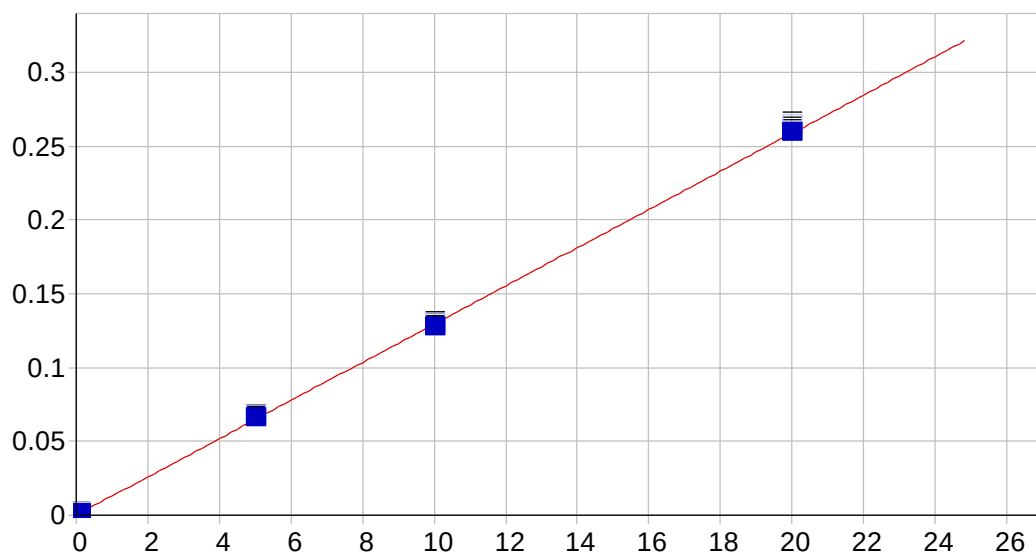


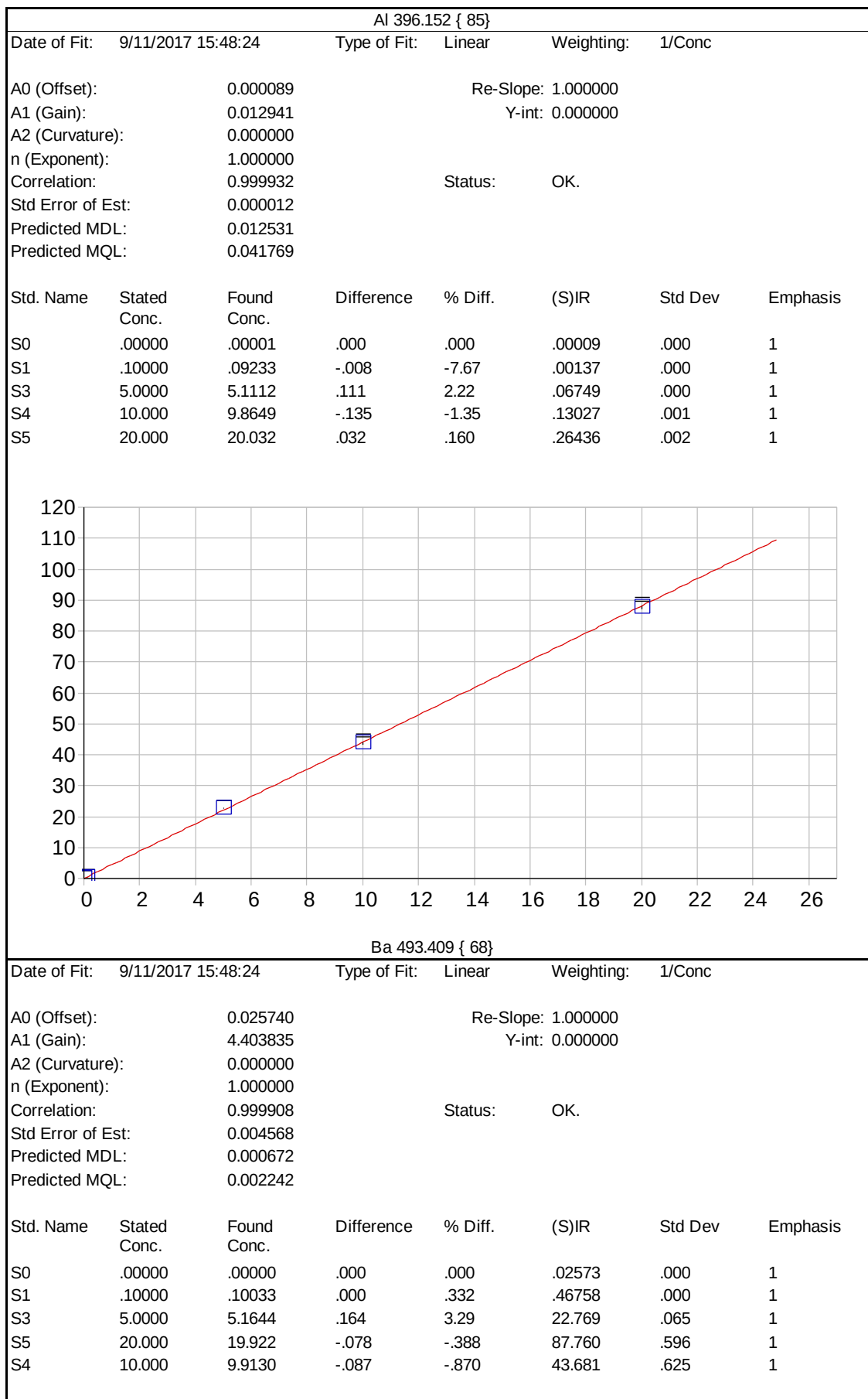


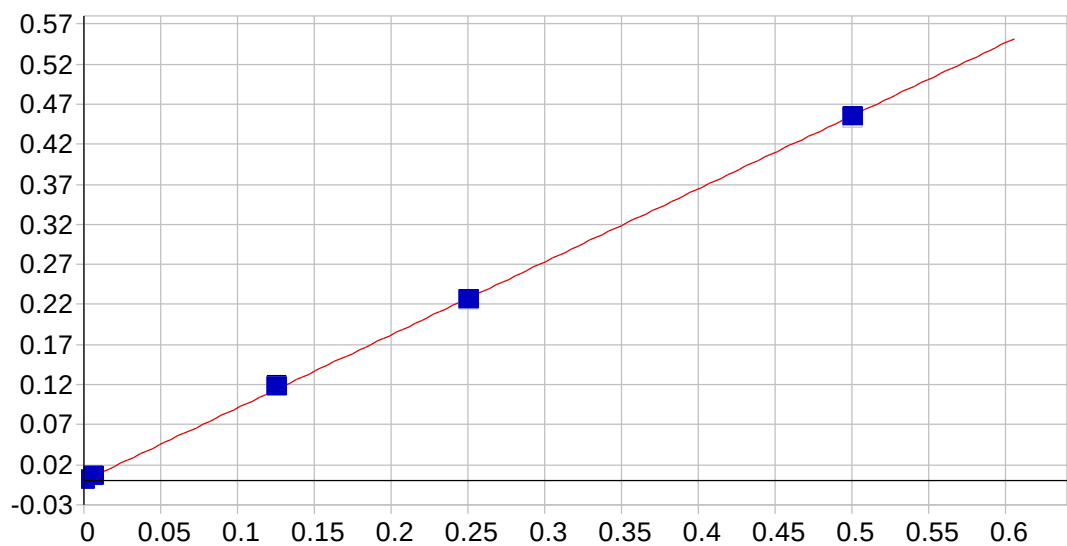
Date of Fit: 9/11/2017 15:48:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000162 Re-Slope: 1.000000  
 A1 (Gain): 0.004451 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999892 Status: OK.  
 Std Error of Est: 0.000005  
 Predicted MDL: 0.023238  
 Predicted MQL: 0.077459

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | -.00016 | .000    | 1        |
| S1        | .10000       | .09055      | -.009      | -9.45   | .00027  | .000    | 1        |
| S3        | 5.0000       | 5.1574      | .157       | 3.15    | .02323  | .000    | 1        |
| S4        | 10.000       | 9.8575      | -.143      | -1.43   | .04458  | .000    | 1        |
| S5        | 20.000       | 19.995      | -.005      | -.025   | .09057  | .000    | 1        |







Be 234.861 {144}

Date of Fit: 9/11/2017 15:48:24

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000111

Re-Slope: 1.000000

A1 (Gain): 0.910867

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999906

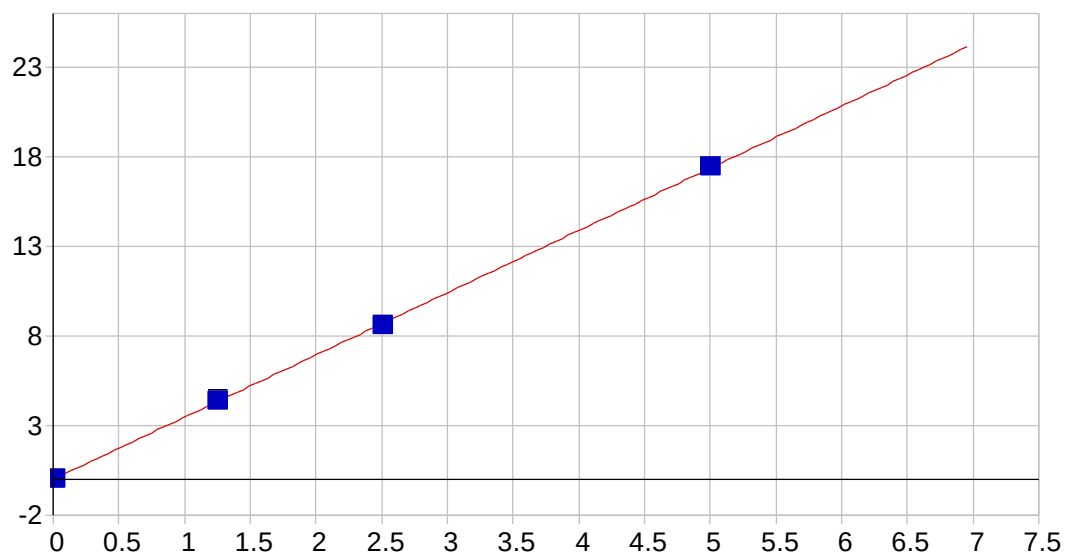
Status: OK.

Std Error of Est: 0.000037

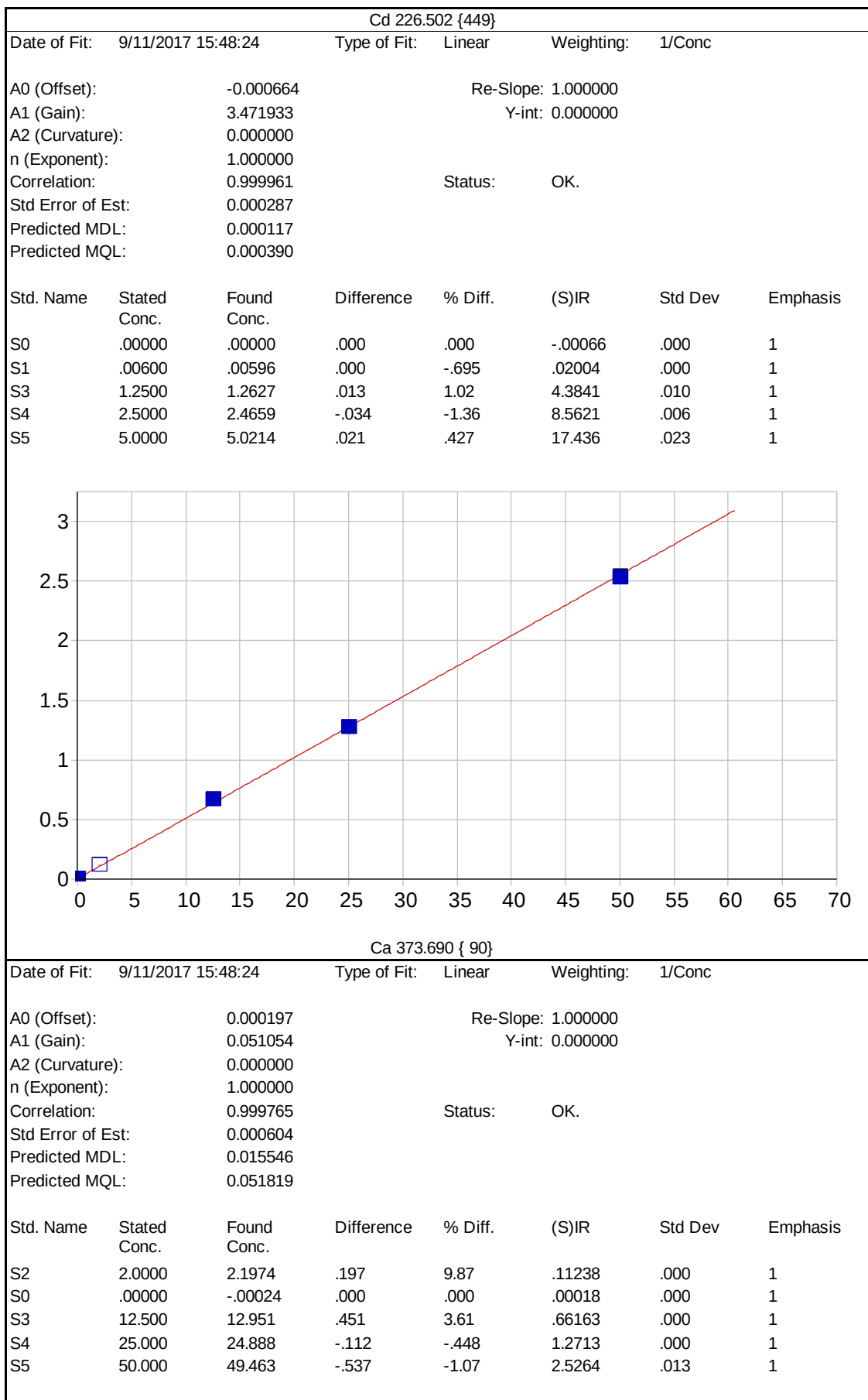
Predicted MDL: 0.000093

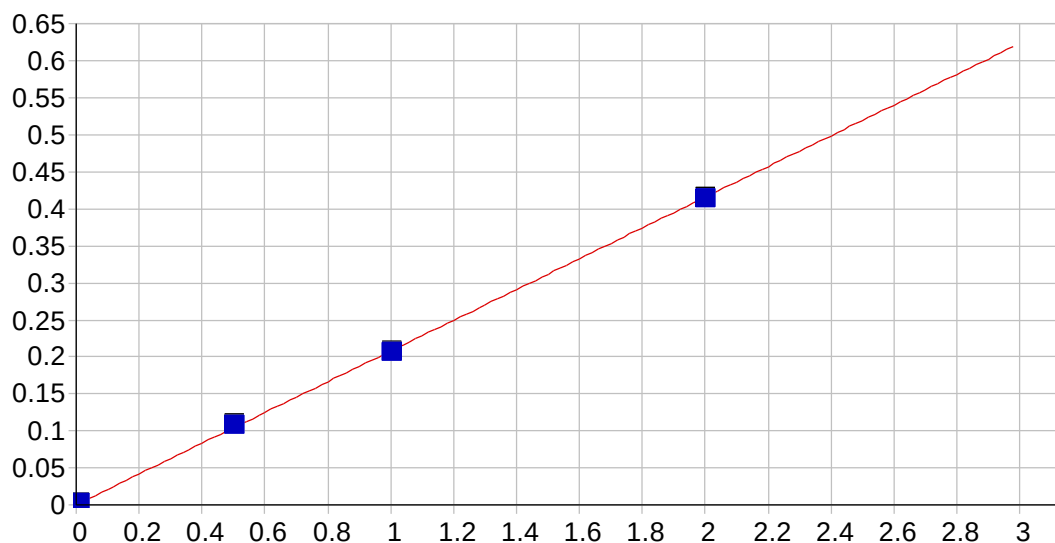
Predicted MQL: 0.000310

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00011 | .000    | 1        |
| S1        | .00600       | .00603      | .000       | .526    | .00533  | .000    | 1        |
| S3        | .12500       | .12915      | .004       | 3.32    | .11677  | .000    | 1        |
| S4        | .25000       | .24798      | -.002      | -.807   | .22427  | .001    | 1        |
| S5        | .50000       | .49784      | -.002      | -.432   | .45036  | .001    | 1        |









Date of Fit: 9/11/2017 15:48:24

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000128

Re-Slope: 1.000000

A1 (Gain): 0.207898

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999885

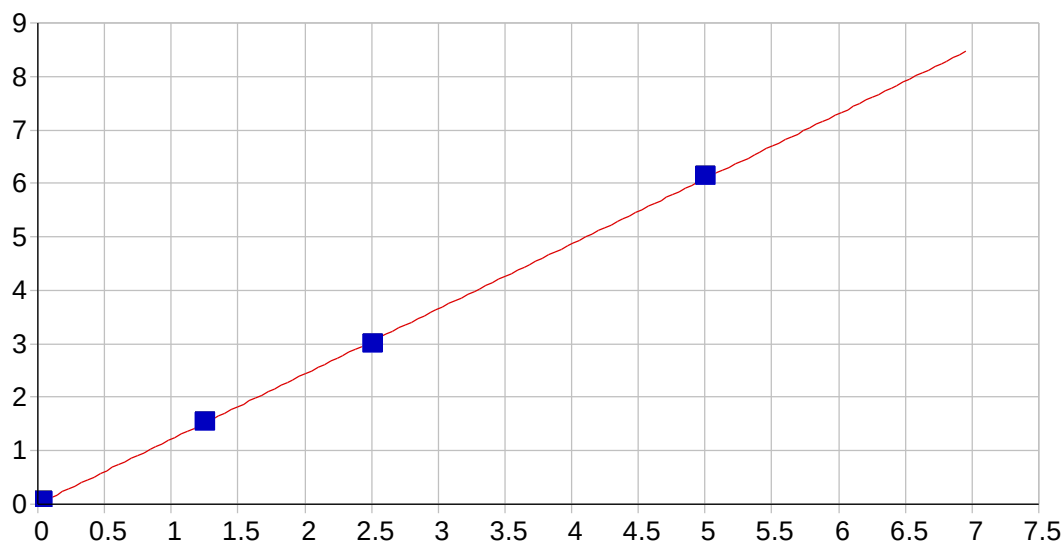
Status: OK.

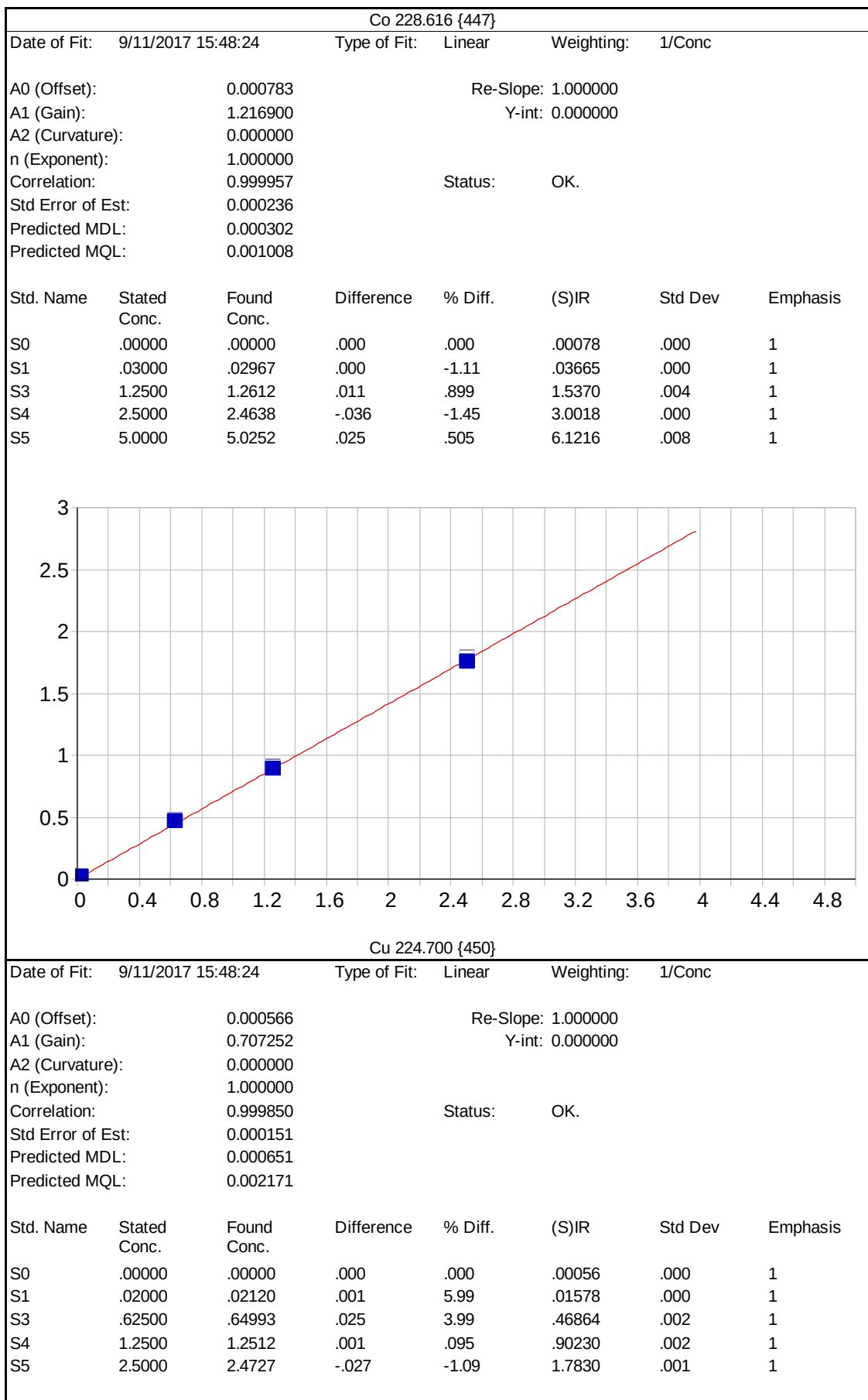
Std Error of Est: 0.000024

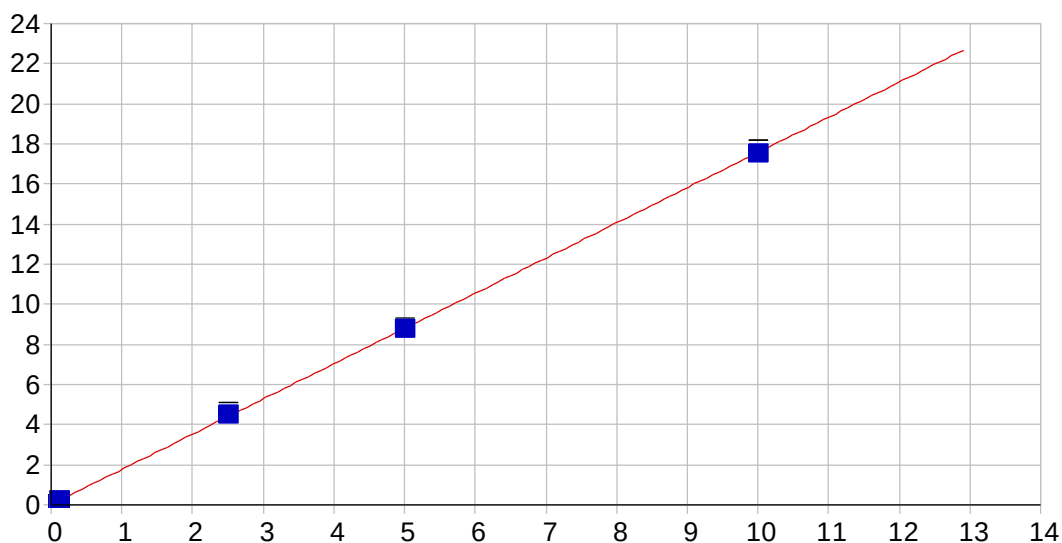
Predicted MDL: 0.000535

Predicted MQL: 0.001783

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00013 | .000    | 1        |
| S1        | .01000       | .01016      | .000       | 1.56    | .00224 | .000    | 1        |
| S3        | .50000       | .51852      | .019       | 3.70    | .10804 | .000    | 1        |
| S4        | 1.0000       | .99279      | -.007      | -.721   | .20675 | .000    | 1        |
| S5        | 2.0000       | 1.9885      | -.011      | -.573   | .41399 | .002    | 1        |







Fe 240.488 {140}

Date of Fit: 9/11/2017 15:48:24

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.012723

Re-Slope: 1.000000

A1 (Gain): 1.755955

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999963

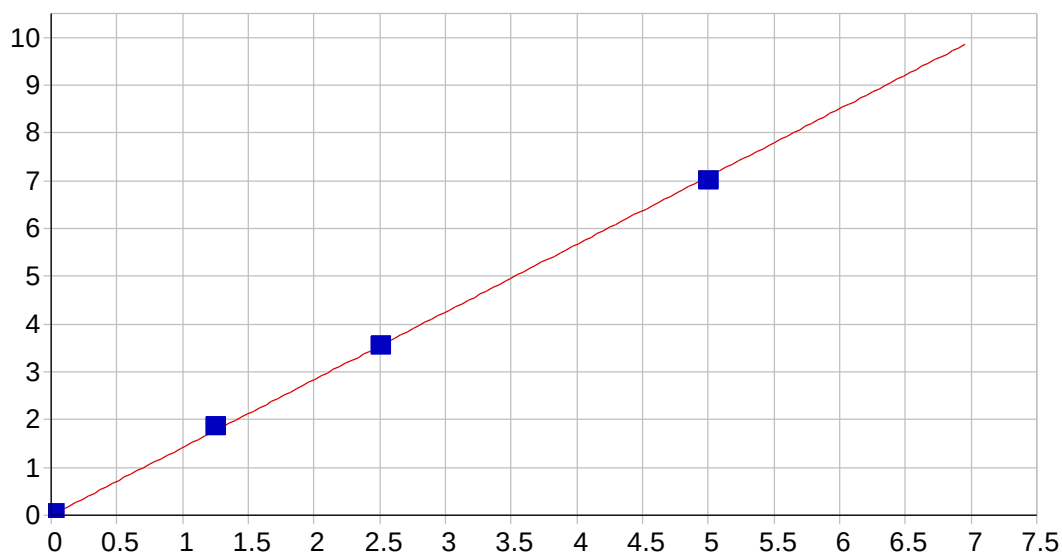
Status: OK.

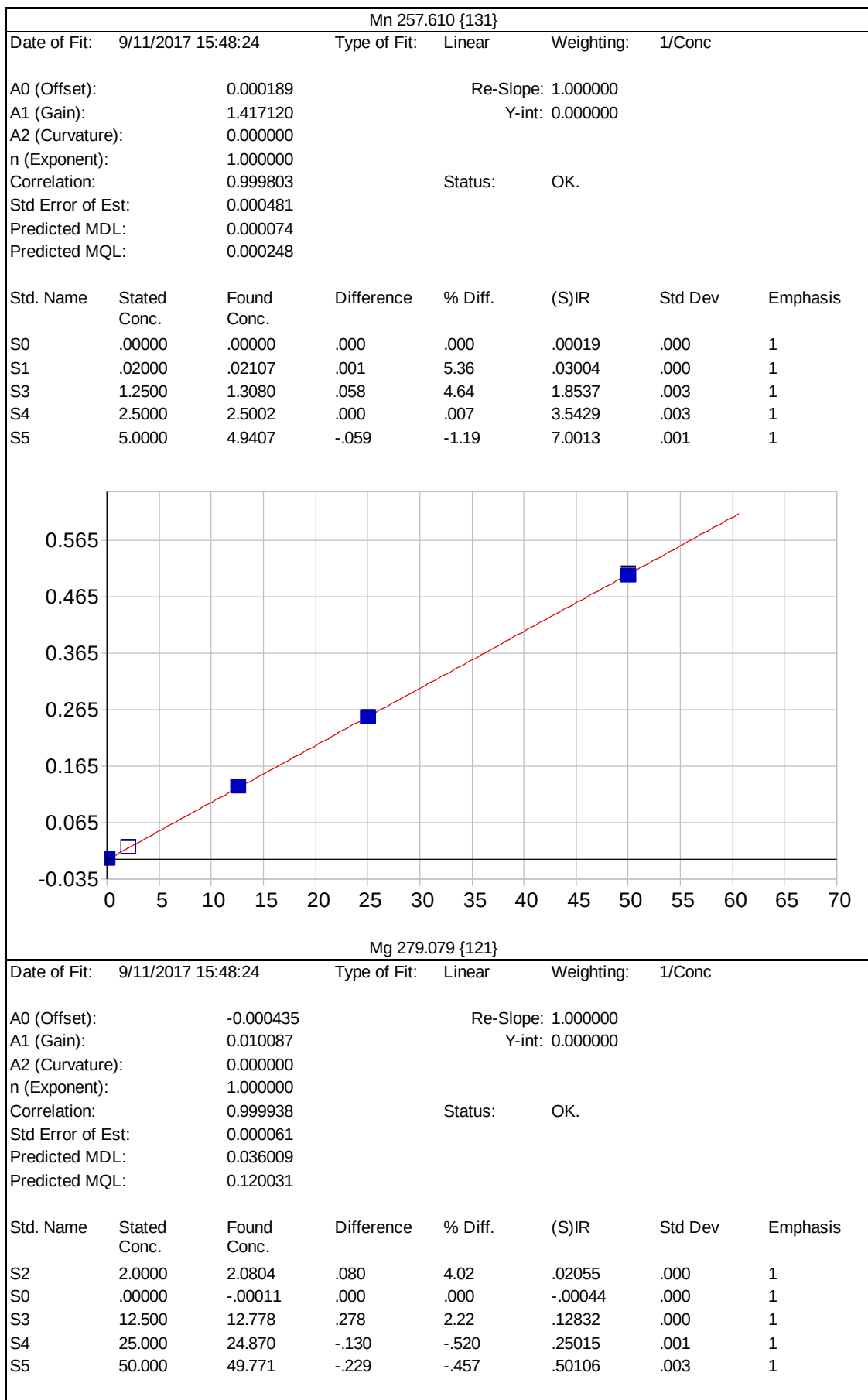
Std Error of Est: 0.000816

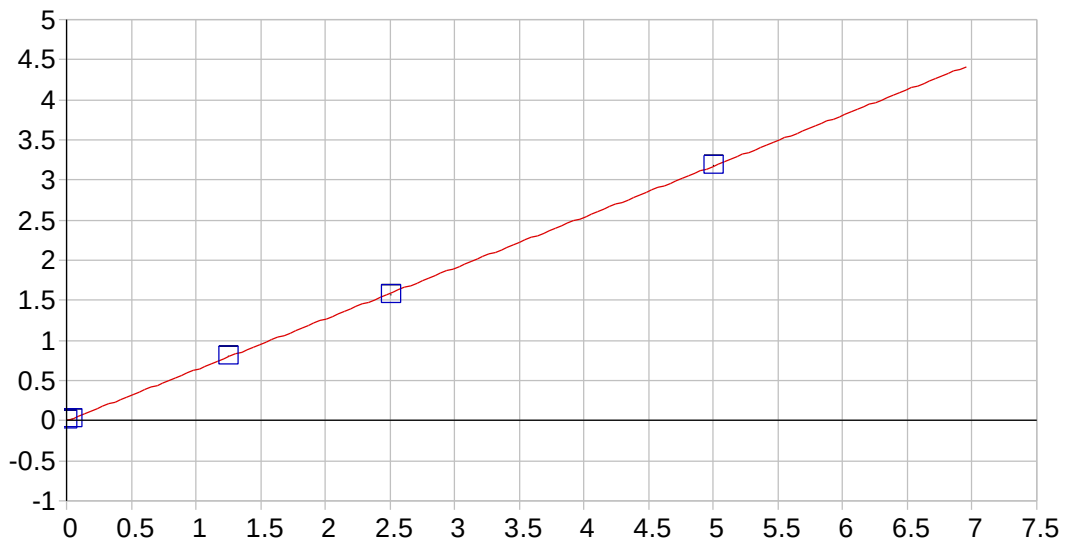
Predicted MDL: 0.008585

Predicted MQL: 0.028615

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .01272 | .000    | 1        |
| S1        | .10000       | .10002      | .000       | .016    | .18815 | .021    | 1        |
| S3        | 2.5000       | 2.5526      | .053       | 2.10    | 4.4870 | .114    | 1        |
| S4        | 5.0000       | 4.9773      | -.023      | -.455   | 8.7367 | .029    | 1        |
| S5        | 10.000       | 9.9701      | -.030      | -.299   | 17.488 | .180    | 1        |







Ni 231.604 {445}

Date of Fit: 9/11/2017 15:48:24

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000449

Re-Slope: 1.000000

A1 (Gain): 0.634998

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999968

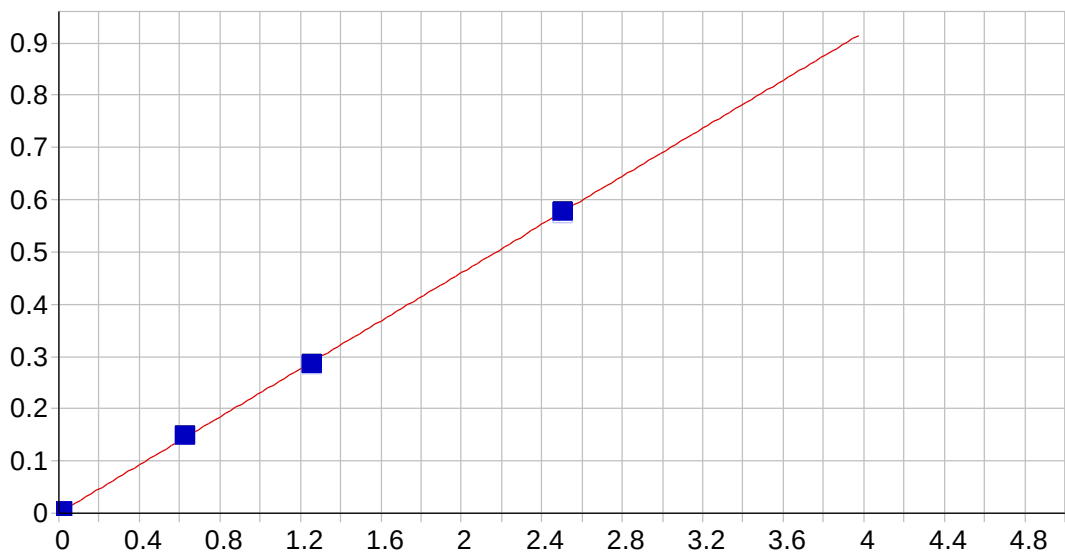
Status: OK.

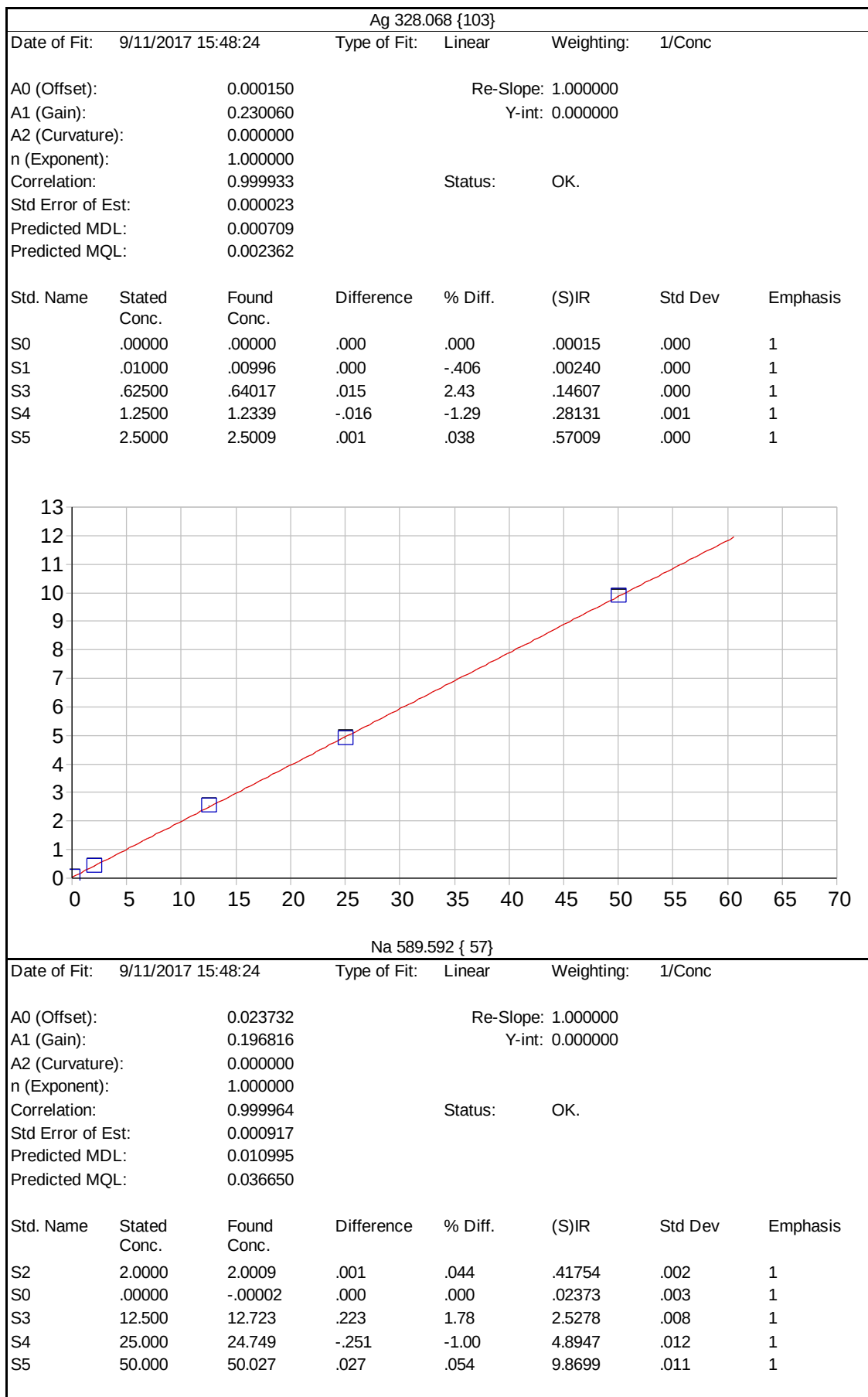
Std Error of Est: 0.000123

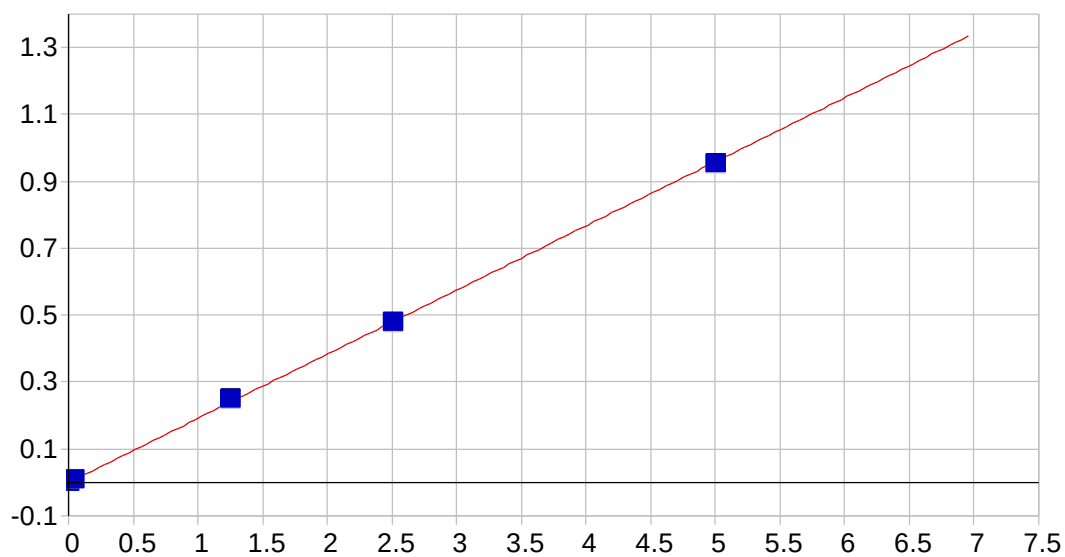
Predicted MDL: 0.000571

Predicted MQL: 0.001903

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00045 | .000    | 1        |
| S1        | .04000       | .03974      | .000       | -.656   | .02478  | .000    | 1        |
| S3        | 1.2500       | 1.2660      | .016       | 1.28    | .80346  | .004    | 1        |
| S4        | 2.5000       | 2.4715      | -.029      | -1.14   | 1.5689  | .002    | 1        |
| S5        | 5.0000       | 5.0128      | .013       | .256    | 3.1827  | .001    | 1        |





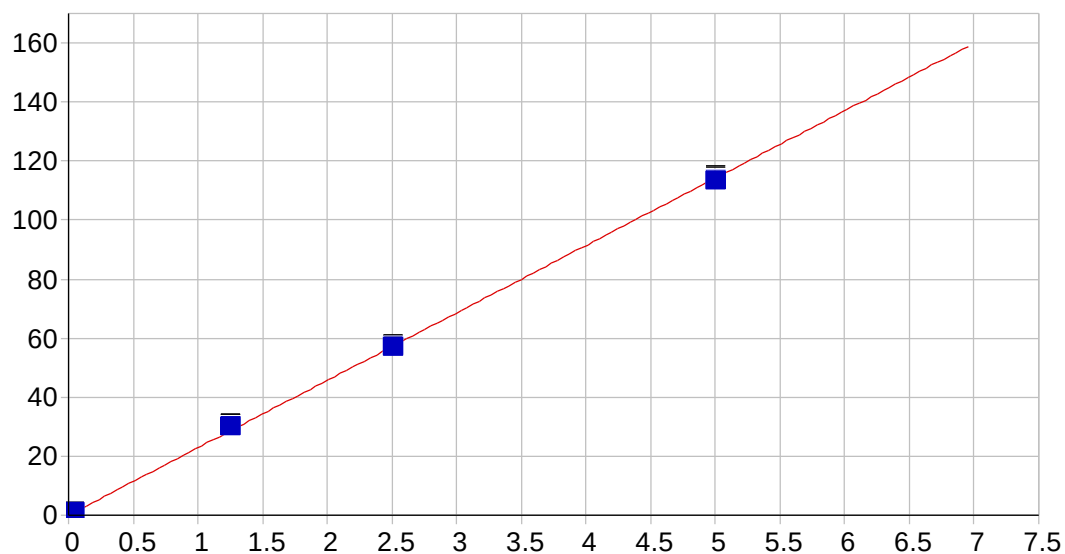


V 292.402 {115}

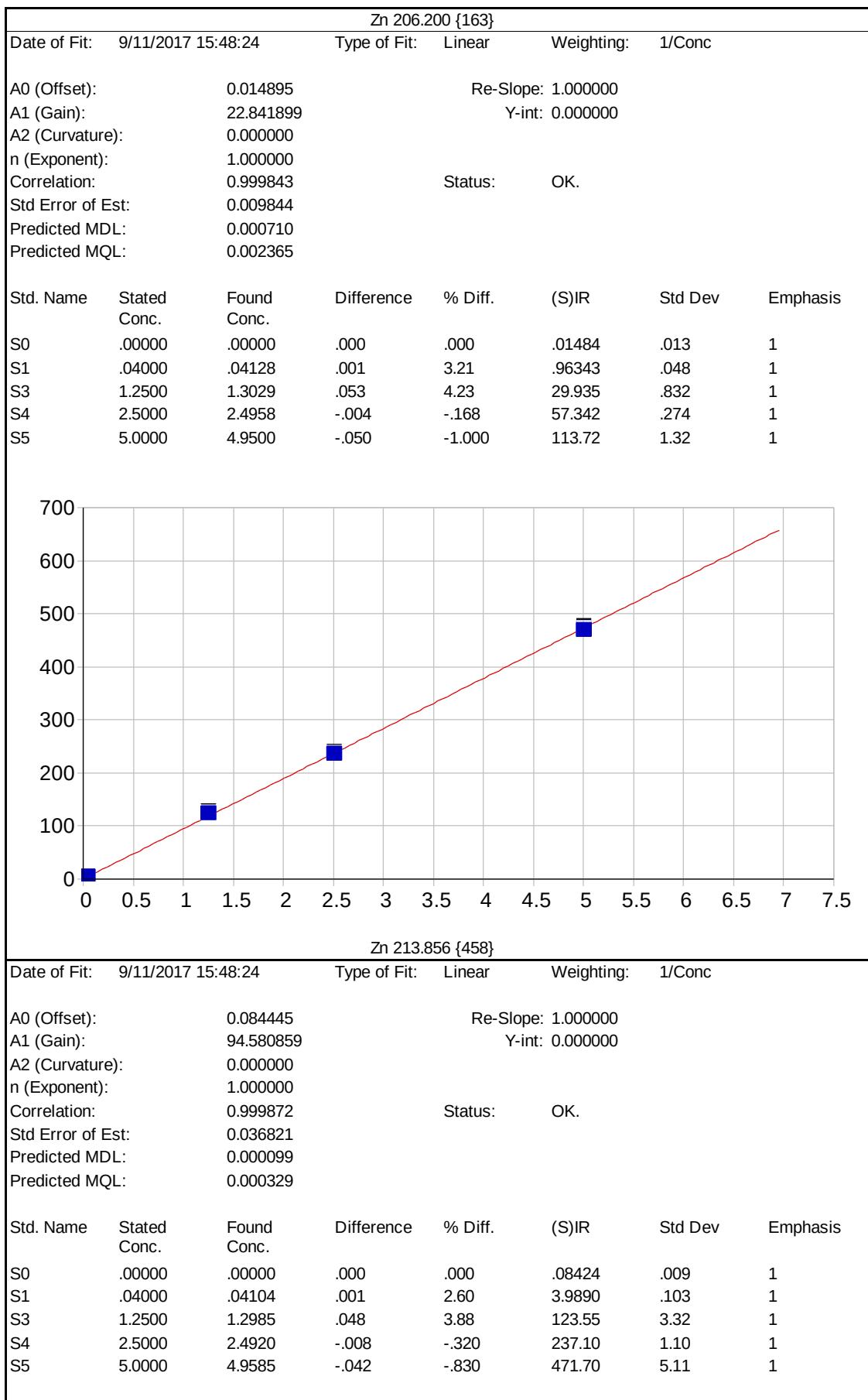
Date of Fit: 9/11/2017 15:48:24 Type of Fit: Linear Weighting: 1/Conc

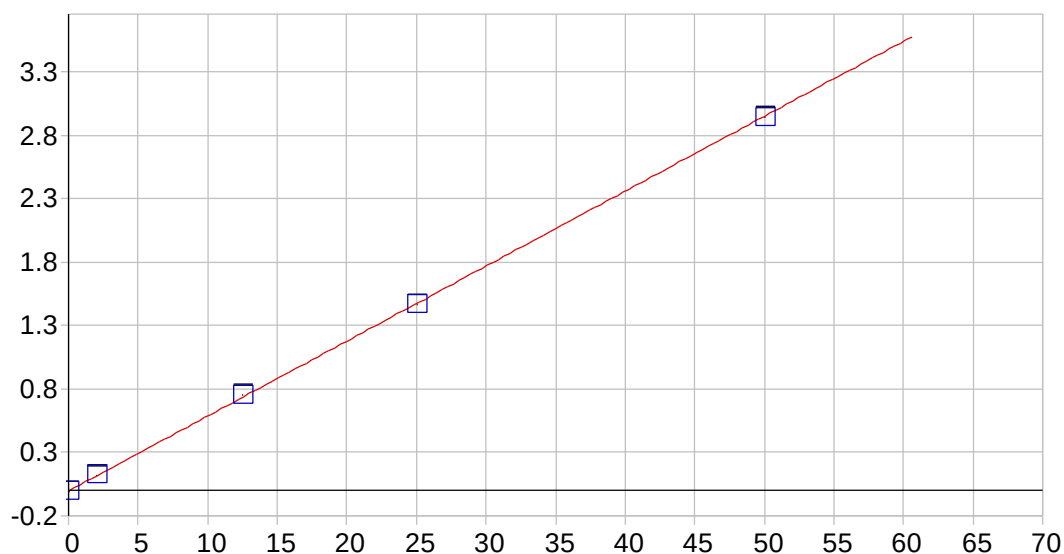
A0 (Offset): -0.000287 Re-Slope: 1.000000  
 A1 (Gain): 0.191777 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999911 Status: OK.  
 Std Error of Est: 0.000062  
 Predicted MDL: 0.000653  
 Predicted MQL: 0.002175

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00029 | .000    | 1        |
| S1        | .04000       | .03962      | .000       | -.946   | .00719  | .000    | 1        |
| S3        | 1.2500       | 1.2907      | .041       | 3.26    | .24570  | .000    | 1        |
| S4        | 2.5000       | 2.4872      | -.013      | -.512   | .47362  | .001    | 1        |
| S5        | 5.0000       | 4.9724      | -.028      | -.551   | .94714  | .001    | 1        |









K 766.490 { 44}

Date of Fit: 9/11/2017 15:48:24

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.004180

Re-Slope: 1.000000

A1 (Gain): 0.059054

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999931

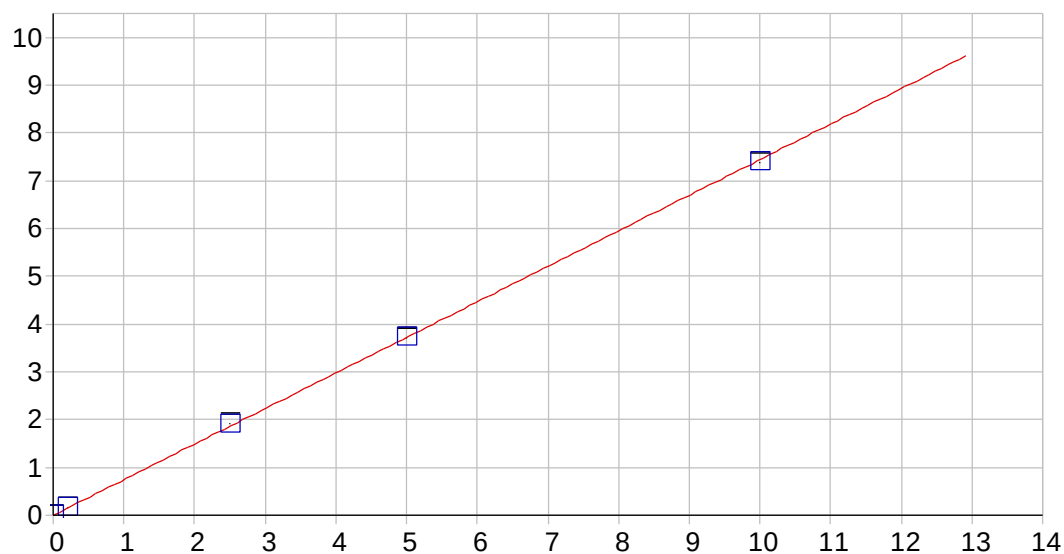
Status: OK.

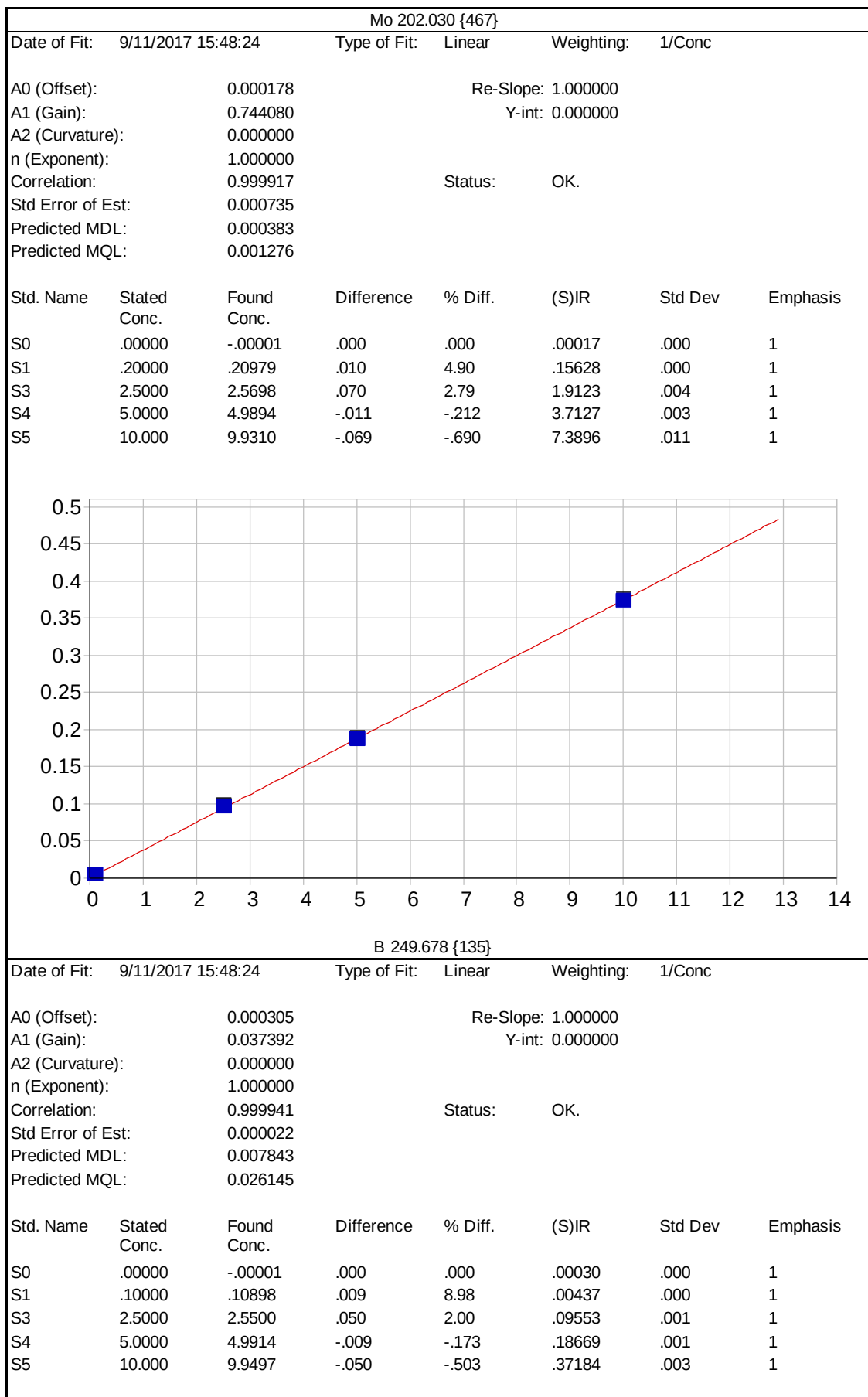
Std Error of Est: 0.000379

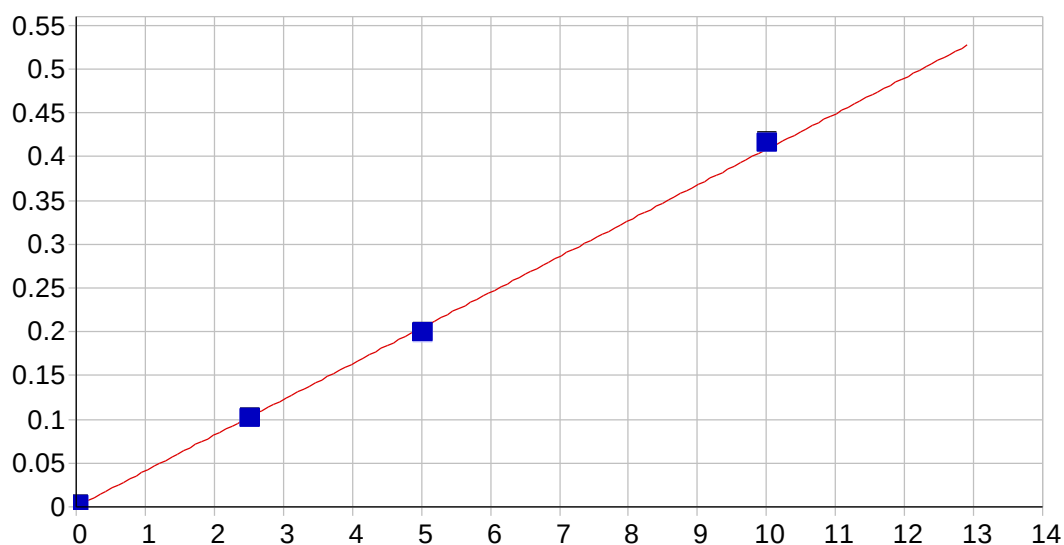
Predicted MDL: 0.039155

Predicted MQL: 0.130516

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S2        | 2.0000       | 2.0664      | .066       | 3.32    | .11785  | .002    | 1        |
| S0        | .00000       | -.00009     | .000       | .000    | -.00419 | .001    | 1        |
| S3        | 12.500       | 12.814      | .314       | 2.51    | .75253  | .003    | 1        |
| S4        | 25.000       | 24.793      | -.207      | -.826   | 1.4600  | .001    | 1        |
| S5        | 50.000       | 49.826      | -.174      | -.347   | 2.9383  | .007    | 1        |







S 182.034 {485}

Date of Fit: 9/11/2017 15:48:24

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000164

Re-Slope: 1.000000

A1 (Gain): 0.040824

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999763

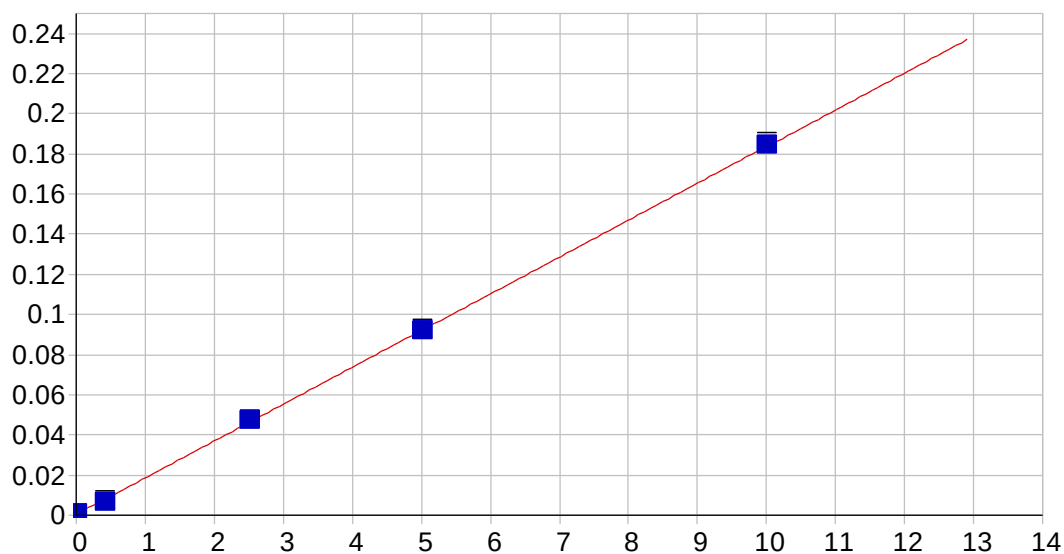
Status: OK.

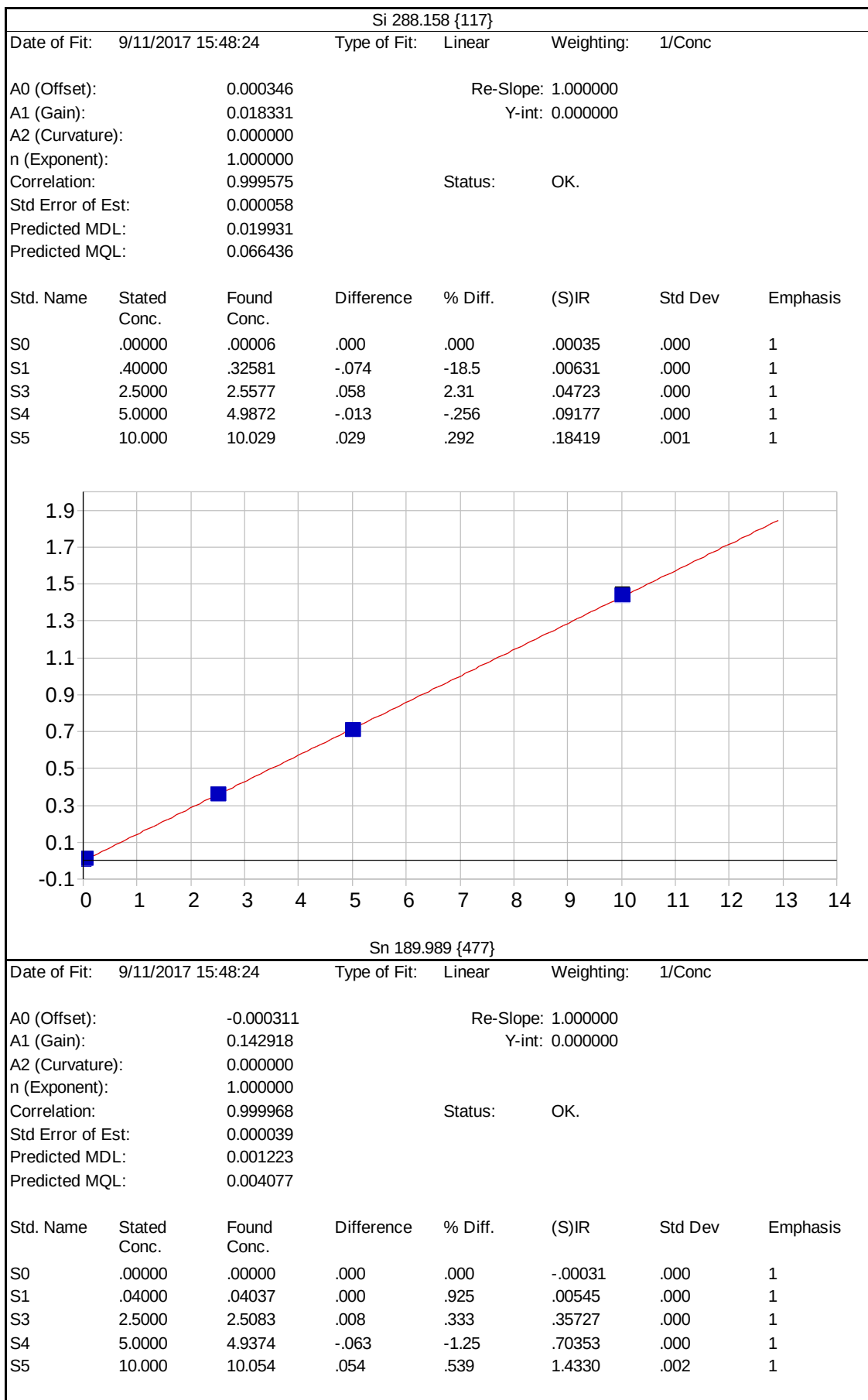
Std Error of Est: 0.000021

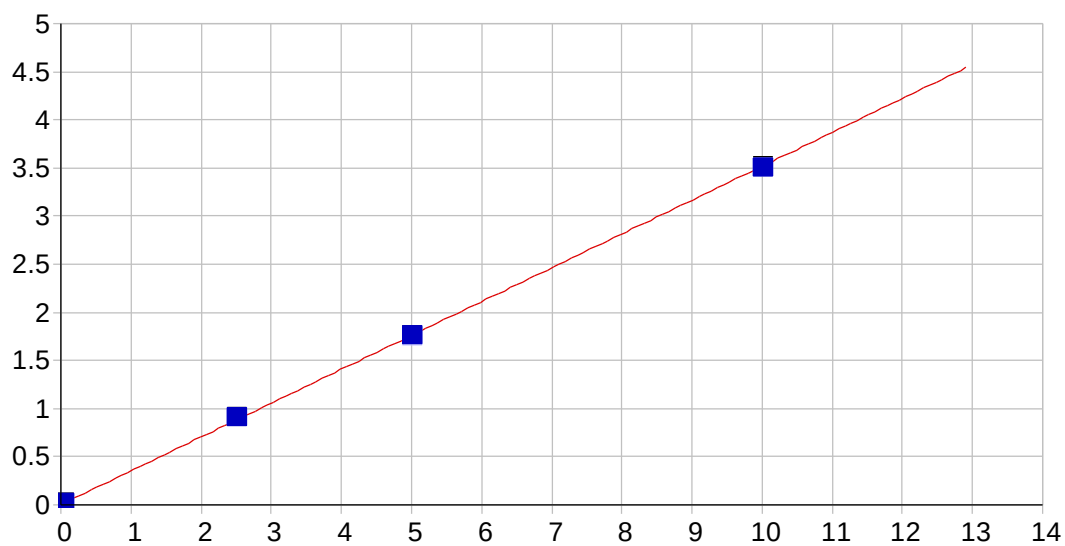
Predicted MDL: 0.004239

Predicted MQL: 0.014129

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00016 | .000    | 1        |
| S1        | .02000       | .02133      | .001       | 6.66    | .00101 | .000    | 1        |
| S3        | 2.5000       | 2.4616      | -.038      | -1.54   | .10045 | .000    | 1        |
| S4        | 5.0000       | 4.8544      | -.146      | -2.91   | .19793 | .000    | 1        |
| S5        | 10.000       | 10.183      | .183       | 1.83    | .41505 | .001    | 1        |





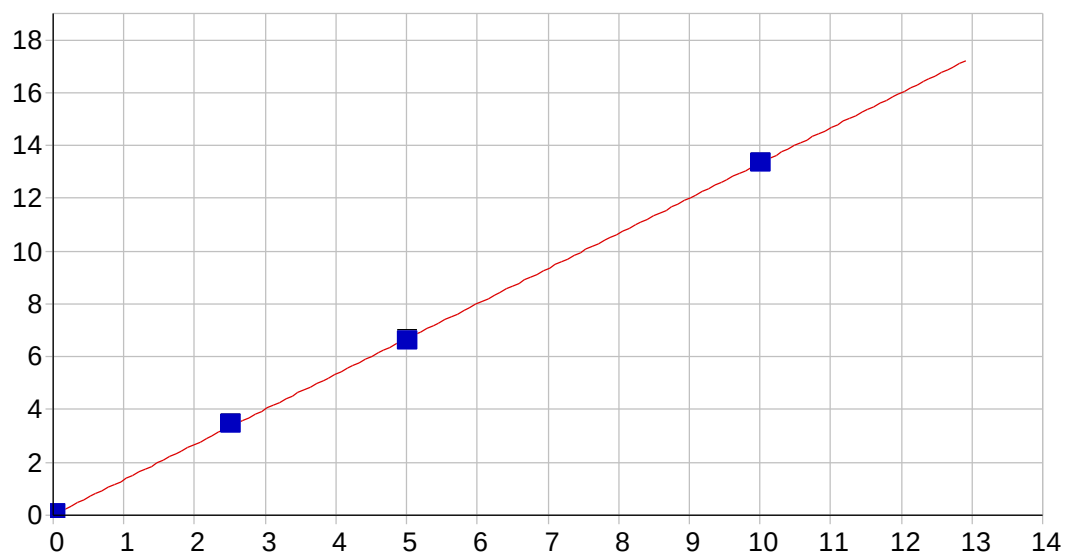


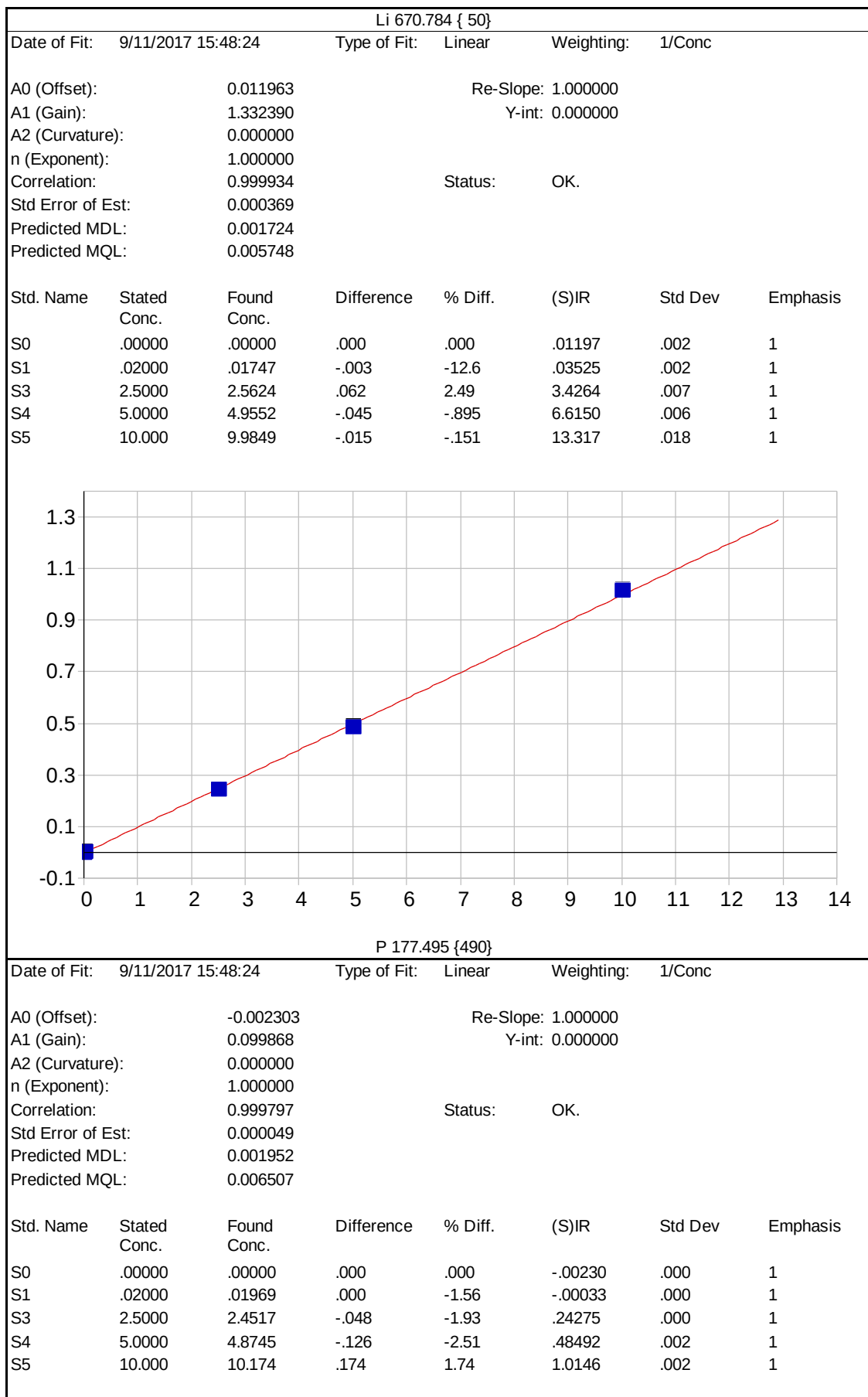
Ti 336.121 {100}

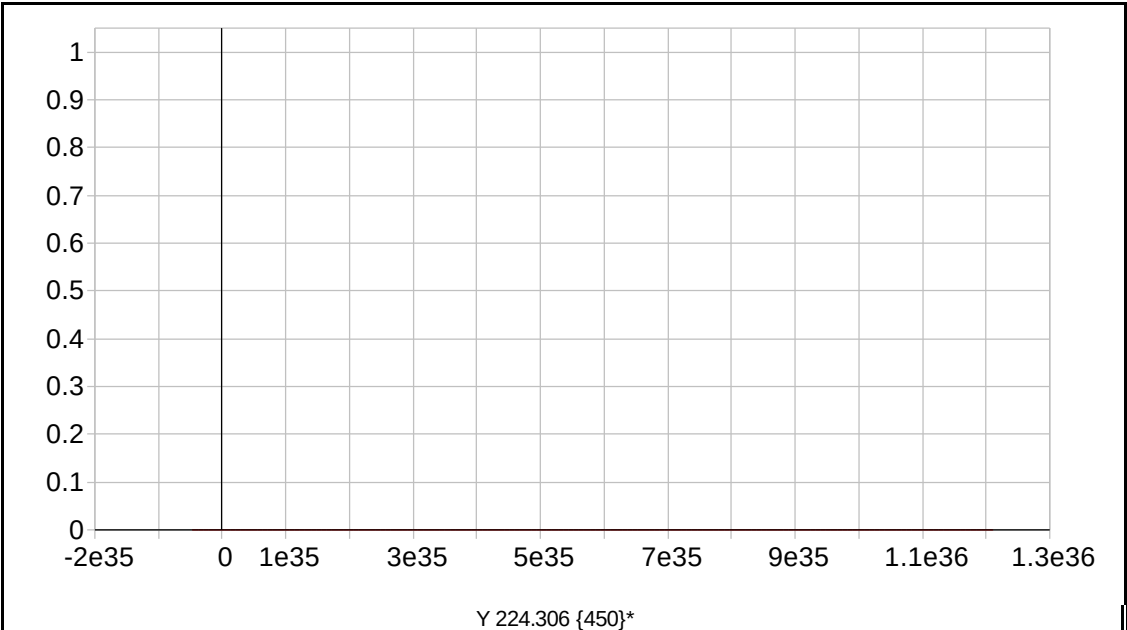
Date of Fit: 9/11/2017 15:48:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000938 Re-Slope: 1.000000  
 A1 (Gain): 0.351762 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999930 Status: OK.  
 Std Error of Est: 0.000143  
 Predicted MDL: 0.001613  
 Predicted MQL: 0.005376

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00094 | .000    | 1        |
| S1        | .04000       | .03911      | -.001      | -2.22   | .01468 | .000    | 1        |
| S3        | 2.5000       | 2.5724      | .072       | 2.90    | .90540 | .004    | 1        |
| S4        | 5.0000       | 4.9706      | -.029      | -.588   | 1.7486 | .007    | 1        |
| S5        | 10.000       | 9.9579      | -.042      | -.421   | 3.5021 | .009    | 1        |

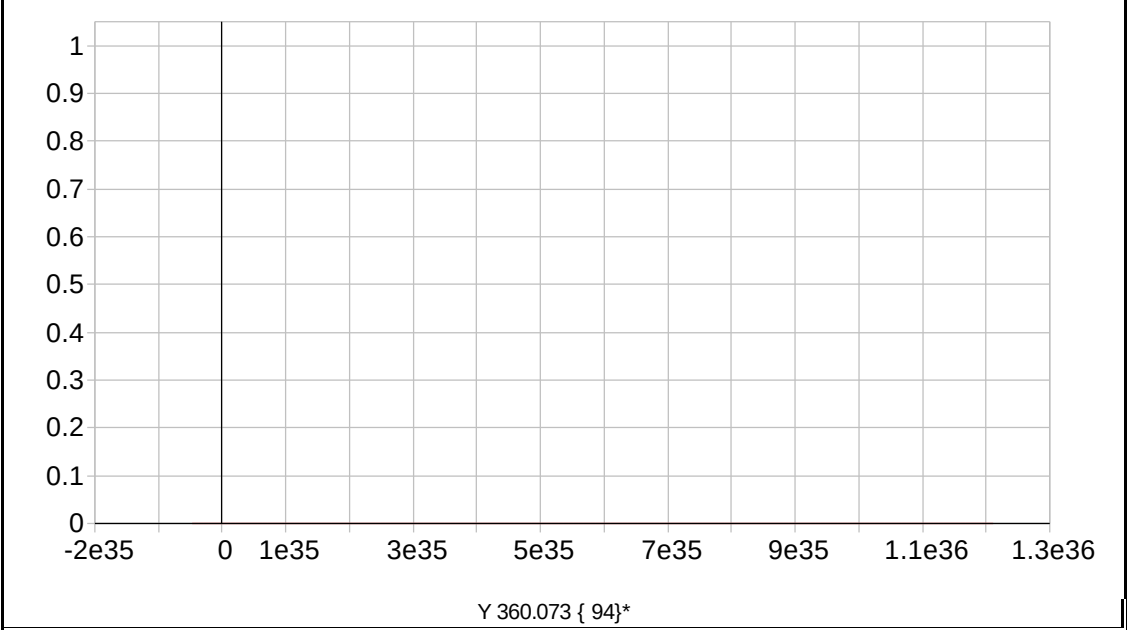






Y 224.306 {450}\*  
Date of Fit: <not fit>      Type of Fit: Linear      Weighting: 1/Conc  
A0 (Offset): 0.000000      Re-Slope: 1.000000  
A1 (Gain): 0.000000      Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.000000      Status: Warning      Zero Gain  
Std Error 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 |
|-----------|--------------|-------------|------------|---------|-------|---------|----------|
|-----------|--------------|-------------|------------|---------|-------|---------|----------|



Y 360.073 { 94}\*  
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



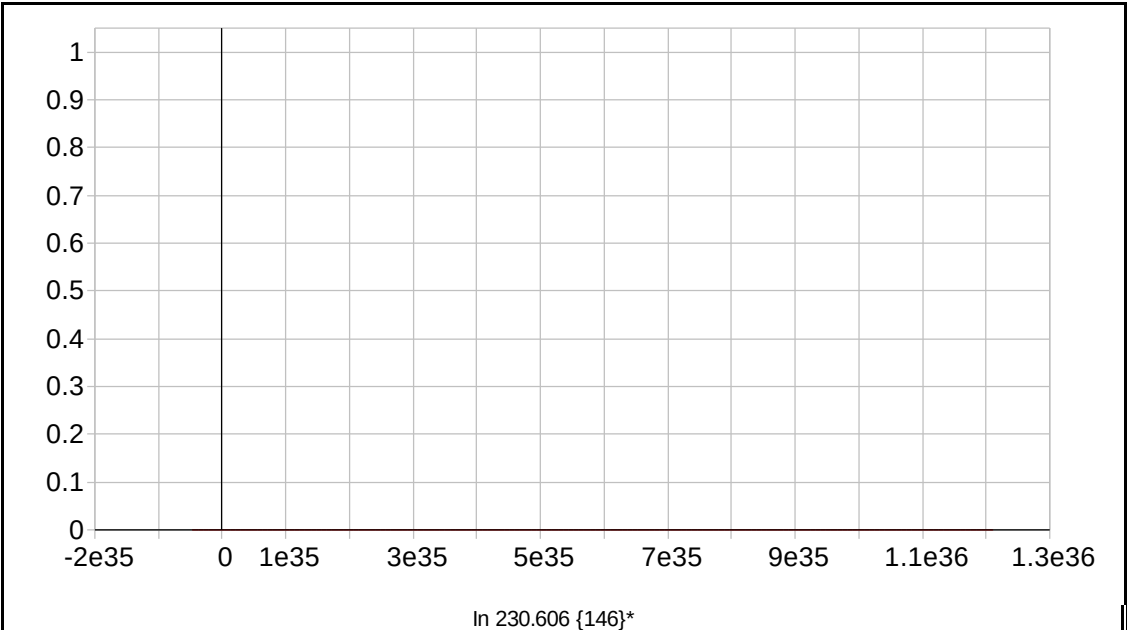
Status:      Warning      Zero Gain

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

Re-Slope: 1.000000  
Y-int: 0.000000

Status:      Warning      Zero Gain

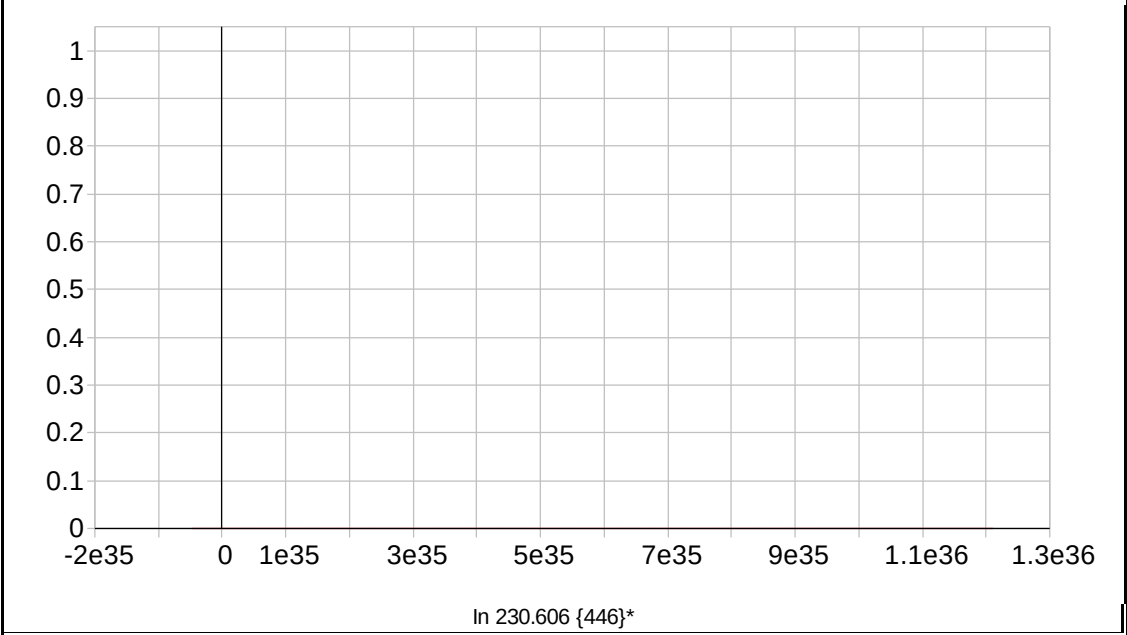
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|-------|---------|----------|
|-----------|--------------|-------------|------------|---------|-------|---------|----------|



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

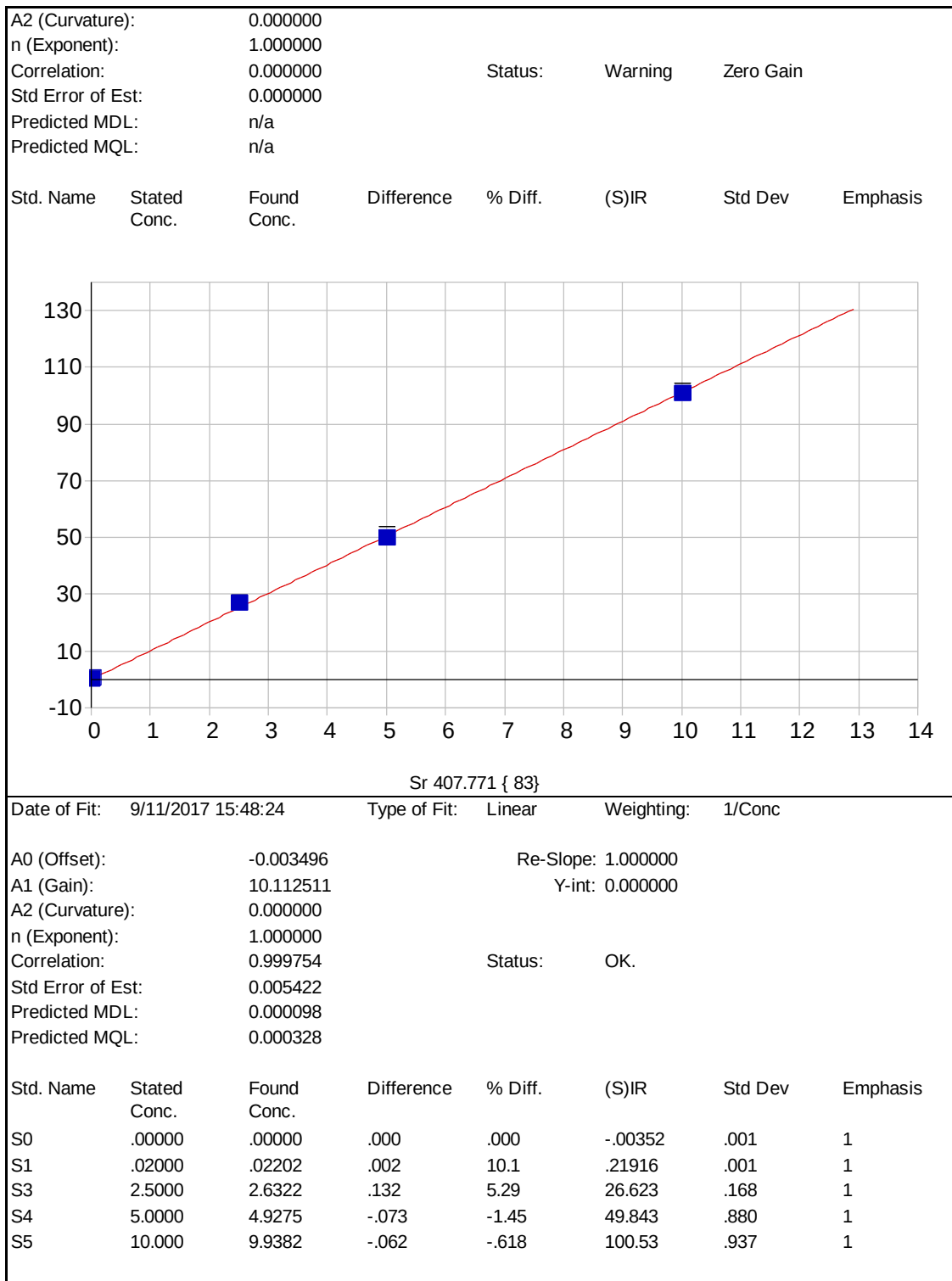
A0 (Offset): 0.000000      Re-Slope: 1.000000  
A1 (Gain): 0.000000      Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.000000      Status: Warning      Zero Gain  
Std Error of Est: 0.000000  
Predicted MDL: n/a  
Predicted MQL: n/a

| 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: 9/11/2017 10:44:35      Type: Cal  
Method: P4-ICP2(v1706)      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    | .00037 | .00003 | .00019 | .00066 | .00008 | .00009 | .02573 | .00011 |
| Stddev | .00016 | .00016 | .00001 | .00002 | .00010 | .00003 | .00005 | .00003 |
| %RSD   | 44.389 | 598.88 | 5.9516 | 3.6975 | 115.55 | 29.259 | .20651 | 23.760 |

|    |        |         |        |        |        |        |        |         |
|----|--------|---------|--------|--------|--------|--------|--------|---------|
| #1 | .00025 | -.00009 | .00018 | .00065 | .00015 | .00007 | .02577 | -.00009 |
| #2 | .00049 | .00014  | .00019 | .00068 | .00002 | .00011 | .02569 | -.00013 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .00066 | .00018 | .00013 | .00078 | .00056 | .01272 | .00019 | .00044 |
| Stddev | .00001 | .00005 | .00004 | .00005 | .00049 | .00029 | .00004 | .00034 |
| %RSD   | 2.1944 | 27.393 | 34.598 | 6.1749 | 86.893 | 2.2764 | 20.661 | 78.482 |

|    |         |        |        |        |        |        |        |         |
|----|---------|--------|--------|--------|--------|--------|--------|---------|
| #1 | -.00067 | .00022 | .00016 | .00082 | .00091 | .01293 | .00021 | -.00019 |
| #2 | -.00065 | .00015 | .00010 | .00075 | .00022 | .01252 | .00016 | -.00068 |

|        |        |        |        |         |        |         |        |         |
|--------|--------|--------|--------|---------|--------|---------|--------|---------|
| 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    | .00045 | .00015 | .02373 | .00029  | .08424 | .00419  | .00017 | .00030  |
| Stddev | .00005 | .00001 | .00292 | .00003  | .00924 | .00064  | .00005 | .00030  |
| %RSD   | 11.692 | 5.5740 | 12.299 | 8.9448  | 10.971 | 15.407  | 27.453 | 97.545  |

|    |         |        |        |         |        |         |        |        |
|----|---------|--------|--------|---------|--------|---------|--------|--------|
| #1 | -.00049 | .00016 | .02579 | -.00031 | .09078 | -.00373 | .00014 | .00051 |
| #2 | -.00041 | .00014 | .02167 | -.00027 | .07771 | -.00464 | .00020 | .00009 |

|        |         |        |        |        |        |         |        |  |
|--------|---------|--------|--------|--------|--------|---------|--------|--|
| 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    | .00016  | .00035 | .00031 | .00094 | .01197 | .0023   | .00352 |  |
| Stddev | .00000  | .00018 | .00004 | .00002 | .00192 | .0001   | .00066 |  |
| %RSD   | 2.1595  | 51.355 | 11.661 | 1.9272 | 16.081 | 5.658   | 18.745 |  |

|    |        |        |         |        |        |        |         |  |
|----|--------|--------|---------|--------|--------|--------|---------|--|
| #1 | .00016 | .00047 | -.00034 | .00093 | .01061 | -.0024 | -.00306 |  |
| #2 | .00017 | .00022 | -.00029 | .00095 | .01333 | -.0022 | -.00399 |  |

Sample Name: S0      Acquired: 9/11/2017 10:44:35      Type: Cal  
Method: P4-ICP2(v1706)      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       | 2772.9  | 41737.  | 3611.8  | 33.089 | 3184.2 |
| Stddev    | 6.5     | 181.    | 17.8    | .350   | 7.9    |
| %RSD      | .23300  | .43252  | .26960  | .37635 | .24775 |
| #1        | 2768.3  | 41609.  | 6624.4  | 92.841 | 3178.6 |
| #2        | 2777.5  | 41864.  | 6599.2  | 93.336 | 3189.8 |

Sample Name: S1      Acquired: 9/11/2017 10:48:40      Type: Cal  
Method: P4-ICP2(v1706)      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    | .00159 | .00536 | .00302 | .00223 | .00840 | .00137 | .46758 | .00533 | .02004 |
| Stddev | .00005 | .00010 | .00004 | .00008 | .00003 | .00012 | .00014 | .00000 | .00013 |
| %RSD   | 2.8781 | 1.8940 | 1.4384 | 3.5399 | .35675 | 8.9508 | .03013 | .04624 | .64430 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00156 | .00528 | .00305 | .00218 | .00842 | .00146 | .46768 | .00533 | .02013 |
| #2 | .00163 | .00543 | .00299 | .00229 | .00838 | .00129 | .46748 | .00532 | .01995 |

|        |        |        |        |        |        |        |        |         |        |
|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|
| 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    | .00224 | .03665 | .01578 | .18815 | .03004 | .02478 | .00240 | .00719  | 3.9890 |
| Stddev | .00002 | .00003 | .00004 | .02108 | .00001 | .00014 | .00008 | .00005  | .1030  |
| %RSD   | .98095 | .09047 | .25210 | 11.203 | .04856 | .55783 | 3.4891 | .67835  | 2.5829 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00226 | .03663 | .01575 | .17324 | .03003 | .02469 | .00246 | .00722 | 3.9161 |
| #2 | .00223 | .03668 | .01581 | .20305 | .03005 | .02488 | .00234 | .00715 | 4.0618 |

|        |        |         |         |        |        |        |        |         |        |
|--------|--------|---------|---------|--------|--------|--------|--------|---------|--------|
| 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    | .15628 | .00437  | .00101  | .00631 | .00545 | .01468 | .03525 | .0003   | .21916 |
| Stddev | .00033 | .00024  | .00009  | .00041 | .00015 | .00013 | .00181 | .0001   | .00060 |
| %RSD   | .21210 | 5.5039  | 8.7068  | 6.4599 | 2.8064 | .90399 | 5.1239 | 37.48   | .27600 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .15651 | .00454 | .00108 | .00660 | .00556 | .01459 | .03397 | -.0002 | .21959 |
| #2 | .15605 | .00420 | .00095 | .00602 | .00534 | .01478 | .03652 | -.0004 | .21873 |

|           |         |         |         |        |        |  |  |  |  |
|-----------|---------|---------|---------|--------|--------|--|--|--|--|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |  |  |  |  |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |  |  |  |  |
| Avg       | 2793.1  | 41898.  | 6642.9  | 92.161 | 3221.3 |  |  |  |  |
| Stddev    | 2.9     | 84.     | 13.7    | 2.279  | 1.0    |  |  |  |  |
| %RSD      | .10466  | .19939  | .20646  | 2.4726 | .03131 |  |  |  |  |

|    |        |        |        |        |        |  |  |  |  |
|----|--------|--------|--------|--------|--------|--|--|--|--|
| #1 | 2791.0 | 41839. | 6633.2 | 93.773 | 3222.0 |  |  |  |  |
| #2 | 2795.2 | 41957. | 6652.6 | 90.550 | 3220.6 |  |  |  |  |

Sample Name: S2      Acquired: 9/11/2017 10:52:51      Type: Cal  
Method: P4-ICP2(v1706)      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    | .11238 | .02055 | .41754 | .11785  |
| Stddev | .00012 | .00038 | .00178 | .00181  |
| %RSD   | .10572 | 1.8635 | .42683 | 1.5362  |

|    |        |        |        |        |
|----|--------|--------|--------|--------|
| #1 | .11246 | .02082 | .41880 | .11657 |
| #2 | .11230 | .02028 | .41628 | .11913 |

|           |         |
|-----------|---------|
| Int. Std. | Y_ 3710 |
| Units     | Cts/S   |
| Avg       | 3612.9  |
| Stddev    | 24.7    |
| %RSD      | .37309  |

|    |        |
|----|--------|
| #1 | 6595.5 |
| #2 | 6630.3 |

Sample Name: S3      Acquired: 9/11/2017 10:56:56      Type: Cal  
Method: P4-ICP2(v1706)      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    | .15299 | .35294 | .64365 | .20822 | .43334 | .06749 | .22.769 | .11677 | 4.3841 |
| Stddev | .00005 | .00126 | .00094 | .00032 | .00157 | .00016 | .065    | .00022 | .0100  |
| %RSD   | .03028 | .35834 | .14609 | .15417 | .36153 | .23903 | .28683  | .19201 | .22845 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .15303 | .35205 | .64299 | .20845 | .43444 | .06761 | 22.815 | .11662 | 4.3770 |
| #2 | .15296 | .35384 | .64432 | .20799 | .43223 | .06738 | 22.723 | .11693 | 4.3912 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .66163 | .10804 | 1.5370 | .46864 | 4.4870 | 1.8537 | .12832 | .80346 | .14607 |
| Stddev | .00032 | .00045 | .0044  | .00231 | .1141  | .0032  | .00009 | .00360 | .00003 |
| %RSD   | .04765 | .41258 | .28841 | .49327 | 2.5420 | .17050 | .07140 | .44769 | .02215 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .66186 | .10835 | 1.5338 | .47028 | 4.4064 | 1.8559 | .12838 | .80092 | .14605 |
| #2 | .66141 | .10772 | 1.5401 | .46701 | 4.5677 | 1.8514 | .12826 | .80600 | .14609 |

|        |        |         |        |         |        |         |         |        |        |
|--------|--------|---------|--------|---------|--------|---------|---------|--------|--------|
| 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    | 2.5278 | .24570  | 123.55 | .75253  | 1.9123 | .09553  | .10045  | .04723 | .35727 |
| Stddev | .0083  | .00049  | 3.32   | .00254  | .0037  | .00122  | .00018  | .00016 | .00029 |
| %RSD   | .32813 | .19989  | 2.6874 | .33789  | .19443 | 1.2798  | .18026  | .34794 | .08169 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.5337 | .24605 | 121.20 | .75433 | 1.9150 | .09639 | .10058 | .04735 | .35707 |
| #2 | 2.5220 | .24536 | 125.90 | .75073 | 1.9097 | .09466 | .10033 | .04712 | .35748 |

|        |        |        |         |        |
|--------|--------|--------|---------|--------|
| Elem   | Ti3361 | Li6707 | P_ 1774 | Sr4077 |
| Units  | Cts/S  | Cts/S  | Cts/S   | Cts/S  |
| Avg    | .90540 | 3.4264 | .2428   | 26.623 |
| Stddev | .00356 | .0073  | .0002   | .168   |
| %RSD   | .39328 | .21208 | .0643   | .63250 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .90792 | 3.4315 | .2426 | 26.743 |
| #2 | .90288 | 3.4213 | .2429 | 26.504 |



Sample Name: S3      Acquired: 9/11/2017 10:56:56      Type: Cal  
Method: P4-ICP2(v1706)      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       | 2758.4  | 40485.  | 3597.2  | 39.967 | 3102.0 |
| Stddev    | 15.2    | 2.      | 17.1    | 2.050  | 6.2    |
| %RSD      | .55254  | .00431  | .25892  | 2.2790 | .20049 |
| #1        | 2747.6  | 40486.  | 6585.1  | 91.417 | 3097.6 |
| #2        | 2769.2  | 40483.  | 6609.3  | 88.517 | 3106.4 |

Sample Name: S4      Acquired: 9/11/2017 11:00:53      Type: Cal  
Method: P4-ICP2(v1706)      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    | .29755 | .68838 | 1.2587 | .40215 | .84370 | .13027 | 13.681 | .22427 | 3.5621 |
| Stddev | .00171 | .00266 | .0010  | .00201 | .00308 | .00055 | .625   | .00051 | .0059  |
| %RSD   | .57505 | .38661 | .07819 | .49905 | .36561 | .42206 | 1.4300 | .22557 | .06928 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .29876 | .69026 | 1.2580 | .40356 | .84589 | .12988 | 44.123 | .22463 | 8.5579 |
| #2 | .29634 | .68650 | 1.2594 | .40073 | .84152 | .13066 | 43.239 | .22391 | 8.5663 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 1.2713 | .20675 | 3.0018 | .90230 | 3.7367 | 3.5429 | .25015 | 1.5689 | .28131 |
| Stddev | .0004  | .00021 | .0002  | .00161 | .0293  | .0030  | .00056 | .0017  | .00076 |
| %RSD   | .02980 | .09921 | .00650 | .17864 | .33568 | .08567 | .22502 | .10726 | .27059 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.2710 | .20690 | 3.0017 | .90344 | 8.7575 | 3.5451 | .25055 | 1.5677 | .28185 |
| #2 | 1.2715 | .20661 | 3.0019 | .90116 | 8.7160 | 3.5408 | .24976 | 1.5701 | .28077 |

|        |        |         |        |         |        |         |         |        |        |
|--------|--------|---------|--------|---------|--------|---------|---------|--------|--------|
| 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    | 4.8947 | .47362  | 237.10 | 1.4600  | 3.7127 | .18669  | .19793  | .09177 | .70353 |
| Stddev | .0118  | .00127  | 1.10   | .0010   | .0034  | .00052  | .00023  | .00040 | .00004 |
| %RSD   | .24027 | .26776  | .46554 | .06920  | .09043 | .27681  | .11846  | .44088 | .00599 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 4.9031 | .47452 | 237.88 | 1.4607 | 3.7151 | .18706 | .19810 | .09148 | .70356 |
| #2 | 4.8864 | .47272 | 236.32 | 1.4593 | 3.7103 | .18633 | .19777 | .09205 | .70350 |

|        |        |        |         |        |
|--------|--------|--------|---------|--------|
| Elem   | Ti3361 | Li6707 | P_ 1774 | Sr4077 |
| Units  | Cts/S  | Cts/S  | Cts/S   | Cts/S  |
| Avg    | 1.7486 | 6.6150 | .4849   | 49.843 |
| Stddev | .0067  | .0061  | .0016   | .880   |
| %RSD   | .38198 | .09232 | .3219   | 1.7648 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 1.7533 | 6.6193 | .4860 | 50.465 |
| #2 | 1.7439 | 6.6107 | .4838 | 49.221 |

Sample Name: S4      Acquired: 9/11/2017 11:00:53      Type: Cal  
Method: P4-ICP2(v1706)      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       | 2721.0  | 40068.  | 3556.1  | 39.096 | 3006.2 |
| Stddev    | 12.1    | 121.    | 52.3    | .547   | 7.8    |
| %RSD      | .44344  | .30302  | .79832  | .61397 | .26006 |
| #1        | 2712.5  | 39982.  | 6519.1  | 88.709 | 3000.7 |
| #2        | 2729.6  | 40154.  | 6593.1  | 89.483 | 3011.8 |

Sample Name: S5      Acquired: 9/11/2017 11:04:56      Type: Cal  
Method: P4-ICP2(v1706)      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    | .59816 | 1.3877 | 2.5615 | .80562 | 1.6986 | .26436 | 37.760 | .45036 | 17.436 |
| Stddev | .00037 | .0002  | .0045  | .00129 | .0011  | .00173 | .596   | .00070 | .023   |
| %RSD   | .06160 | .01289 | .17531 | .16057 | .06321 | .65618 | .67878 | .15478 | .13128 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .59790 | 1.3876 | 2.5583 | .80654 | 1.6978 | .26313 | 88.182 | .45085 | 17.419 |
| #2 | .59842 | 1.3878 | 2.5646 | .80471 | 1.6993 | .26559 | 87.339 | .44987 | 17.452 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 2.5264 | .41399 | 3.1216 | 1.7830 | 17.488 | 7.0013 | .50106 | 3.1827 | .57009 |
| Stddev | .0127  | .00167 | .0081  | .0013  | .180   | .0011  | .00315 | .0011  | .00011 |
| %RSD   | .50102 | .40422 | .13280 | .07030 | 1.0316 | .01511 | .62885 | .03467 | .01905 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.5353 | .41281 | 6.1158 | 1.7822 | 17.616 | 7.0005 | .50329 | 3.1819 | .57001 |
| #2 | 2.5174 | .41517 | 6.1273 | 1.7839 | 17.361 | 7.0020 | .49883 | 3.1834 | .57016 |

|        |        |         |        |         |        |         |         |        |        |
|--------|--------|---------|--------|---------|--------|---------|---------|--------|--------|
| 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    | 3.8699 | .94714  | 471.70 | 2.9383  | 7.3896 | .37184  | .41505  | .18419 | 1.4330 |
| Stddev | .0113  | .00064  | 5.11   | .0066   | .0108  | .00251  | .00056  | .00115 | .0025  |
| %RSD   | .11462 | .06713  | 1.0831 | .22393  | .14675 | .67419  | .13502  | .62269 | .17397 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 9.8779 | .94669 | 475.31 | 2.9429 | 7.3820 | .37362 | .41466 | .18338 | 1.4312 |
| #2 | 9.8619 | .94759 | 468.09 | 2.9336 | 7.3973 | .37007 | .41545 | .18500 | 1.4347 |

|        |        |        |         |        |
|--------|--------|--------|---------|--------|
| Elem   | Ti3361 | Li6707 | P_ 1774 | Sr4077 |
| Units  | Cts/S  | Cts/S  | Cts/S   | Cts/S  |
| Avg    | 3.5021 | 13.317 | 1.015   | 100.53 |
| Stddev | .0093  | .018   | .002    | .94    |
| %RSD   | .26453 | .13403 | .1610   | .93167 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 3.5087 | 13.330 | 1.013 | 101.19 |
| #2 | 3.4956 | 13.305 | 1.016 | 99.868 |

Sample Name: S5      Acquired: 9/11/2017 11:04:56      Type: Cal  
Method: P4-ICP2(v1706)      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       | 2671.2  | 39301.  | 5482.3  | 37.008 | 2857.4 |
| Stddev    | 6.5     | 46.     | 54.6    | .806   | 7.7    |
| %RSD      | .24300  | .11763  | .84236  | .92689 | .26999 |
| #1        | 2675.8  | 39268.  | 6443.7  | 86.438 | 2862.8 |
| #2        | 2666.6  | 39334.  | 6520.9  | 87.579 | 2851.9 |

Sample Name: ICV01      Acquired: 9/11/2017 11:45:49      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: ICV01      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |         |          |        |        |
|--------|--------|--------|--------|---------|----------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960  | Sb2068   | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm      | ppm    | ppm    |
| Avg    | .98560 | 1.0045 | .97131 | .98058  | .96849   | 2.4615 | .50411 |
| Stddev | .00231 | .0016  | .00015 | .00047  | .00117   | .0319  | .00122 |
| %RSD   | .23485 | .15522 | .01570 | .04818  | .12098   | 1.2967 | .24230 |
| #1     | .98396 | 1.0034 | .97120 | .98025  | .96932   | 2.4841 | .50497 |
| #2     | .98724 | 1.0056 | .97142 | .98092  | .96766   | 2.4389 | .50324 |
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677  | Co2286   | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm      | ppm    | ppm    |
| Avg    | .47964 | .47913 | 10.053 | .49360  | .48386   | .50876 | 4.9764 |
| Stddev | .00245 | .00007 | .027   | .00101  | .00046   | .00011 | .0359  |
| %RSD   | .51141 | .01510 | .27134 | .20552  | .09562   | .02120 | .72185 |
| #1     | .47791 | .47919 | 10.033 | .49289  | .48419   | .50884 | 5.0018 |
| #2     | .48138 | .47908 | 10.072 | .49432  | .48353   | .50869 | 4.9510 |
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280  | Na5895   | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm      | ppm    | ppm    |
| Avg    | .50613 | 5.9576 | .48686 | .50055  | 9.8528   | .49536 | 1.0232 |
| Stddev | .00069 | .0229  | .00139 | .00116  | .0037    | .00100 | .0068  |
| %RSD   | .13688 | .38425 | .28598 | .23241  | .03792   | .20091 | .66408 |
| #1     | .50564 | 5.9738 | .48587 | .49972  | 9.8501   | .49466 | 1.0184 |
| #2     | .50662 | 5.9414 | .48784 | .50137  | 9.8554   | .49606 | 1.0280 |
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820  | Si2881   | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm      | ppm    | ppm    |
| Avg    | 9.9849 | 2.5148 | 2.4770 | F.00075 | F.2.2447 | 2.4118 | 2.5326 |
| Stddev | .0323  | .0015  | .0013  | .00007  | .0115    | .0029  | .0116  |
| %RSD   | .32361 | .05985 | .05200 | 8.6299  | .51158   | .11888 | .45893 |
| #1     | 10.008 | 2.5138 | 2.4761 | .00071  | 2.2529   | 2.4098 | 2.5408 |
| #2     | 9.9621 | 2.5159 | 2.4779 | .00080  | 2.2366   | 2.4138 | 2.5244 |

Sample Name: ICV01      Acquired: 9/11/2017 11:45:49      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: ICV01      Custom ID2:      Custom ID3:  
 Comment:

|        |          |         |          |
|--------|----------|---------|----------|
| Elem   | Li6707   | P_1774  | Sr4077   |
| Units  | ppm      | ppm     | ppm      |
| Avg    | F .00610 | F .0012 | F .01123 |
| Stddev | .00118   | .0004   | .00007   |
| %RSD   | 19.342   | 31.19   | .62665   |

|    |         |        |        |
|----|---------|--------|--------|
| #1 | -.00693 | -.0009 | .01118 |
| #2 | -.00526 | -.0015 | .01128 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2744.9  | 40338.  | 3468.6  | 37.900 | 3132.0 |
| Stddev    | 5.2     | 20.     | 16.0    | .408   | 13.0   |
| %RSD      | .18946  | .04899  | .24772  | .46443 | .41410 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2741.3 | 40324. | 6479.9 | 88.189 | 3122.8 |
| #2 | 2748.6 | 40352. | 6457.2 | 87.611 | 3141.2 |

Sample Name: LLICV01      Acquired: 9/11/2017 11:49:41      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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    | .02130 | .03810 | .01246 | .01742 | .05038 | .09792 | .10211 | .00613 | .00611 |
| Stddev | .00065 | .00089 | .00021 | .00022 | .00077 | .00378 | .00058 | .00007 | .00001 |
| %RSD   | 3.0567 | 2.3242 | 1.6792 | 1.2425 | 1.5324 | 3.8605 | .57045 | 1.1974 | .10552 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .02176 | .03873 | .01231 | .01727 | .05092 | .09525 | .10170 | .00619 | .00610 |
| #2 | .02084 | .03748 | .01261 | .01758 | .04983 | .10060 | .10252 | .00608 | .00611 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.0401 | .01049 | .02959 | .02061 | .10206 | .02125 | 2.0728 | .04014 | .00997 |
| Stddev | .0064  | .00012 | .00001 | .00043 | .00993 | .00000 | .0931  | .00019 | .00035 |
| %RSD   | .31188 | 1.1032 | .02022 | 2.0731 | 9.7286 | .01586 | 4.4922 | .46165 | 3.4787 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.0356 | .01040 | .02959 | .02091 | .09504 | .02125 | 2.0070 | .04001 | .00973 |
| #2 | 2.0446 | .01057 | .02959 | .02031 | .10908 | .02125 | 2.1387 | .04027 | .01022 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 1.9414 | .03950 | .04192 | 2.0266 | .21139 | .10923 | .01673 | .36069 | .04056 |
| Stddev | .0072  | .00001 | .00034 | .0039  | .00061 | .01008 | .00226 | .00180 | .00149 |
| %RSD   | .37241 | .02588 | .81304 | .19308 | .28854 | 9.2278 | 13.511 | .49812 | 3.6767 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.9363 | .03951 | .04168 | 2.0293 | .21182 | .11636 | .01832 | .36196 | .04161 |
| #2 | 1.9465 | .03949 | .04216 | 2.0238 | .21096 | .10210 | .01513 | .35942 | .03950 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | .04198 | .01472 | .0208  | .02318 |
| Stddev | .00121 | .00016 | .0002  | .00005 |
| %RSD   | 2.8886 | 1.1140 | .7969  | .22191 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .04112 | .01484 | .0207 | .02322 |
| #2 | .04284 | .01461 | .0209 | .02315 |



Sample Name: LLICV01      Acquired: 9/11/2017 11:49:41      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      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       | 2783.2 | 40845. | 3486.8 | 39.055 | 3204.3 |
| Stddev    | 8.2    | 169.   | 3.2    | .354   | 5.5    |
| %RSD      | .29395 | .41397 | .05004 | .39701 | .17152 |
| #1        | 2777.4 | 40725. | 6489.1 | 89.305 | 3200.4 |
| #2        | 2789.0 | 40964. | 6484.5 | 88.805 | 3208.2 |

Sample Name: ICB01      Acquired: 9/11/2017 11:53:49      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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    | .00251 | .00133 | .00047 | .00234 | .00038 | .00493 | .00039 | .00004 |
| Stddev | .00181 | .00158 | .00007 | .00124 | .00058 | .00451 | .00031 | .00005 |
| %RSD   | 72.047 | 118.90 | 14.782 | 52.873 | 154.26 | 91.431 | 80.293 | 112.13 |

|    |         |         |         |         |         |         |        |         |
|----|---------|---------|---------|---------|---------|---------|--------|---------|
| #1 | -.00378 | -.00021 | -.00052 | -.00147 | .00003  | -.00812 | .00061 | -.00001 |
| #2 | -.00123 | -.00245 | -.00042 | -.00322 | -.00079 | -.00174 | .00017 | -.00007 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00011 | .01020 | .00001 | .00007 | .00015 | .00040 | .00005 | .01665 |
| Stddev | .00001 | .01415 | .00045 | .00009 | .00088 | .00144 | .00003 | .03738 |
| %RSD   | 11.297 | 138.70 | 3269.7 | 127.57 | 588.28 | 363.71 | 63.087 | 224.48 |

|    |        |        |         |         |         |         |         |         |
|----|--------|--------|---------|---------|---------|---------|---------|---------|
| #1 | .00010 | .00020 | .00033  | -.00001 | .00047  | .00142  | -.00008 | -.00978 |
| #2 | .00012 | .02021 | -.00031 | -.00013 | -.00077 | -.00062 | -.00003 | .04308  |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00021 | .00002 | .08116 | .00043 | .00006 | .03314 | .00056 | .00530 |
| Stddev | .00030 | .00078 | .00447 | .00032 | .00011 | .00986 | .00003 | .00782 |
| %RSD   | 144.05 | 3320.2 | 5.5031 | 75.164 | 174.05 | 29.749 | 5.5483 | 147.50 |

|    |        |         |         |         |         |         |        |         |
|----|--------|---------|---------|---------|---------|---------|--------|---------|
| #1 | .00000 | .00053  | -.07800 | -.00020 | .00001  | -.02617 | .00058 | .01083  |
| #2 | .00042 | -.00058 | -.08431 | -.00065 | -.00014 | -.04012 | .00054 | -.00023 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .00172 | .01285 | .00077 | .00020 | .00734 | .0003  | .00007 |  |
| Stddev | .00213 | .01503 | .00045 | .00051 | .00021 | .0012  | .00006 |  |
| %RSD   | 123.29 | 116.98 | 58.071 | 259.13 | 2.8137 | 395.9  | 85.231 |  |

|    |         |         |        |         |         |        |         |  |
|----|---------|---------|--------|---------|---------|--------|---------|--|
| #1 | -.00022 | -.02348 | .00046 | .00016  | -.00749 | -.0005 | -.00011 |  |
| #2 | -.00323 | -.00222 | .00109 | -.00056 | -.00720 | .0011  | -.00003 |  |

Sample Name: ICB01      Acquired: 9/11/2017 11:53:49      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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       | 2797.1  | 40631.  | 3406.2  | 91.236 | 3208.8 |
| Stddev    | 1.4     | 97.     | 18.2    | 1.421  | 7.4    |
| %RSD      | .04928  | .23973  | .28437  | 1.5571 | .23039 |
| #1        | 2798.0  | 40700.  | 6393.3  | 90.232 | 3214.1 |
| #2        | 2796.1  | 40562.  | 6419.1  | 92.241 | 3203.6 |

Sample Name: CRI01      Acquired: 9/11/2017 12:02:11      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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    | .01730 | .03857 | .01095 | .01793 | .04743 | .10257 | .10203 | .00605 | .00606 |
| Stddev | .00218 | .00081 | .00092 | .00123 | .00109 | .00160 | .00005 | .00001 | .00008 |
| %RSD   | 12.590 | 2.0971 | 8.3749 | 6.8418 | 2.3014 | 1.5558 | .05212 | .16369 | 1.2713 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .01576 | .03915 | .01159 | .01707 | .04820 | .10370 | .10199 | .00604 | .00611 |
| #2 | .01884 | .03800 | .01030 | .01880 | .04665 | .10144 | .10207 | .00606 | .00600 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.0274 | .01075 | .02968 | .02102 | .10360 | .02127 | 2.0449 | .03956 | .01006 |
| Stddev | .0203  | .00051 | .00032 | .00013 | .02013 | .00000 | .0227  | .00022 | .00006 |
| %RSD   | 1.0017 | 4.7260 | 1.0879 | .63435 | 19.427 | .00540 | 1.1104 | .55017 | .61192 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.0130 | .01111 | .02945 | .02092 | .08937 | .02127 | 2.0289 | .03971 | .01001 |
| #2 | 2.0417 | .01039 | .02991 | .02111 | .11783 | .02126 | 2.0610 | .03940 | .01010 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 1.9372 | .04011 | .04222 | 1.9848 | .20951 | .09607 | .01894 | .36258 | .04020 |
| Stddev | .0080  | .00007 | .00015 | .0271  | .00060 | .00004 | .00183 | .00226 | .00045 |
| %RSD   | .41067 | .18114 | .36398 | 1.3646 | .28746 | .04153 | 9.6884 | .62298 | 1.1209 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.9316 | .04016 | .04211 | 2.0039 | .20994 | .09610 | .01764 | .36417 | .04051 |
| #2 | 1.9429 | .04006 | .04232 | 1.9656 | .20908 | .09604 | .02024 | .36098 | .03988 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | .04130 | .01455 | .0215  | .02308 |
| Stddev | .00265 | .00021 | .0011  | .00001 |
| %RSD   | 6.4258 | 1.4540 | 5.116  | .04443 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .03943 | .01470 | .0223 | .02308 |
| #2 | .04318 | .01440 | .0207 | .02309 |

Sample Name: CRI01      Acquired: 9/11/2017 12:02:11      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      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       | 2768.9  | 40447.  | 3432.1  | 38.552 | 3189.8 |
| Stddev    | 11.9    | 68.     | .7      | .177   | 10.2   |
| %RSD      | .43111  | .16713  | .01129  | .19963 | .32115 |
| #1        | 2760.5  | 40400.  | 6431.6  | 88.677 | 3182.5 |
| #2        | 2777.3  | 40495.  | 6432.6  | 88.427 | 3197.0 |

Sample Name: ICSA01      Acquired: 9/11/2017 12:06:20      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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    | .01335  | .00020  | .00704 | -.00589 | .00225  | 264.61  | .00534  |
| Stddev | .00376  | .00257  | .00001 | .00062  | .00126  | 1.28    | .00079  |
| %RSD   | 28.122  | 1265.7  | .14578 | 10.614  | 56.112  | .48358  | 14.774  |
| #1     | .01070  | .00202  | .00704 | -.00545 | .00136  | 265.51  | .00589  |
| #2     | .01601  | -.00161 | .00703 | -.00633 | .00315  | 263.70  | .00478  |
| Elem   | Be2348  | Cd2265  | Ca3736 | Cr2677  | Co2286  | Cu2247  | Fe2404  |
| Units  | ppm     | ppm     | ppm    | ppm     | ppm     | ppm     | ppm     |
| Avg    | .00062  | .00085  | 236.80 | .04724  | -.00019 | -.00064 | 34.910  |
| Stddev | .00004  | .00005  | .09    | .00003  | .00005  | .00102  | .471    |
| %RSD   | 6.4505  | 5.5761  | .03654 | .06046  | 27.571  | 160.14  | .49627  |
| #1     | .00059  | .00082  | 236.74 | .04726  | -.00023 | -.00136 | 95.243  |
| #2     | .00064  | .00088  | 236.86 | .04722  | -.00015 | .00008  | 94.577  |
| Elem   | Mn2576  | Mg2790  | Ni2316 | Ag3280  | Na5895  | V_2924  | Zn2138  |
| Units  | ppm     | ppm     | ppm    | ppm     | ppm     | ppm     | ppm     |
| Avg    | .01846  | 250.10  | .00134 | -.00557 | -.05418 | .00044  | .00060  |
| Stddev | .00013  | .16     | .00091 | .00023  | .01058  | .00039  | .00006  |
| %RSD   | .68034  | .06394  | 67.892 | 4.1166  | 19.520  | 87.325  | 9.6313  |
| #1     | .01837  | 250.22  | .00069 | -.00541 | -.06166 | .00071  | .00064  |
| #2     | .01855  | 249.99  | .00198 | -.00573 | -.04670 | .00017  | .00056  |
| Elem   | K_7664  | Mo2020  | B_2496 | S_1820  | Si2881  | Sn1899  | Ti3361  |
| Units  | ppm     | ppm     | ppm    | ppm     | ppm     | ppm     | ppm     |
| Avg    | -.02865 | -.00073 | .04105 | -.02134 | -.02774 | -.00290 | -.00291 |
| Stddev | .03965  | .00040  | .00151 | .00458  | .01141  | .00083  | .00071  |
| %RSD   | 138.41  | 55.297  | 3.6697 | 21.464  | 41.119  | 28.703  | 24.210  |
| #1     | -.00061 | -.00102 | .04211 | -.02458 | -.01967 | -.00231 | -.00341 |
| #2     | -.05668 | -.00045 | .03998 | -.01810 | -.03580 | -.00349 | -.00241 |

Sample Name: ICSA01      Acquired: 9/11/2017 12:06:20      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: ICSA01      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |
|--------|--------|--------|--------|
| Elem   | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    |
| Avg    | .00125 | .0074  | .08736 |
| Stddev | .00021 | .0007  | .00006 |
| %RSD   | 16.645 | 10.07  | .06344 |

|    |        |       |        |
|----|--------|-------|--------|
| #1 | .00111 | .0079 | .08740 |
| #2 | .00140 | .0069 | .08732 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2550.3  | 36453.  | 3245.2  | 32.864 | 2725.5 |
| Stddev    | 5.9     | 249.    | 9.3     | .517   | 2.0    |
| %RSD      | .23257  | .68421  | .14916  | .62356 | .07405 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2554.5 | 36277. | 6238.6 | 82.498 | 2726.9 |
| #2 | 2546.1 | 36629. | 6251.7 | 83.229 | 2724.0 |

Sample Name: ICSAB01      Acquired: 9/11/2017 12:10:35      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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    | .11064 | .10355 | .05672 | .04275 | .60010 | 265.17 | .51073 |
| Stddev | .00100 | .00237 | .00117 | .00032 | .00243 | .40    | .00077 |
| %RSD   | .90091 | 2.2854 | 2.0669 | .74000 | .40492 | .15206 | .15081 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .10993 | .10187 | .05589 | .04252 | .59838 | 265.45 | .51128 |
| #2 | .11134 | .10522 | .05755 | .04297 | .60182 | 264.88 | .51019 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .53370 | .97836 | 238.11 | .55317 | .49105 | .49333 | 96.543 |
| Stddev | .00297 | .00044 | .12    | .00125 | .00084 | .00209 | .157   |
| %RSD   | .55620 | .04448 | .05183 | .22596 | .17158 | .42402 | .16264 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .53580 | .97867 | 238.20 | .55229 | .49165 | .49185 | 96.654 |
| #2 | .53160 | .97805 | 238.02 | .55405 | .49046 | .49481 | 96.432 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .52678 | 251.23 | .97242 | .20843 | .06101 | .50312 | 1.0112 |
| Stddev | .00136 | .28    | .00061 | .00034 | .00320 | .00328 | .0007  |
| %RSD   | .25825 | .11011 | .06251 | .16239 | 5.2374 | .65273 | .06815 |

|    |        |        |        |        |         |        |        |
|----|--------|--------|--------|--------|---------|--------|--------|
| #1 | .52774 | 251.04 | .97285 | .20867 | -.06327 | .50544 | 1.0117 |
| #2 | .52582 | 251.43 | .97199 | .20819 | -.05875 | .50080 | 1.0107 |

|        |         |         |        |          |        |         |         |
|--------|---------|---------|--------|----------|--------|---------|---------|
| Elem   | K_7664  | Mo2020  | B_2496 | S_1820   | Si2881 | Sn1899  | Ti3361  |
| Units  | ppm     | ppm     | ppm    | ppm      | ppm    | ppm     | ppm     |
| Avg    | -.03317 | -.00068 | .04027 | F .02373 | .00247 | -.00305 | -.00347 |
| Stddev | .00812  | .00020  | .00113 | .00176   | .00302 | .00109  | .00019  |
| %RSD   | 24.467  | 29.161  | 2.8051 | 7.4022   | 122.22 | 35.678  | 5.5339  |

|    |         |         |        |         |        |         |         |
|----|---------|---------|--------|---------|--------|---------|---------|
| #1 | -.03891 | -.00082 | .04107 | -.02497 | .00034 | -.00228 | -.00360 |
| #2 | -.02743 | -.00054 | .03947 | -.02249 | .00461 | -.00382 | -.00333 |



Sample Name: ICSAB01      Acquired: 9/11/2017 12:10:35      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: ICSAB01      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |
|--------|--------|--------|--------|
| Elem   | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    |
| Avg    | .00061 | F.0041 | .08665 |
| Stddev | .00276 | .0012  | .00046 |
| %RSD   | 451.89 | 30.08  | .52937 |

|    |         |       |        |
|----|---------|-------|--------|
| #1 | -.00134 | .0032 | .08698 |
| #2 | .00256  | .0050 | .08633 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2529.1  | 36615.  | 3294.4  | 32.637 | 2713.3 |
| Stddev    | 5.0     | 94.     | 20.0    | .197   | 5.4    |
| %RSD      | .19575  | .25609  | .31745  | .23874 | .19932 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2532.6 | 36549. | 6280.3 | 82.498 | 2709.5 |
| #2 | 2525.6 | 36682. | 6308.5 | 82.777 | 2717.1 |

Sample Name: CCV01      Acquired: 9/11/2017 12:14:41      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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    | 5.1168 | 5.0694 | 5.0408 | 5.0886 | 5.1036 | 10.236 | 10.318 | .25615 | 2.5123 |
| Stddev | .0005  | .0041  | .0052  | .0157  | .0033  | .085   | .003   | .00053 | .0000  |
| %RSD   | .01047 | .08066 | .10313 | .30878 | .06452 | .83299 | .02770 | .20540 | .00175 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 5.1172 | 5.0665 | 5.0445 | 5.0997 | 5.1059 | 10.175 | 10.320 | .25578 | 2.5123 |
| #2 | 5.1164 | 5.0723 | 5.0372 | 5.0775 | 5.1013 | 10.296 | 10.316 | .25652 | 2.5123 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 25.489 | 1.0309 | 2.5148 | 1.2788 | 5.2002 | 2.5781 | 25.528 | 2.5177 | 1.2850 |
| Stddev | .041   | .0055  | .0018  | .0047  | .0764  | .0090  | .015   | .0000  | .0059  |
| %RSD   | .16232 | .52988 | .07153 | .36419 | 1.4698 | .34973 | .05934 | .00099 | .46028 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 25.460 | 1.0271 | 2.5161 | 1.2821 | 5.1462 | 2.5717 | 25.538 | 2.5177 | 1.2808 |
| #2 | 25.518 | 1.0348 | 2.5136 | 1.2755 | 5.2543 | 2.5845 | 25.517 | 2.5177 | 1.2892 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 25.413 | 2.5510 | 2.5698 | 25.645 | 5.1375 | 5.1407 | 5.0019 | 5.0068 | 5.0582 |
| Stddev | .025   | .0029  | .0396  | .029   | .0048  | .0260  | .0026  | .0316  | .0045  |
| %RSD   | .09690 | .11408 | 1.5400 | .11296 | .09386 | .50507 | .05164 | .63054 | .08916 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 25.396 | 2.5531 | 2.5418 | 25.624 | 5.1409 | 5.1223 | 5.0001 | 4.9845 | 5.0614 |
| #2 | 25.431 | 2.5490 | 2.5978 | 25.665 | 5.1341 | 5.1591 | 5.0038 | 5.0292 | 5.0550 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 5.1724 | 5.1352 | 5.165  | 5.1928 |
| Stddev | .0053  | .0028  | .004   | .0379  |
| %RSD   | .10353 | .05494 | .0702  | .73057 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 5.1687 | 5.1332 | 5.168 | 5.1660 |
| #2 | 5.1762 | 5.1372 | 5.163 | 5.2196 |

Sample Name: CCV01      Acquired: 9/11/2017 12:14:41      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      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       | 2684.2  | 39358.  | 3433.9  | 37.273 | 2970.5 |
| Stddev    | 12.3    | 89.     | 32.1    | 1.047  | 11.4   |
| %RSD      | .45984  | .22567  | .49901  | 1.1992 | .38420 |
| #1        | 2675.5  | 39421.  | 6411.2  | 88.013 | 2962.4 |
| #2        | 2692.9  | 39295.  | 6456.6  | 86.533 | 2978.5 |

Sample Name: LLCCV01      Acquired: 9/11/2017 12:18:41      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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    | .01953 | .03973 | .01121 | .01865 | .04825 | .09944 | .10141 | .00615 | .00607 |
| Stddev | .00058 | .00169 | .00021 | .00016 | .00040 | .00637 | .00015 | .00006 | .00004 |
| %RSD   | 2.9841 | 4.2597 | 1.9135 | .85495 | .83520 | 6.4103 | .14755 | 1.0175 | .69191 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .01912 | .03853 | .01136 | .01854 | .04854 | .09493 | .10151 | .00610 | .00604 |
| #2 | .01994 | .04093 | .01106 | .01876 | .04797 | .10395 | .10130 | .00619 | .00610 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.0295 | .01052 | .02983 | .02097 | .10687 | .02129 | 1.9863 | .03942 | .01020 |
| Stddev | .0228  | .00006 | .00002 | .00037 | .01958 | .00024 | .0117  | .00001 | .00051 |
| %RSD   | 1.1236 | .57240 | .07942 | 1.7838 | 18.317 | 1.1073 | .59129 | .03207 | 5.0139 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.0456 | .01048 | .02985 | .02070 | .12071 | .02112 | 1.9946 | .03941 | .01056 |
| #2 | 2.0134 | .01056 | .02982 | .02123 | .09303 | .02145 | 1.9780 | .03942 | .00984 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 1.9266 | .04024 | .04147 | 2.0136 | .21108 | .09971 | .01825 | .35685 | .03955 |
| Stddev | .0140  | .00016 | .00089 | .0111  | .00048 | .00776 | .00190 | .00452 | .00053 |
| %RSD   | .72557 | .40359 | 2.1381 | .55105 | .22857 | 7.7851 | 10.409 | 1.2659 | 1.3344 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.9365 | .04013 | .04210 | 2.0057 | .21143 | .10520 | .01691 | .35366 | .03918 |
| #2 | 1.9167 | .04036 | .04085 | 2.0214 | .21074 | .09422 | .01960 | .36004 | .03992 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | .04183 | .01500 | .0203  | .02315 |
| Stddev | .00049 | .00139 | .0010  | .00001 |
| %RSD   | 1.1759 | 9.2588 | 4.830  | .05835 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .04148 | .01401 | .0196 | .02316 |
| #2 | .04218 | .01598 | .0210 | .02314 |

Sample Name: LLCCV01      Acquired: 9/11/2017 12:18:41      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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       | 2783.2  | 40650.  | 3455.1  | 39.909 | 3202.9 |
| Stddev    | 5.7     | 25.     | 18.2    | 2.160  | 1.8    |
| %RSD      | .20426  | .06169  | .28182  | 2.4023 | .05661 |
| #1        | 2779.1  | 40632.  | 6442.2  | 88.382 | 3201.6 |
| #2        | 2787.2  | 40668.  | 6467.9  | 91.436 | 3204.1 |

Sample Name: CCB01      Acquired: 9/11/2017 12:22:51      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      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    | .00105 | -.00129 | -.00093 | -.00408 | -.00079 | -.00934 | -.00030 | -.00002 |
| Stddev | .00109 | .00018  | .00007  | .00078  | .00027  | .00540  | .00053  | .00001  |
| %RSD   | 103.16 | 14.042  | 7.4606  | 19.087  | 34.172  | 57.774  | 175.87  | 43.410  |

|    |        |         |         |         |         |         |         |         |
|----|--------|---------|---------|---------|---------|---------|---------|---------|
| #1 | .00029 | -.00116 | -.00088 | -.00463 | -.00098 | -.00553 | -.00067 | -.00001 |
| #2 | .00182 | -.00141 | -.00098 | -.00353 | -.00060 | -.01316 | .00007  | -.00002 |

|        |        |        |        |        |         |         |         |         |
|--------|--------|--------|--------|--------|---------|---------|---------|---------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247  | Fe2404  | Mn2576  | Mg2790  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm     | ppm     | ppm     | ppm     |
| Avg    | .00003 | .01680 | .00018 | .00010 | -.00067 | .00000  | -.00008 | -.00850 |
| Stddev | .00002 | .00031 | .00009 | .00021 | .00002  | .00640  | .00002  | .02332  |
| %RSD   | 59.310 | 1.8377 | 50.409 | 221.35 | 2.7071  | 215150. | 26.979  | 274.27  |

|    |        |        |        |         |         |         |         |         |
|----|--------|--------|--------|---------|---------|---------|---------|---------|
| #1 | .00004 | .01702 | .00024 | -.00005 | -.00069 | -.00452 | -.00009 | -.02499 |
| #2 | .00002 | .01658 | .00011 | .00024  | -.00066 | .00453  | -.00006 | .00799  |

|        |         |        |         |         |         |        |        |         |
|--------|---------|--------|---------|---------|---------|--------|--------|---------|
| Elem   | Ni2316  | Ag3280 | Na5895  | V_2924  | Zn2138  | K_7664 | Mo2020 | B_2496  |
| Units  | ppm     | ppm    | ppm     | ppm     | ppm     | ppm    | ppm    | ppm     |
| Avg    | -.00048 | .00000 | -.09826 | -.00027 | -.00009 | .00411 | .00057 | -.00382 |
| Stddev | .00021  | .00063 | .00608  | .00033  | .00009  | .02037 | .00004 | .00430  |
| %RSD   | 44.631  | 14651. | 6.1890  | 123.07  | 102.63  | 495.87 | 6.6066 | 112.53  |

|    |         |         |         |         |         |         |        |         |
|----|---------|---------|---------|---------|---------|---------|--------|---------|
| #1 | -.00063 | -.00044 | -.10256 | -.00051 | -.00015 | -.01029 | .00060 | -.00078 |
| #2 | -.00033 | .00045  | -.09396 | -.00004 | -.00002 | .01851  | .00055 | -.00685 |

|        |         |         |        |         |         |        |         |
|--------|---------|---------|--------|---------|---------|--------|---------|
| Elem   | S_1820  | Si2881  | Sn1899 | Ti3361  | Li6707  | P_1774 | Sr4077  |
| Units  | ppm     | ppm     | ppm    | ppm     | ppm     | ppm    | ppm     |
| Avg    | -.00174 | -.00642 | .00119 | -.00114 | -.00727 | -.0015 | -.00010 |
| Stddev | .00327  | .01004  | .00023 | .00068  | .00044  | .0005  | .00008  |
| %RSD   | 187.55  | 156.33  | 19.278 | 59.820  | 6.0810  | 33.17  | 79.623  |

|    |         |         |        |         |         |        |         |
|----|---------|---------|--------|---------|---------|--------|---------|
| #1 | .00057  | -.01353 | .00103 | -.00162 | -.00695 | -.0018 | -.00004 |
| #2 | -.00406 | .00068  | .00136 | -.00066 | -.00758 | -.0011 | -.00015 |

Sample Name: CCB01      Acquired: 9/11/2017 12:22:51      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      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       | 2789.4  | 40757.  | 3423.2  | 39.434 | 3211.5 |
| Stddev    | 2.5     | 33.     | 31.5    | 2.877  | 1.5    |
| %RSD      | .08894  | .08061  | .49088  | 3.2165 | .04777 |
| #1        | 2787.7  | 40734.  | 6400.9  | 87.400 | 3210.4 |
| #2        | 2791.2  | 40780.  | 6445.5  | 91.468 | 3212.5 |

Sample Name: I5057-01      Acquired: 9/11/2017 12:27:04      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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    | .00428 | -.00088 | .00283 | -.03684 | -.00192 | -.09464 | .13428 | .00026 |
| Stddev | .00227 | .00235  | .00042 | .00138  | .00090  | .00707  | .00050 | .00007 |
| %RSD   | 53.051 | 267.87  | 14.726 | 3.7592  | 46.879  | 7.4669  | .37404 | 26.373 |

|    |        |         |        |         |         |         |        |        |
|----|--------|---------|--------|---------|---------|---------|--------|--------|
| #1 | .00267 | -.00254 | .00253 | -.03586 | -.00255 | -.09964 | .13393 | .00031 |
| #2 | .00588 | .00078  | .00312 | -.03782 | -.00128 | -.08965 | .13464 | .00021 |

|        |         |        |        |        |         |        |        |        |
|--------|---------|--------|--------|--------|---------|--------|--------|--------|
| Elem   | Cd2265  | Ca3736 | Cr2677 | Co2286 | Cu2247  | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm     | ppm    | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    |
| Avg    | -.00015 | 351.04 | .00941 | .00307 | -.00100 | 2.7680 | 2.1967 | 52.498 |
| Stddev | .00000  | .87    | .00051 | .00014 | .00011  | .0497  | .0038  | .175   |
| %RSD   | .10765  | .24770 | 5.4606 | 4.5025 | 11.032  | 1.7941 | .17157 | .33344 |

|    |         |        |        |        |         |        |        |        |
|----|---------|--------|--------|--------|---------|--------|--------|--------|
| #1 | -.00015 | 350.42 | .00905 | .00297 | -.00093 | 2.8031 | 2.1994 | 52.375 |
| #2 | -.00015 | 351.65 | .00977 | .00317 | -.00108 | 2.7329 | 2.1941 | 52.622 |

|        |        |         |        |        |        |        |        |        |
|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280  | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00608 | -.00013 | 59.426 | .00008 | .01991 | 3.6458 | .00115 | .20055 |
| Stddev | .00024 | .00070  | .129   | .00054 | .00013 | .0101  | .00015 | .00698 |
| %RSD   | 3.9714 | 551.61  | .21666 | 702.26 | .65549 | .11622 | 12.707 | 3.4795 |

|    |        |         |        |         |        |        |        |        |
|----|--------|---------|--------|---------|--------|--------|--------|--------|
| #1 | .00591 | -.00062 | 59.335 | .00046  | .02000 | 8.6387 | .00104 | .20549 |
| #2 | .00625 | .00037  | 59.517 | -.00030 | .01982 | 8.6529 | .00125 | .19562 |

|        |        |        |         |         |        |        |        |
|--------|--------|--------|---------|---------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899  | Ti3361  | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm     | ppm     | ppm    | ppm    | ppm    |
| Avg    | 33.346 | 12.870 | -.00072 | -.00961 | .01765 | .0051  | 2.4242 |
| Stddev | .253   | .049   | .00098  | .00119  | .00183 | .0002  | .0019  |
| %RSD   | .30392 | .38096 | 135.55  | 12.425  | 10.372 | 4.876  | .07855 |

|    |        |        |         |         |        |       |        |
|----|--------|--------|---------|---------|--------|-------|--------|
| #1 | 83.525 | 12.905 | -.00142 | -.00876 | .01635 | .0049 | 2.4228 |
| #2 | 83.167 | 12.836 | -.00003 | -.01045 | .01894 | .0053 | 2.4255 |



Sample Name: I5057-01      Acquired: 9/11/2017 12:27:04      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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       | 2497.5  | 36852.  | 3240.7  | 33.198 | 2782.0 |
| Stddev    | 12.3    | 144.    | 7.4     | 1.617  | 16.5   |
| %RSD      | .49198  | .39078  | .11794  | 1.9432 | .59169 |
| #1        | 2488.8  | 36750.  | 6235.5  | 82.055 | 2770.4 |
| #2        | 2506.1  | 36953.  | 6245.9  | 84.341 | 2793.7 |

Sample Name: I5057-01DUP      Acquired: 9/11/2017 12:32:21      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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    | .00504 | -.00192 | .00186 | -.03627 | -.00230 | -.09295 | .13440 | .00030 |
| Stddev | .00041 | .00058  | .00024 | .00023  | .00007  | .00042  | .00075 | .00006 |
| %RSD   | 8.0528 | 30.142  | 13.040 | .64503  | 2.8351  | .45145  | .55940 | 19.408 |

|    |        |         |        |         |         |         |        |        |
|----|--------|---------|--------|---------|---------|---------|--------|--------|
| #1 | .00533 | -.00233 | .00169 | -.03610 | -.00234 | -.09325 | .13493 | .00026 |
| #2 | .00476 | -.00151 | .00203 | -.03643 | -.00225 | -.09265 | .13387 | .00035 |

|        |         |        |        |        |         |        |        |        |
|--------|---------|--------|--------|--------|---------|--------|--------|--------|
| Elem   | Cd2265  | Ca3736 | Cr2677 | Co2286 | Cu2247  | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm     | ppm    | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    |
| Avg    | -.00009 | 351.78 | .00888 | .00303 | -.00182 | 2.7937 | 2.1851 | 52.876 |
| Stddev | .00010  | .17    | .00030 | .00018 | .00037  | .0255  | .0035  | .106   |
| %RSD   | 109.57  | .04900 | 3.3912 | 5.7858 | 20.106  | .91095 | .16144 | .19972 |

|    |         |        |        |        |         |        |        |        |
|----|---------|--------|--------|--------|---------|--------|--------|--------|
| #1 | -.00016 | 351.66 | .00867 | .00291 | -.00156 | 2.8116 | 2.1826 | 52.801 |
| #2 | -.00002 | 351.90 | .00909 | .00316 | -.00208 | 2.7757 | 2.1876 | 52.951 |

|        |        |         |        |         |        |        |        |        |
|--------|--------|---------|--------|---------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280  | Na5895 | V_2924  | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm     | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00615 | -.00021 | 59.605 | -.00034 | .02061 | 3.6229 | .00111 | .19549 |
| Stddev | .00041 | .00056  | .010   | .00038  | .00023 | .0294  | .00000 | .01281 |
| %RSD   | 6.7354 | 275.59  | .01607 | 112.59  | 1.1325 | .34127 | .08904 | 6.5504 |

|    |        |         |        |         |        |        |        |        |
|----|--------|---------|--------|---------|--------|--------|--------|--------|
| #1 | .00585 | .00019  | 59.598 | -.00007 | .02077 | 8.6021 | .00111 | .18643 |
| #2 | .00644 | -.00060 | 59.612 | -.00061 | .02044 | 8.6437 | .00111 | .20454 |

|        |        |        |         |         |        |        |        |  |
|--------|--------|--------|---------|---------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899  | Ti3361  | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm     | ppm     | ppm    | ppm    | ppm    |  |
| Avg    | 32.887 | 12.976 | -.00001 | -.00911 | .01953 | .0037  | 2.4180 |  |
| Stddev | .052   | .021   | .00001  | .00065  | .00040 | .0001  | .0061  |  |
| %RSD   | .06309 | .16073 | 201.44  | 7.1294  | 2.0378 | 3.252  | .25215 |  |

|    |        |        |         |         |        |       |        |  |
|----|--------|--------|---------|---------|--------|-------|--------|--|
| #1 | 82.924 | 12.961 | -.00002 | -.00865 | .01981 | .0038 | 2.4137 |  |
| #2 | 82.850 | 12.991 | .00000  | -.00957 | .01925 | .0036 | 2.4223 |  |

Sample Name: I5057-01DUP      Acquired: 9/11/2017 12:32:21      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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       | 2496.0  | 36939.  | 3166.2  | 31.284 | 2783.3 |
| Stddev    | 8.4     | 24.     | 2.2     | .903   | 9.3    |
| %RSD      | .33822  | .06534  | .03614  | 1.1104 | .33320 |
| #1        | 2490.0  | 36922.  | 6167.8  | 80.645 | 2776.7 |
| #2        | 2502.0  | 36956.  | 6164.6  | 81.922 | 2789.8 |

Sample Name: I5057-01LX5      Acquired: 9/11/2017 12:36:24      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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    | .00044 | .00033 | .00068 | .01098 | .00202 | .00381 | .02686 | .00010 |
| Stddev | .00265 | .00033 | .00026 | .00579 | .00045 | .00576 | .00048 | .00001 |
| %RSD   | 595.09 | 100.98 | 38.774 | 52.687 | 22.494 | 151.31 | 1.8044 | 14.356 |

|    |         |         |         |         |         |         |        |        |
|----|---------|---------|---------|---------|---------|---------|--------|--------|
| #1 | .00143  | -.00057 | -.00049 | -.00689 | -.00234 | .00027  | .02721 | .00011 |
| #2 | -.00231 | -.00009 | -.00087 | -.01507 | -.00169 | -.00788 | .02652 | .00009 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00002 | 72.369 | .00511 | .00063 | .00074 | .56236 | .46266 | 11.086 |
| Stddev | .00002 | .069   | .00047 | .00013 | .00020 | .01052 | .00080 | .001   |
| %RSD   | 95.154 | .09523 | 9.2742 | 20.874 | 26.663 | 1.8703 | .17209 | .01153 |

|    |         |        |        |        |         |        |        |        |
|----|---------|--------|--------|--------|---------|--------|--------|--------|
| #1 | -.00001 | 72.321 | .00545 | .00072 | -.00088 | .56979 | .46323 | 11.085 |
| #2 | -.00003 | 72.418 | .00478 | .00053 | -.00060 | .55492 | .46210 | 11.087 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00299 | .00009 | 11.854 | .00030 | .00434 | 1.7377 | .00019 | .03754 |
| Stddev | .00000 | .00034 | .003   | .00009 | .00000 | .0118  | .00046 | .00131 |
| %RSD   | .11557 | 369.68 | .02609 | 30.575 | .00386 | .68046 | 244.29 | 3.4899 |

|    |        |         |        |         |        |        |         |        |
|----|--------|---------|--------|---------|--------|--------|---------|--------|
| #1 | .00299 | -.00033 | 11.856 | -.00024 | .00434 | 1.7293 | .00051  | .03847 |
| #2 | .00298 | .00015  | 11.851 | -.00036 | .00434 | 1.7460 | -.00014 | .03662 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | 16.831 | 2.6478 | .00017 | .00271 | .00051 | .0023  | .49653 |  |
| Stddev | .012   | .0236  | .00202 | .00035 | .00140 | .0012  | .00212 |  |
| %RSD   | .06904 | .88950 | 1156.5 | 12.980 | 272.02 | 51.25  | .42703 |  |

|    |        |        |         |         |         |       |        |  |
|----|--------|--------|---------|---------|---------|-------|--------|--|
| #1 | 16.823 | 2.6644 | .00126  | -.00296 | -.00150 | .0031 | .49803 |  |
| #2 | 16.839 | 2.6311 | -.00161 | -.00246 | .00047  | .0014 | .49503 |  |

Sample Name: I5057-01LX5      Acquired: 9/11/2017 12:36:24      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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       | 2710.7  | 39281.  | 3362.1  | 39.675 | 3073.7 |
| Stddev    | 8.1     | 36.     | 32.7    | .114   | 5.2    |
| %RSD      | .29947  | .09192  | .51419  | .12670 | .17070 |
| #1        | 2705.0  | 39256.  | 6338.9  | 89.594 | 3069.9 |
| #2        | 2716.4  | 39307.  | 6385.2  | 89.755 | 3077.4 |

Sample Name: I5057-02      Acquired: 9/11/2017 12:40:33      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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    | .88063 | 2.0647 | 1.0292 | 2.0707 | .85553 | 2.2336 | .36718 | .21764 | .20620 |
| Stddev | .00507 | .0063  | .0077  | .0203  | .00197 | .0137  | .00087 | .00024 | .00016 |
| %RSD   | .57557 | .30403 | .75034 | .98148 | .23048 | .61346 | .23658 | .11223 | .07805 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .87705 | 2.0692 | 1.0237 | 2.0850 | .85692 | 2.2239 | .36657 | .21781 | .20608 |
| #2 | .88421 | 2.0603 | 1.0346 | 2.0563 | .85413 | 2.2433 | .36779 | .21747 | .20631 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 363.45 | .51795 | .21223 | .31632 | 5.1261 | 2.4397 | 56.045 | .54194 | .07864 |
| Stddev | .87    | .00313 | .00068 | .00017 | .1252  | .0032  | .299   | .00036 | .00065 |
| %RSD   | .23887 | .60468 | .32214 | .05333 | 2.0444 | .12911 | .53380 | .06600 | .82425 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 362.83 | .52017 | .21175 | .31620 | 6.2147 | 2.4375 | 55.834 | .54219 | .07819 |
| #2 | 364.06 | .51574 | .21271 | .31644 | 6.0376 | 2.4420 | 56.257 | .54169 | .07910 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 34.671 | .33163 | .22518 | 20.423 | .43934 | .54581 | 34.607 | 14.480 | .72281 |
| Stddev | .018   | .00128 | .00449 | .065   | .00020 | .00732 | .051   | .111   | .00288 |
| %RSD   | .02844 | .38490 | 1.9936 | .31652 | .04476 | 1.3413 | .06040 | .76615 | .39905 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 64.684 | .33253 | .22835 | 20.377 | .43948 | .54063 | 84.644 | 14.401 | .72485 |
| #2 | 64.658 | .33073 | .22201 | 20.468 | .43920 | .55098 | 84.571 | 14.558 | .72077 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 21572  | 24961  | 5.491  | 2.7669 |
| Stddev | .00218 | .00098 | .002   | .0078  |
| %RSD   | 1.0097 | .39170 | .0331  | .28037 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .21418 | .24892 | 6.493 | 2.7614 |
| #2 | .21726 | .25030 | 6.490 | 2.7724 |

Sample Name: I5057-02      Acquired: 9/11/2017 12:40:33      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      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       | 2504.8  | 36725.  | 3120.6  | 35.425 | 2766.0 |
| Stddev    | .8      | 41.     | 10.1    | 1.867  | 2.4    |
| %RSD      | .03243  | .11075  | .16523  | 2.1858 | .08588 |
| #1        | 2504.3  | 36754.  | 6127.7  | 84.104 | 2767.7 |
| #2        | 2505.4  | 36696.  | 6113.4  | 86.745 | 2764.3 |

Sample Name: I5057-03      Acquired: 9/11/2017 12:44:27      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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    | .87704 | 2.0443 | 1.0238 | 2.0495 | .85363 | 2.1703 | .36198 | .21564 | .20458 |
| Stddev | .00360 | .0049  | .0003  | .0043  | .00143 | .0138  | .00041 | .00011 | .00031 |
| %RSD   | .41066 | .23929 | .02657 | .21166 | .16734 | .63335 | .11351 | .04963 | .15232 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .87959 | 2.0409 | 1.0237 | 2.0465 | .85262 | 2.1800 | .36169 | .21571 | .20436 |
| #2 | .87450 | 2.0478 | 1.0240 | 2.0526 | .85464 | 2.1605 | .36227 | .21556 | .20480 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 357.91 | .48889 | .21144 | .31615 | 5.1803 | 2.4218 | 55.799 | .53373 | .07736 |
| Stddev | 1.04   | .00294 | .00004 | .00075 | .0955  | .0020  | .306   | .00043 | .00030 |
| %RSD   | .29133 | .60068 | .02013 | .23792 | 1.5460 | .08349 | .54912 | .08058 | .38649 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 358.64 | .49097 | .21147 | .31668 | 6.1127 | 2.4232 | 56.015 | .53404 | .07757 |
| #2 | 357.17 | .48681 | .21141 | .31562 | 6.2479 | 2.4203 | 55.582 | .53343 | .07715 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 33.815 | .32881 | .22990 | 20.122 | .43957 | .52926 | 33.896 | 14.105 | .71751 |
| Stddev | .134   | .00067 | .00441 | .085   | .00116 | .01333 | .041   | .011   | .00593 |
| %RSD   | .20978 | .20227 | 1.9180 | .42327 | .26418 | 2.5186 | .04894 | .07671 | .82694 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 63.910 | .32928 | .22678 | 20.182 | .43875 | .53868 | 83.925 | 14.113 | .71331 |
| #2 | 63.720 | .32834 | .23302 | 20.061 | .44039 | .51983 | 83.866 | 14.098 | .72171 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 21239  | 24641  | 6.418  | 2.6968 |
| Stddev | .00078 | .00252 | .002   | .0046  |
| %RSD   | .36953 | 1.0230 | .0289  | .17050 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .21183 | .24819 | 6.416 | 2.7001 |
| #2 | .21294 | .24463 | 6.419 | 2.6936 |



Sample Name: I5057-03      Acquired: 9/11/2017 12:44:27      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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       | 2485.2  | 36800.  | 3094.9  | 33.205 | 2759.1 |
| Stddev    | 2.1     | 82.     | 20.4    | 1.221  | 1.0    |
| %RSD      | .08581  | .22188  | .33460  | 1.4670 | .03589 |
| #1        | 2483.7  | 36743.  | 6080.5  | 84.068 | 2758.4 |
| #2        | 2486.7  | 36858.  | 6109.4  | 82.342 | 2759.8 |

Sample Name: I5057-01A      Acquired: 9/11/2017 12:48:20      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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    | .93248 | 2.1899 | 1.0970 | 2.1871 | .93306 | 2.3263 | .37707 | .23001 | .21862 |
| Stddev | .00002 | .0061  | .0030  | .0093  | .00297 | .0075  | .00039 | .00016 | .00050 |
| %RSD   | .00265 | .27661 | .27555 | .42646 | .31796 | .32418 | .10475 | .06869 | .22908 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .93246 | 2.1856 | 1.0991 | 2.1937 | .93516 | 2.3210 | .37735 | .23012 | .21827 |
| #2 | .93250 | 2.1942 | 1.0948 | 2.1805 | .93097 | 2.3316 | .37679 | .22990 | .21898 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 355.97 | .47055 | .22512 | .33673 | 5.0144 | 2.4088 | 55.679 | .55647 | .08277 |
| Stddev | .94    | .00000 | .00007 | .00014 | .0653  | .0034  | .384   | .00028 | .00004 |
| %RSD   | .26543 | .00014 | .02930 | .04053 | 1.0863 | .14320 | .69001 | .04962 | .05142 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 355.30 | .47055 | .22507 | .33683 | 6.0606 | 2.4112 | 55.407 | .55627 | .08274 |
| #2 | 356.64 | .47055 | .22516 | .33664 | 5.9682 | 2.4063 | 55.950 | .55666 | .08280 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 33.763 | .35224 | .24024 | 20.893 | .47871 | .53815 | 33.235 | 14.162 | .78469 |
| Stddev | .065   | .00150 | .00165 | .093   | .00028 | .00483 | .054   | .013   | .00203 |
| %RSD   | .10215 | .42725 | .68618 | .44647 | .05914 | .89734 | .06439 | .09177 | .25852 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 63.717 | .35330 | .24140 | 20.827 | .47891 | .53474 | 83.273 | 14.153 | .78326 |
| #2 | 63.809 | .35117 | .23907 | 20.959 | .47851 | .54157 | 83.197 | 14.171 | .78613 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | .23114 | .26233 | 5.862  | 2.6864 |
| Stddev | .00375 | .00025 | .003   | .0006  |
| %RSD   | 1.6245 | .09518 | .0421  | .02249 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .22848 | .26216 | 6.864 | 2.6859 |
| #2 | .23379 | .26251 | 6.860 | 2.6868 |

Sample Name: I5057-01A      Acquired: 9/11/2017 12:48:20      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      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       | 2482.6  | 36918.  | 3073.5  | 34.920 | 2756.9 |
| Stddev    | 4.5     | 151.    | 2.7     | .684   | 1.1    |
| %RSD      | .18158  | .40988  | .04368  | .80571 | .04055 |
| #1        | 2479.4  | 36811.  | 6075.4  | 84.436 | 2756.1 |
| #2        | 2485.8  | 37025.  | 6071.6  | 85.404 | 2757.7 |

Sample Name: I5057-04      Acquired: 9/11/2017 12:52:15      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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    | .00171 | .00241 | .00025 | .02316 | .00323 | .04805 | .04506 | .00003 |
| Stddev | .00101 | .00429 | .00020 | .00137 | .00143 | .01739 | .00002 | .00009 |
| %RSD   | 59.125 | 177.71 | 80.727 | 5.9054 | 44.287 | 36.186 | .03559 | 298.92 |

|    |         |         |        |         |         |        |        |         |
|----|---------|---------|--------|---------|---------|--------|--------|---------|
| #1 | -.00099 | -.00545 | .00039 | -.02220 | -.00425 | .03575 | .04507 | .00009  |
| #2 | -.00242 | .00062  | .00011 | -.02413 | -.00222 | .06034 | .04505 | -.00003 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00024 | 248.59 | .00133 | .00018 | .00033 | .14497 | 1.2749 | 33.501 |
| Stddev | .00005 | .54    | .00033 | .00000 | .00004 | .01151 | .0021  | .102   |
| %RSD   | 22.904 | .21647 | 24.475 | 2.0525 | 12.764 | 7.9413 | .16756 | .30540 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00028 | 248.21 | .00110 | .00019 | .00030 | .13683 | 1.2734 | 33.429 |
| #2 | .00020 | 248.97 | .00156 | .00018 | .00036 | .15311 | 1.2764 | 33.574 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00260 | .00103 | 74.034 | .00042 | .00800 | 5.5743 | .00076 | .12565 |
| Stddev | .00061 | .00029 | .035   | .00037 | .00032 | .0542  | .00012 | .00369 |
| %RSD   | 23.624 | 28.421 | .04753 | 88.477 | 4.0237 | .97268 | 15.800 | 2.9342 |

|    |        |         |        |         |        |        |        |        |
|----|--------|---------|--------|---------|--------|--------|--------|--------|
| #1 | .00216 | -.00082 | 74.009 | -.00069 | .00822 | 5.5360 | .00067 | .12304 |
| #2 | .00303 | -.00124 | 74.059 | -.00016 | .00777 | 5.6127 | .00084 | .12826 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | 55.077 | 9.8007 | .00102 | .00187 | .00573 | .0010  | 1.0207 |  |
| Stddev | .153   | .0575  | .00057 | .00132 | .00050 | .0008  | .0018  |  |
| %RSD   | .27690 | .58659 | 55.903 | 70.308 | 8.7298 | 73.88  | .17625 |  |

|    |        |        |        |         |        |        |        |  |
|----|--------|--------|--------|---------|--------|--------|--------|--|
| #1 | 54.969 | 9.7600 | .00062 | -.00280 | .00538 | -.0016 | 1.0194 |  |
| #2 | 55.185 | 9.8413 | .00143 | -.00094 | .00608 | -.0005 | 1.0219 |  |

Sample Name: I5057-04      Acquired: 9/11/2017 12:52:15      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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       | 2542.8  | 37286.  | 6191.0  | 33.117 | 2846.6 |
| Stddev    | 2.9     | 98.     | 11.2    | 1.062  | 3.0    |
| %RSD      | .11387  | .26332  | .18094  | 1.2781 | .10370 |
| #1        | 2544.8  | 37216.  | 6199.0  | 82.365 | 2848.7 |
| #2        | 2540.7  | 37355.  | 6183.1  | 83.868 | 2844.6 |

Sample Name: PB102012BL      Acquired: 9/11/2017 12:56:22      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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    | .00219 | .00117 | .00061 | .00183 | .00075 | .00662 | .00058 | .00003 |
| Stddev | .00417 | .00097 | .00119 | .00276 | .00248 | .01052 | .00026 | .00001 |
| %RSD   | 190.09 | 83.615 | 193.65 | 150.82 | 329.25 | 159.01 | 45.630 | 32.426 |

|    |         |        |         |         |         |         |        |        |
|----|---------|--------|---------|---------|---------|---------|--------|--------|
| #1 | .00076  | .00185 | .00023  | .00012  | -.00100 | -.00082 | .00039 | .00004 |
| #2 | -.00514 | .00048 | -.00145 | -.00378 | .00251  | .01406  | .00076 | .00003 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00003 | .00372 | .00019 | .00006 | .00063 | .00995 | .00009 | .00309 |
| Stddev | .00010 | .01393 | .00056 | .00006 | .00004 | .01401 | .00005 | .02283 |
| %RSD   | 291.23 | 374.91 | 291.76 | 103.81 | 6.9141 | 140.84 | 55.152 | 738.57 |

|    |         |         |         |        |         |        |         |         |
|----|---------|---------|---------|--------|---------|--------|---------|---------|
| #1 | -.00004 | .01357  | -.00021 | .00001 | -.00066 | .01986 | -.00012 | .01924  |
| #2 | .00010  | -.00614 | .00059  | .00010 | -.00060 | .00004 | -.00005 | -.01305 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00034 | .00074 | .07569 | .00019 | .00014 | .02624 | .00006 | .00238 |
| Stddev | .00024 | .00005 | .01014 | .00023 | .00001 | .00213 | .00035 | .00394 |
| %RSD   | 68.497 | 6.6488 | 13.400 | 119.68 | 9.5189 | 8.1224 | 600.62 | 165.18 |

|    |        |         |         |        |         |         |         |         |
|----|--------|---------|---------|--------|---------|---------|---------|---------|
| #1 | .00018 | -.00070 | -.06852 | .00035 | -.00015 | -.02774 | .00030  | -.00040 |
| #2 | .00051 | -.00077 | -.08286 | .00003 | -.00013 | -.02473 | -.00019 | .00517  |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .00500 | .01063 | .00012 | .00045 | .00646 | .0018  | .00005 |  |
| Stddev | .00174 | .00233 | .00100 | .00134 | .00045 | .0012  | .00002 |  |
| %RSD   | 34.861 | 21.965 | 834.62 | 296.24 | 6.9870 | 65.82  | 31.947 |  |

|    |        |         |         |         |         |        |         |  |
|----|--------|---------|---------|---------|---------|--------|---------|--|
| #1 | .00377 | -.01228 | .00059  | -.00049 | -.00678 | -.0010 | -.00007 |  |
| #2 | .00623 | -.00898 | -.00083 | .00140  | -.00614 | -.0027 | -.00004 |  |

Sample Name: PB102012BL      Acquired: 9/11/2017 12:56:22      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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       | 2817.4  | 40749.  | 3394.2  | 90.818 | 3220.0 |
| Stddev    | .9      | 53.     | 62.3    | .296   | 9.7    |
| %RSD      | .03338  | .13035  | .97397  | .32559 | .30254 |
| #1        | 2816.8  | 40712.  | 6350.1  | 91.027 | 3213.1 |
| #2        | 2818.1  | 40787.  | 6438.2  | 90.609 | 3226.9 |

Sample Name: PB102012BS      Acquired: 9/11/2017 13:00:32      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .82017 | 2.0479 | 1.0088 | 1.9830 | .81698 | 2.1168 | .22388 |
| Stddev | .00145 | .0001  | .0018  | .0058  | .00287 | .0357  | .00123 |
| %RSD   | .17622 | .00252 | .18268 | .29082 | .35154 | 1.6877 | .54718 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .82119 | 2.0479 | 1.0101 | 1.9789 | .81901 | 2.1421 | .22474 |
| #2 | .81915 | 2.0478 | 1.0075 | 1.9871 | .81495 | 2.0916 | .22301 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .20350 | .20149 | 1.1406 | .43887 | .20642 | .32534 | 3.1728 |
| Stddev | .00070 | .00010 | .0080  | .00359 | .00034 | .00063 | .0514  |
| %RSD   | .34335 | .04894 | .70151 | .81741 | .16448 | .19259 | 1.6188 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .20400 | .20156 | 1.1463 | .44140 | .20666 | .32578 | 3.1364 |
| #2 | .20301 | .20142 | 1.1350 | .43633 | .20618 | .32489 | 3.2091 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .22174 | 2.2031 | .51739 | .07369 | 3.2140 | .32429 | .20805 |
| Stddev | .00100 | .0081  | .00228 | .00074 | .0004  | .00099 | .00390 |
| %RSD   | .45220 | .36720 | .44001 | 1.0064 | .01219 | .30661 | 1.8769 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .22245 | 2.2089 | .51578 | .07421 | 3.2142 | .32500 | .20529 |
| #2 | .22103 | 2.1974 | .51900 | .07316 | 3.2137 | .32359 | .21081 |

|        |        |        |        |          |        |        |        |
|--------|--------|--------|--------|----------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820   | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm      | ppm    | ppm    | ppm    |
| Avg    | 10.952 | .43309 | .31871 | F .00024 | .90986 | .69894 | .21940 |
| Stddev | .022   | .00293 | .00406 | .00137   | .02038 | .00071 | .00011 |
| %RSD   | .20129 | .67657 | 1.2739 | 572.40   | 2.2398 | .10227 | .04928 |

|    |        |        |        |         |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|
| #1 | 10.967 | .43516 | .31584 | -.00121 | .89545 | .69843 | .21948 |
| #2 | 10.936 | .43101 | .32158 | .00073  | .92427 | .69944 | .21933 |



Sample Name: PB102012BS      Acquired: 9/11/2017 13:00:32      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |
|--------|--------|--------|--------|
| Elem   | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    |
| Avg    | .21306 | 5.787  | .22651 |
| Stddev | .00143 | .004   | .00104 |
| %RSD   | .67331 | .0656  | .45809 |

|    |        |       |        |
|----|--------|-------|--------|
| #1 | .21205 | 5.784 | .22725 |
| #2 | .21408 | 5.790 | .22578 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2709.0  | 40212.  | 3326.2  | 39.662 | 3134.2 |
| Stddev    | 6.4     | 332.    | 30.9    | 1.854  | 1.2    |
| %RSD      | .23704  | .82485  | .48808  | 2.0674 | .03767 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2704.5 | 39978. | 6348.0 | 90.973 | 3133.4 |
| #2 | 2713.6 | 40447. | 6304.3 | 88.351 | 3135.0 |

Sample Name: I5078-03      Acquired: 9/11/2017 13:04:30      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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    | .01211 | .00084 | .02617 | .01583 | .00031 | 3.1456 | .34364 | .00054 |
| Stddev | .00300 | .00218 | .00112 | .00065 | .00128 | .0368  | .00007 | .00005 |
| %RSD   | 24.777 | 260.86 | 4.2674 | 4.0966 | 414.37 | 1.1702 | .01926 | 8.5564 |

|    |        |         |        |         |         |        |        |        |
|----|--------|---------|--------|---------|---------|--------|--------|--------|
| #1 | .00999 | .00071  | .02696 | -.01538 | .00059  | 3.1196 | .34360 | .00057 |
| #2 | .01423 | -.00238 | .02538 | -.01629 | -.00121 | 3.1716 | .34369 | .00051 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00030 | 243.35 | .00682 | .02521 | .01509 | 36.062 | 5.3476 | 30.742 |
| Stddev | .00012 | .17    | .00048 | .00036 | .00000 | .312   | .0015  | .029   |
| %RSD   | 40.738 | .07169 | 7.0142 | 1.4444 | .02810 | .47194 | .02865 | .09383 |

|    |         |        |        |        |         |        |        |        |
|----|---------|--------|--------|--------|---------|--------|--------|--------|
| #1 | -.00022 | 243.23 | .00648 | .02546 | -.01509 | 66.282 | 5.3487 | 30.762 |
| #2 | -.00039 | 243.47 | .00716 | .02495 | -.01510 | 65.841 | 5.3465 | 30.722 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01383 | .00255 | 73.010 | .00323 | .03383 | 17.047 | .00041 | .43326 |
| Stddev | .00046 | .00018 | .075   | .00061 | .00034 | .006   | .00007 | .01318 |
| %RSD   | 3.3140 | 7.1409 | .10250 | 18.888 | .99400 | .03569 | 16.810 | 3.0413 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .01350 | -.00268 | 73.063 | .00280 | .03406 | 17.043 | .00036 | .44257 |
| #2 | .01415 | -.00242 | 72.957 | .00366 | .03359 | 17.052 | .00046 | .42394 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | 2.3533 | 20.054 | .00260 | .05011 | .01340 | .0983  | 1.0382 |  |
| Stddev | .0058  | .111   | .00119 | .00682 | .00074 | .0012  | .0015  |  |
| %RSD   | .24825 | .55242 | 45.568 | 13.615 | 5.5192 | 1.238  | .14120 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | 2.3574 | 19.975 | .00344 | .04529 | .01392 | .0975 | 1.0392 |  |
| #2 | 2.3491 | 20.132 | .00176 | .05494 | .01288 | .0992 | 1.0371 |  |

Sample Name: I5078-03      Acquired: 9/11/2017 13:04:30      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      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       | 2544.0  | 37405.  | 3246.3  | 35.251 | 2795.6 |
| Stddev    | 4.6     | 150.    | 44.1    | .759   | 11.4   |
| %RSD      | .18115  | .40195  | .70649  | .89049 | .40782 |
| #1        | 2540.7  | 37298.  | 6215.1  | 84.714 | 2787.5 |
| #2        | 2547.2  | 37511.  | 6277.5  | 85.788 | 2803.7 |

Sample Name: CCV02      Acquired: 9/11/2017 13:08:37      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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    | 5.1003 | 5.0659 | 5.0294 | 5.0503 | 5.0612 | 10.286 | 10.280 | .25596 | 2.5016 |
| Stddev | .0080  | .0063  | .0024  | .0072  | .0112  | .008   | .009   | .00034 | .0014  |
| %RSD   | .15662 | .12392 | .04730 | .14286 | .22161 | .07822 | .08527 | .13149 | .05441 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 5.0946 | 5.0704 | 5.0310 | 5.0554 | 5.0533 | 10.292 | 10.286 | .25620 | 2.5026 |
| #2 | 5.1059 | 5.0615 | 5.0277 | 5.0452 | 5.0691 | 10.280 | 10.273 | .25572 | 2.5006 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 25.469 | 1.0395 | 2.5001 | 1.2704 | 5.2055 | 2.5738 | 25.479 | 2.5080 | 1.2983 |
| Stddev | .027   | .0001  | .0014  | .0016  | .0866  | .0044  | .054   | .0038  | .0008  |
| %RSD   | .10444 | .00526 | .05588 | .12307 | 1.6636 | .17053 | .21326 | .15264 | .06095 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 25.488 | 1.0396 | 2.4991 | 1.2693 | 5.1442 | 2.5770 | 25.440 | 2.5107 | 1.2989 |
| #2 | 25.450 | 1.0395 | 2.5011 | 1.2715 | 5.2667 | 2.5707 | 25.517 | 2.5053 | 1.2978 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 25.346 | 2.5410 | 2.5803 | 25.689 | 5.1123 | 5.1629 | 4.9941 | 5.1565 | 5.0371 |
| Stddev | .050   | .0050  | .0240  | .080   | .0075  | .0191  | .0035  | .0398  | .0092  |
| %RSD   | .19690 | .19588 | .93048 | .31293 | .14747 | .36906 | .07056 | .77254 | .18185 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 25.382 | 2.5446 | 2.5633 | 25.632 | 5.1069 | 5.1495 | 4.9966 | 5.1284 | 5.0436 |
| #2 | 25.311 | 2.5375 | 2.5973 | 25.746 | 5.1176 | 5.1764 | 4.9916 | 5.1847 | 5.0306 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 5.2459 | 5.1453 | 5.215  | 5.2771 |
| Stddev | .0159  | .0095  | .008   | .0035  |
| %RSD   | .30253 | .18463 | .1563  | .06666 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 5.2347 | 5.1520 | 5.209 | 5.2746 |
| #2 | 5.2571 | 5.1385 | 5.221 | 5.2796 |

Sample Name: CCV02      Acquired: 9/11/2017 13:08:37      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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       | 2716.6  | 39324.  | 3377.8  | 36.969 | 2995.8 |
| Stddev    | 8.4     | 97.     | 7.4     | .949   | 4.8    |
| %RSD      | .30985  | .24668  | .11661  | 1.0913 | .16159 |
| #1        | 2722.6  | 39255.  | 6372.6  | 87.640 | 2999.2 |
| #2        | 2710.7  | 39393.  | 6383.1  | 86.297 | 2992.4 |

Sample Name: CCB02      Acquired: 9/11/2017 13:12:34      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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    | .00127 | .00021 | .00107 | .00469 | .00037 | .00280 | .00033 | .00003 |
| Stddev | .00005 | .00099 | .00075 | .00050 | .00046 | .01602 | .00023 | .00002 |
| %RSD   | 4.2409 | 463.68 | 69.700 | 10.758 | 125.24 | 572.63 | 68.457 | 56.253 |

|    |         |         |         |         |        |         |         |        |
|----|---------|---------|---------|---------|--------|---------|---------|--------|
| #1 | -.00123 | .00092  | -.00054 | -.00433 | .00070 | -.01413 | -.00017 | .00002 |
| #2 | -.00131 | -.00049 | -.00160 | -.00505 | .00004 | .00853  | -.00049 | .00004 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00015 | .01660 | .00011 | .00002 | .00042 | .00791 | .00000 | .02217 |
| Stddev | .00003 | .00679 | .00049 | .00007 | .00024 | .00045 | .00007 | .01958 |
| %RSD   | 22.855 | 40.881 | 459.12 | 388.79 | 56.772 | 5.6977 | 1404.0 | 88.312 |

|    |        |        |         |         |         |        |         |        |
|----|--------|--------|---------|---------|---------|--------|---------|--------|
| #1 | .00013 | .01180 | -.00024 | .00003  | -.00059 | .00822 | -.00004 | .00833 |
| #2 | .00018 | .02140 | .00045  | -.00007 | -.00025 | .00759 | .00005  | .03602 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00002 | .00049 | .07811 | .00026 | .00016 | .03642 | .00265 | .00445 |
| Stddev | .00009 | .00031 | .00433 | .00048 | .00008 | .00057 | .00067 | .00512 |
| %RSD   | 455.51 | 63.724 | 5.5471 | 184.36 | 51.162 | 1.5758 | 25.311 | 115.19 |

|    |         |         |         |         |         |         |        |        |
|----|---------|---------|---------|---------|---------|---------|--------|--------|
| #1 | .00004  | -.00027 | -.08117 | .00008  | -.00010 | -.03683 | .00312 | .00807 |
| #2 | -.00008 | -.00071 | -.07505 | -.00060 | -.00022 | -.03602 | .00217 | .00083 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .00020 | .01351 | .00107 | .00058 | .00531 | .0008  | .00001 |  |
| Stddev | .00246 | .00616 | .00097 | .00087 | .00264 | .0001  | .00000 |  |
| %RSD   | 1237.1 | 45.623 | 90.469 | 150.49 | 49.691 | 8.163  | 17.697 |  |

|    |         |         |        |         |         |        |         |  |
|----|---------|---------|--------|---------|---------|--------|---------|--|
| #1 | .00154  | -.00915 | .00039 | .00119  | -.00718 | -.0008 | -.00002 |  |
| #2 | -.00194 | -.01786 | .00176 | -.00004 | -.00345 | -.0009 | -.00001 |  |

Sample Name: CCB02      Acquired: 9/11/2017 13:12:34      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      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       | 2787.3  | 40554.  | 6398.9  | 92.489 | 3205.5 |
| Stddev    | .8      | 19.     | 50.1    | 1.732  | 3.7    |
| %RSD      | .02753  | .04748  | .78258  | 1.8731 | .11405 |
| #1        | 2787.8  | 40567.  | 6363.5  | 93.714 | 3202.9 |
| #2        | 2786.7  | 40540.  | 6434.3  | 91.264 | 3208.1 |

Sample Name: PB102092BL      Acquired: 9/11/2017 13:16:45      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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    | .00113 | .00021 | .00020 | .00391 | .00053 | .00361 | .00047 | .00005 |
| Stddev | .00397 | .00124 | .00018 | .00023 | .00104 | .00485 | .00003 | .00011 |
| %RSD   | 350.69 | 594.24 | 90.733 | 5.8147 | 196.57 | 134.26 | 6.5058 | 225.20 |

|    |         |         |         |         |         |         |        |         |
|----|---------|---------|---------|---------|---------|---------|--------|---------|
| #1 | -.00394 | -.00108 | -.00007 | -.00407 | .00126  | -.00704 | .00045 | -.00003 |
| #2 | .00167  | .00067  | -.00033 | -.00375 | -.00021 | -.00018 | .00049 | .00013  |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00011 | .01015 | .00007 | .00007 | .00020 | .00154 | .00003 | .00813 |
| Stddev | .00004 | .00669 | .00045 | .00008 | .00001 | .00315 | .00001 | .03120 |
| %RSD   | 39.837 | 65.912 | 604.87 | 114.68 | 4.1366 | 205.18 | 21.139 | 383.53 |

|    |        |        |         |         |         |         |         |         |
|----|--------|--------|---------|---------|---------|---------|---------|---------|
| #1 | .00014 | .01488 | -.00039 | -.00001 | -.00019 | .00069  | -.00003 | -.03019 |
| #2 | .00008 | .00542 | .00024  | -.00012 | -.00021 | -.00377 | -.00004 | .01393  |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00019 | .00011 | .08908 | .00034 | .00006 | .05285 | .00050 | .00140 |
| Stddev | .00032 | .00007 | .00132 | .00024 | .00007 | .00482 | .00027 | .00262 |
| %RSD   | 167.62 | 63.619 | 1.4865 | 71.708 | 129.28 | 9.1178 | 55.223 | 187.87 |

|    |         |        |         |        |         |         |        |         |
|----|---------|--------|---------|--------|---------|---------|--------|---------|
| #1 | .00004  | .00006 | -.09002 | .00051 | -.00011 | -.05626 | .00069 | -.00046 |
| #2 | -.00042 | .00016 | -.08815 | .00017 | .00000  | -.04944 | .00030 | .00325  |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .00212 | .00718 | .00022 | .00068 | .00661 | .0001  | .00010 |  |
| Stddev | .00242 | .00057 | .00002 | .00222 | .00032 | .0003  | .00004 |  |
| %RSD   | 114.26 | 7.9414 | 8.1251 | 326.39 | 4.7705 | 221.6  | 36.068 |  |

|    |         |         |         |         |         |        |         |  |
|----|---------|---------|---------|---------|---------|--------|---------|--|
| #1 | -.00384 | -.00759 | -.00021 | -.00089 | -.00683 | .0004  | -.00007 |  |
| #2 | -.00041 | -.00678 | -.00023 | .00225  | -.00639 | -.0001 | -.00012 |  |



Sample Name: PB102092BL      Acquired: 9/11/2017 13:16:45      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      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       | 2772.2  | 40898.  | 3418.6  | 91.130 | 3189.3 |
| Stddev    | 7.5     | 155.    | 15.3    | 1.572  | 11.7   |
| %RSD      | .27099  | .38010  | .23846  | 1.7247 | .36615 |
| #1        | 2766.9  | 40788.  | 6407.8  | 90.018 | 3181.0 |
| #2        | 2777.5  | 41008.  | 6429.4  | 92.241 | 3197.5 |

Sample Name: PB102092BS      Acquired: 9/11/2017 13:20:57      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .79272 | 1.9893 | .97804 | 1.9328 | .80274 | 2.0089 | .21376 |
| Stddev | .00192 | .0029  | .00210 | .0005  | .00183 | .0208  | .00023 |
| %RSD   | .24176 | .14843 | .21518 | .02706 | .22735 | 1.0355 | .10629 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .79408 | 1.9872 | .97655 | 1.9331 | .80403 | 2.0236 | .21360 |
| #2 | .79137 | 1.9914 | .97953 | 1.9324 | .80145 | 1.9942 | .21392 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .20050 | .19541 | 1.0604 | .42207 | .19785 | .31394 | 3.0566 |
| Stddev | .00010 | .00067 | .0192  | .00023 | .00012 | .00079 | .0011  |
| %RSD   | .04919 | .34293 | 1.8060 | .05397 | .05964 | .25156 | .03563 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .20043 | .19494 | 1.0740 | .42223 | .19776 | .31450 | 3.0573 |
| #2 | .20057 | .19589 | 1.0469 | .42190 | .19793 | .31338 | 3.0558 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .21242 | 2.1114 | .49783 | .07287 | 3.0737 | .31023 | .20410 |
| Stddev | .00050 | .0236  | .00047 | .00004 | .0047  | .00070 | .00077 |
| %RSD   | .23424 | 1.1155 | .09386 | .05789 | .15201 | .22436 | .37530 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .21207 | 2.0948 | .49816 | .07290 | 3.0704 | .30974 | .20464 |
| #2 | .21277 | 2.1281 | .49750 | .07284 | 3.0770 | .31072 | .20356 |

|        |        |        |        |          |        |        |        |
|--------|--------|--------|--------|----------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820   | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm      | ppm    | ppm    | ppm    |
| Avg    | 10.485 | .41632 | .30585 | F .00438 | .88442 | .68386 | .21097 |
| Stddev | .030   | .00001 | .00748 | .00071   | .00514 | .00325 | .00213 |
| %RSD   | .28396 | .00228 | 2.4456 | 16.301   | .58152 | .47501 | 1.0087 |

|    |        |        |        |         |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|
| #1 | 10.506 | .41633 | .30056 | -.00387 | .88806 | .68156 | .21248 |
| #2 | 10.464 | .41632 | .31114 | -.00488 | .88079 | .68616 | .20947 |

Sample Name: PB102092BS      Acquired: 9/11/2017 13:20:57      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |
|--------|--------|--------|--------|
| Elem   | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    |
| Avg    | .20242 | 5.667  | .21320 |
| Stddev | .00063 | .024   | .00040 |
| %RSD   | .31231 | .4211  | .18899 |

|    |        |       |        |
|----|--------|-------|--------|
| #1 | .20198 | 5.650 | .21348 |
| #2 | .20287 | 5.684 | .21291 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2733.8  | 40100.  | 3318.0  | 39.250 | 3144.7 |
| Stddev    | 6.3     | 135.    | 8.5     | .367   | .6     |
| %RSD      | .22895  | .33569  | .13437  | .41163 | .01776 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2729.4 | 40005. | 6324.0 | 88.990 | 3144.3 |
| #2 | 2738.2 | 40195. | 6312.0 | 89.509 | 3145.1 |

Sample Name: I5109-01      Acquired: 9/11/2017 13:24:56      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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    | .02009 | .00234 | .40627 | .01195 | .01422 | 16.003 | 1.1607 | .00134 |
| Stddev | .00099 | .00187 | .00051 | .00142 | .00135 | .003   | .0037  | .00006 |
| %RSD   | 4.9388 | 79.837 | .12512 | 11.859 | 9.4722 | .01777 | .32080 | 4.5856 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .01939 | -.00366 | .40591 | .01296 | .01327 | 16.005 | 1.1581 | .00139 |
| #2 | .02080 | -.00102 | .40663 | .01095 | .01517 | 16.001 | 1.1633 | .00130 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00030 | 44.479 | .03721 | .01615 | .13816 | 33.194 | .96993 | 17.262 |
| Stddev | .00001 | .214   | .00004 | .00024 | .00043 | .486   | .00159 | .078   |
| %RSD   | 2.4159 | .48140 | .09969 | 1.4937 | .31264 | .52125 | .16424 | .45356 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00029 | 44.328 | .03723 | .01632 | .13847 | 92.851 | .96881 | 17.207 |
| #2 | .00030 | 44.631 | .03718 | .01598 | .13786 | 93.538 | .97106 | 17.318 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .03329 | .00385 | 100.26 | .06535 | 2.3256 | 3.1253 | .00358 | .43829 |
| Stddev | .00038 | .00000 | .46    | .00007 | .0110  | .0861  | .00010 | .00125 |
| %RSD   | 1.1522 | .10399 | .46288 | .10978 | .47067 | .94350 | 2.6803 | .28504 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .03301 | -.00384 | 99.929 | .06530 | 2.3178 | 9.0644 | .00364 | .43741 |
| #2 | .03356 | -.00385 | 100.59 | .06541 | 2.3333 | 9.1862 | .00351 | .43917 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 9.3854 | 25.819 | .01982 | .77768 | .02867 | 1.030  | .28328 |
| Stddev | .0150  | .151   | .00113 | .01027 | .00100 | .006   | .00103 |
| %RSD   | .15955 | .58345 | 5.7049 | 1.3203 | 3.4806 | .6248  | .36383 |

|    |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|-------|--------|
| #1 | 9.3748 | 25.712 | .02062 | .77042 | .02797 | 1.026 | .28255 |
| #2 | 9.3959 | 25.925 | .01902 | .78494 | .02938 | 1.035 | .28401 |

Sample Name: I5109-01      Acquired: 9/11/2017 13:24:56      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      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       | 2668.0  | 38940.  | 3544.8  | 38.434 | 2931.1 |
| Stddev    | 12.6    | 106.    | 24.2    | .066   | 7.7    |
| %RSD      | .47175  | .27190  | .36938  | .07420 | .26319 |
| #1        | 2659.1  | 38865.  | 6561.9  | 88.481 | 2925.7 |
| #2        | 2676.9  | 39015.  | 6527.8  | 88.388 | 2936.6 |

Sample Name: I5109-01DUP      Acquired: 9/11/2017 13:29:00      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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    | .02278 | .00205 | .40591 | .01624 | .01458 | 15.903 | 1.1566 | .00117 |
| Stddev | .00361 | .00122 | .00138 | .00079 | .00069 | .047   | .0021  | .00003 |
| %RSD   | 15.859 | 59.193 | .33883 | 4.8665 | 4.7236 | .29756 | .18290 | 2.3867 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .02533 | -.00119 | .40494 | .01680 | .01409 | 15.937 | 1.1581 | .00115 |
| #2 | .02022 | -.00291 | .40688 | .01568 | .01507 | 15.870 | 1.1551 | .00119 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00027 | 44.426 | .03718 | .01624 | .13847 | 94.084 | .96747 | 17.205 |
| Stddev | .00002 | .095   | .00017 | .00005 | .00149 | .571   | .00122 | .022   |
| %RSD   | 9.1842 | .21438 | .45422 | .32449 | 1.0729 | .60639 | .12607 | .12618 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00029 | 44.358 | .03706 | .01620 | .13953 | 94.488 | .96661 | 17.190 |
| #2 | .00025 | 44.493 | .03730 | .01628 | .13742 | 93.681 | .96834 | 17.221 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .03334 | .00372 | 100.17 | .06605 | 2.3400 | 9.0909 | .00341 | .43316 |
| Stddev | .00035 | .00018 | .01    | .00038 | .0050  | .0522  | .00017 | .00332 |
| %RSD   | 1.0467 | 4.8074 | .01043 | .58199 | .21512 | .57474 | 4.8770 | .76701 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .03310 | -.00359 | 100.18 | .06632 | 2.3435 | 9.1279 | .00353 | .43081 |
| #2 | .03359 | -.00384 | 100.17 | .06578 | 2.3364 | 9.0540 | .00330 | .43551 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 9.3638 | 25.487 | .01996 | .76834 | .02764 | 1.024  | .28184 |
| Stddev | .0083  | .010   | .00018 | .00155 | .00247 | .001   | .00041 |
| %RSD   | .08919 | .04036 | .89671 | .20185 | 8.9178 | .1027  | .14687 |

|    |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|-------|--------|
| #1 | 9.3697 | 25.479 | .02009 | .76724 | .02590 | 1.025 | .28213 |
| #2 | 9.3579 | 25.494 | .01983 | .76943 | .02938 | 1.023 | .28155 |

Sample Name: I5109-01DUP      Acquired: 9/11/2017 13:29:00      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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       | 2668.3  | 39183.  | 3598.4  | 37.964 | 2929.2 |
| Stddev    | 13.5    | 211.    | 22.6    | .418   | 6.9    |
| %RSD      | .50586  | .53883  | .34195  | .47520 | .23695 |
| #1        | 2658.8  | 39034.  | 6582.5  | 87.668 | 2924.3 |
| #2        | 2677.8  | 39332.  | 6614.4  | 88.259 | 2934.1 |

Sample Name: I5109-01LX5      Acquired: 9/11/2017 13:33:04      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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    | .00119 | .00107 | .08241 | .00250 | .00402 | 3.4015 | .23598 | .00040 |
| Stddev | .00311 | .00055 | .00008 | .00234 | .00068 | .0242  | .00075 | .00000 |
| %RSD   | 261.36 | 51.201 | .09619 | 93.852 | 16.890 | .71010 | .31957 | 1.1818 |

|    |         |         |        |        |        |        |        |        |
|----|---------|---------|--------|--------|--------|--------|--------|--------|
| #1 | -.00101 | -.00145 | .08247 | .00415 | .00354 | 3.3844 | .23651 | .00040 |
| #2 | .00339  | -.00068 | .08236 | .00084 | .00450 | 3.4186 | .23544 | .00041 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00001 | 9.2053 | .00869 | .00334 | .02939 | 19.039 | .20341 | 3.6629 |
| Stddev | .00013 | .0233  | .00050 | .00006 | .00038 | .578   | .00102 | .0543  |
| %RSD   | 1018.3 | .25369 | 5.7024 | 1.9180 | 1.2965 | 3.0384 | .50036 | 1.4830 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00011  | 9.2218 | .00905 | .00329 | .02966 | 18.630 | .20413 | 3.6245 |
| #2 | -.00008 | 9.1887 | .00834 | .00338 | .02912 | 19.448 | .20269 | 3.7014 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00658 | .00146 | 20.222 | .01336 | .49485 | 1.8973 | .00060 | .08617 |
| Stddev | .00008 | .00000 | .040   | .00042 | .01308 | .0348  | .00001 | .00372 |
| %RSD   | 1.1492 | .23360 | .19802 | 3.1474 | 2.6426 | 1.8366 | 1.2825 | 4.3174 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .00653 | -.00146 | 20.251 | .01365 | .48560 | 1.8727 | .00059 | .08354 |
| #2 | .00663 | -.00146 | 20.194 | .01306 | .50410 | 1.9220 | .00060 | .08880 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.8631 | 6.2269 | .00451 | .18574 | .00262 | .2042  | .05705 |
| Stddev | .0032  | .0353  | .00166 | .00047 | .00053 | .0015  | .00043 |
| %RSD   | .17171 | .56688 | 36.749 | .25537 | 20.154 | .7121  | .75818 |

|    |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|-------|--------|
| #1 | 1.8608 | 6.2020 | .00334 | .18541 | .00300 | .2032 | .05736 |
| #2 | 1.8654 | 6.2519 | .00568 | .18608 | .00225 | .2052 | .05674 |



Sample Name: I5109-01LX5      Acquired: 9/11/2017 13:33:04      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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       | 2762.8  | 40390.  | 3486.9  | 90.097 | 3141.3 |
| Stddev    | .1      | 273.    | 27.5    | 2.302  | .3     |
| %RSD      | .00399  | .67698  | .42348  | 2.5554 | .01103 |
| #1        | 2762.9  | 40196.  | 6467.4  | 91.725 | 3141.5 |
| #2        | 2762.8  | 40583.  | 6506.3  | 88.469 | 3141.0 |

Sample Name: I5109-01MS      Acquired: 9/11/2017 13:37:12      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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    | .88368 | 2.1207 | 1.4645 | 2.0944 | .83423 | 19.259 | 1.4188 | .21736 | .21220 |
| Stddev | .00433 | .0028  | .0034  | .0180  | .00159 | .052   | .0048  | .00005 | .00003 |
| %RSD   | .48951 | .13301 | .23440 | .85717 | .19036 | .26765 | .33951 | .02074 | .01430 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .88062 | 2.1187 | 1.4669 | 2.1071 | .83311 | 19.222 | 1.4223 | .21733 | .21222 |
| #2 | .88674 | 2.1227 | 1.4621 | 2.0817 | .83535 | 19.295 | 1.4154 | .21739 | .21217 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 47.743 | .48006 | .23327 | .46556 | 98.468 | 1.2106 | 20.155 | .57323 | .07418 |
| Stddev | .129   | .00001 | .00098 | .00185 | 1.325  | .0018  | .018   | .00082 | .00006 |
| %RSD   | .27006 | .00222 | .41811 | .39791 | 1.3460 | .15165 | .08732 | .14257 | .07901 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 47.834 | .48005 | .23258 | .46687 | 97.530 | 1.2119 | 20.142 | .57265 | .07414 |
| #2 | 47.651 | .48007 | .23396 | .46425 | 99.405 | 1.2093 | 20.167 | .57381 | .07422 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 108.22 | .40048 | 2.6399 | 20.515 | .44054 | .76914 | 9.6896 | 27.641 | .75008 |
| Stddev | .32    | .00117 | .0286  | .069   | .00041 | .00533 | .0056  | .002   | .00213 |
| %RSD   | .29884 | .29245 | 1.0820 | .33445 | .09333 | .69299 | .05787 | .00757 | .28455 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 108.45 | .40131 | 2.6197 | 20.564 | .44083 | .77291 | 9.6857 | 27.643 | .74857 |
| #2 | 108.00 | .39965 | 2.6601 | 20.467 | .44025 | .76537 | 9.6936 | 27.640 | .75159 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.0267 | .25330 | 7.460  | .51869 |
| Stddev | .0015  | .00177 | .002   | .00241 |
| %RSD   | .14948 | .69776 | .0322  | .46449 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 1.0278 | .25455 | 7.462 | .52039 |
| #2 | 1.0257 | .25205 | 7.458 | .51699 |

Sample Name: I5109-01MS      Acquired: 9/11/2017 13:37:12      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      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       | 2640.5  | 38893.  | 3482.9  | 36.011 | 2887.4 |
| Stddev    | 11.1    | 128.    | 44.3    | .592   | 9.0    |
| %RSD      | .42033  | .32826  | .68354  | .68803 | .31304 |
| #1        | 2632.7  | 38802.  | 6451.6  | 86.429 | 2881.0 |
| #2        | 2648.4  | 38983.  | 6514.2  | 85.592 | 2893.8 |

Sample Name: I5109-01MSD      Acquired: 9/11/2017 13:41:04      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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    | .88890 | 2.1198 | 1.4626 | 2.0901 | .83326 | 19.337 | 1.4240 | .21775 | .21209 |
| Stddev | .00756 | .0062  | .0089  | .0052  | .00112 | .066   | .0046  | .00097 | .00013 |
| %RSD   | .85025 | .29423 | .60850 | .24642 | .13447 | .34306 | .32181 | .44323 | .06353 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .89425 | 2.1242 | 1.4689 | 2.0937 | .83405 | 19.291 | 1.4208 | .21706 | .21200 |
| #2 | .88356 | 2.1154 | 1.4563 | 2.0864 | .83246 | 19.384 | 1.4272 | .21843 | .21219 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 47.953 | .48816 | .23338 | .46516 | 97.379 | 1.2156 | 20.040 | .57422 | .07443 |
| Stddev | .083   | .00024 | .00038 | .00180 | 2.357  | .0031  | .063   | .00068 | .00093 |
| %RSD   | .17234 | .04909 | .16126 | .38674 | 2.4204 | .25707 | .31320 | .11792 | 1.2536 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 47.895 | .48799 | .23311 | .46389 | 99.046 | 1.2133 | 20.084 | .57374 | .07509 |
| #2 | 48.012 | .48833 | .23364 | .46644 | 95.712 | 1.2178 | 19.996 | .57469 | .07377 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 108.47 | .40110 | 2.6352 | 20.643 | .43832 | .78568 | 9.7169 | 27.960 | .75156 |
| Stddev | .33    | .00071 | .0713  | .077   | .00050 | .00916 | .0195  | .091   | .00302 |
| %RSD   | .30496 | .17709 | 2.7053 | .37111 | .11317 | 1.1654 | .20080 | .32698 | .40232 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 108.24 | .40060 | 2.6856 | 20.589 | .43867 | .79216 | 9.7307 | 27.896 | .74942 |
| #2 | 108.70 | .40161 | 2.5848 | 20.697 | .43797 | .77921 | 9.7031 | 28.025 | .75370 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.0450 | .25588 | 7.496  | .52871 |
| Stddev | .0036  | .00156 | .000   | .00273 |
| %RSD   | .34605 | .60897 | .0009  | .51549 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 1.0476 | .25478 | 7.496 | .52678 |
| #2 | 1.0424 | .25698 | 7.496 | .53064 |

Sample Name: I5109-01MSD      Acquired: 9/11/2017 13:41:04      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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       | 2677.3  | 38974.  | 3472.5  | 36.738 | 2923.1 |
| Stddev    | 15.0    | 57.     | 7.0     | 2.631  | 11.4   |
| %RSD      | .55989  | .14710  | .10790  | 3.0335 | .38899 |
| #1        | 2666.7  | 38934.  | 6467.6  | 84.877 | 2915.1 |
| #2        | 2687.9  | 39015.  | 6477.5  | 88.598 | 2931.2 |

Sample Name: I5109-01A      Acquired: 9/11/2017 13:44:56      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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    | .77955 | 1.8607 | 1.3207 | 1.8456 | .76042 | 17.385 | 1.3315 | .19166 | .18653 |
| Stddev | .00256 | .0077  | .0010  | .0015  | .00356 | .028   | .0029  | .00122 | .00009 |
| %RSD   | .32836 | .41225 | .07839 | .08154 | .46863 | .15872 | .21525 | .63905 | .04865 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .78136 | 1.8661 | 1.3200 | 1.8467 | .76294 | 17.365 | 1.3335 | .19080 | .18660 |
| #2 | .77774 | 1.8552 | 1.3215 | 1.8446 | .75790 | 17.404 | 1.3295 | .19253 | .18647 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 44.769 | .42699 | .20616 | .41972 | .33832 | 1.1361 | 18.833 | .50689 | .06434 |
| Stddev | .021   | .00033 | .00011 | .00140 | 1.501  | .0012  | .008   | .00104 | .00024 |
| %RSD   | .04673 | .07770 | .05365 | .33456 | 1.6000 | .10811 | .04020 | .20462 | .37701 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 44.755 | .42676 | .20624 | .42071 | 94.893 | 1.1352 | 18.828 | .50616 | .06417 |
| #2 | 44.784 | .42723 | .20608 | .41873 | 92.770 | 1.1370 | 18.839 | .50763 | .06451 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 101.59 | .35609 | 2.4736 | 18.713 | .39529 | .70226 | 9.1948 | 26.223 | .67516 |
| Stddev | .28    | .00121 | .0430  | .009   | .00059 | .00858 | .0050  | .016   | .00203 |
| %RSD   | .27081 | .33849 | 1.7374 | .04634 | .14983 | 1.2221 | .05449 | .06165 | .30094 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 101.78 | .35524 | 2.5040 | 18.719 | .39571 | .70833 | 9.1983 | 26.211 | .67660 |
| #2 | 101.39 | .35695 | 2.4433 | 18.707 | .39487 | .69619 | 9.1912 | 26.234 | .67372 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | .96360 | .22525 | 6.650  | .47528 |
| Stddev | .01007 | .00047 | .017   | .00021 |
| %RSD   | 1.0447 | .21064 | .2552  | .04340 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .95648 | .22492 | 6.662 | .47543 |
| #2 | .97072 | .22559 | 6.638 | .47513 |

Sample Name: I5109-01A      Acquired: 9/11/2017 13:44:56      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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       | 2666.1  | 39129.  | 3499.8  | 37.529 | 2920.5 |
| Stddev    | 12.6    | 29.     | 12.3    | 1.767  | 10.0   |
| %RSD      | .47149  | .07506  | .18939  | 2.0192 | .34377 |
| #1        | 2657.2  | 39108.  | 6491.1  | 86.279 | 2913.4 |
| #2        | 2675.0  | 39149.  | 6508.5  | 88.779 | 2927.6 |

Sample Name: I5137-01      Acquired: 9/11/2017 13:49:54      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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    | .18837 | .00115 | .70131 | .04978 | .01132 | 151.79 | .89303 | .00916 |
| Stddev | .00247 | .00052 | .00375 | .00081 | .00262 | 1.18   | .00308 | .00007 |
| %RSD   | 1.3118 | 44.871 | .53436 | 1.6232 | 23.151 | .77567 | .34447 | .74848 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .18662 | .00151 | .70396 | .04921 | .01317 | 152.62 | .89521 | .00920 |
| #2 | .19011 | .00078 | .69866 | .05035 | .00946 | 150.96 | .89086 | .00911 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00110 | 23.064 | .21576 | .13578 | 13.399 | 273.08 | 5.3706 | 73.271 |
| Stddev | .00073 | .019   | .00114 | .00073 | .015   | 6.74   | .0121  | .001   |
| %RSD   | 66.071 | .08193 | .52712 | .53464 | .11179 | 2.4673 | .18994 | .00101 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00162 | 23.078 | .21495 | .13629 | 13.409 | 268.32 | 6.3791 | 73.271 |
| #2 | .00059 | 23.051 | .21656 | .13526 | 13.388 | 277.85 | 6.3620 | 73.270 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .31907 | .00605 | 3.2314 | .32016 | 1.1597 | 19.664 | .00312 | .26570 |
| Stddev | .00064 | .00107 | .0522  | .00097 | .0363  | .066   | .00021 | .01598 |
| %RSD   | .20053 | 17.640 | .63369 | .30273 | 3.1286 | .33677 | 6.6034 | 6.0156 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .31952 | -.00680 | 8.2682 | .32084 | 1.1340 | 19.711 | .00326 | .25440 |
| #2 | .31862 | -.00530 | 8.1945 | .31947 | 1.1853 | 19.617 | .00297 | .27700 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .45054 | 1.8701 | .02823 | 2.8624 | .31882 | 4.768  | .15126 |
| Stddev | .00519 | .0192  | .00030 | .0219  | .00167 | .028   | .00082 |
| %RSD   | 1.1518 | 1.0252 | 1.0558 | .76337 | .52289 | .5856  | .53955 |

|    |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|-------|--------|
| #1 | .44687 | 1.8566 | .02802 | 2.8779 | .32000 | 4.788 | .15184 |
| #2 | .45421 | 1.8837 | .02844 | 2.8470 | .31764 | 4.749 | .15068 |



Sample Name: I5137-01      Acquired: 9/11/2017 13:49:54      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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       | 3037.2  | 44761.  | 7448.1  | 38.686 | 2880.6 |
| Stddev    | 2.3     | 25.     | 15.3    | 2.554  | 7.8    |
| %RSD      | .07732  | .05559  | .20484  | 2.8795 | .26928 |
| #1        | 3035.5  | 44743.  | 7458.9  | 90.491 | 2875.2 |
| #2        | 3038.8  | 44778.  | 7437.3  | 86.880 | 2886.1 |

Sample Name: I5137-02      Acquired: 9/11/2017 13:53:58      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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    | .00202 | .00252 | .00891 | .00262 | .00072 | .04264 | .11633 | .00005 |
| Stddev | .00064 | .00127 | .00045 | .00118 | .00087 | .00229 | .00019 | .00001 |
| %RSD   | 31.698 | 50.531 | 5.0596 | 45.163 | 121.00 | 5.3755 | .16536 | 29.315 |

|    |        |         |        |         |         |        |        |         |
|----|--------|---------|--------|---------|---------|--------|--------|---------|
| #1 | .00157 | -.00342 | .00923 | -.00178 | -.00134 | .04102 | .11647 | -.00004 |
| #2 | .00247 | -.00162 | .00859 | -.00346 | -.00010 | .04426 | .11619 | -.00006 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00039 | .0406  | .00034 | .00000 | .04072 | .02252 | .05615 | .58377 |
| Stddev | .00003 | .0303  | .00013 | .0001  | .00027 | .00273 | .00022 | .01378 |
| %RSD   | 6.6917 | .50088 | 38.300 | 5023.8 | .67434 | 12.130 | .38697 | 2.3599 |

|    |        |        |        |         |        |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|--------|
| #1 | .00041 | 6.0620 | .00025 | -.00005 | .04052 | .02058 | .05599 | .57403 |
| #2 | .00037 | 6.0192 | .00044 | .00005  | .04091 | .02445 | .05630 | .59351 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00022 | .00044 | 322.81 | .00002 | .06797 | .35560 | .00008 | .00600 |
| Stddev | .00033 | .00078 | 1.05   | .00015 | .00041 | .01441 | .00001 | .00099 |
| %RSD   | 149.25 | 178.70 | .32477 | 604.99 | .60614 | 4.0519 | 17.541 | 16.439 |

|    |         |         |        |         |        |        |        |        |
|----|---------|---------|--------|---------|--------|--------|--------|--------|
| #1 | -.00001 | .00012  | 323.55 | -.00008 | .06826 | .34541 | .00009 | .00670 |
| #2 | .00045  | -.00099 | 322.07 | .00013  | .06767 | .36578 | .00007 | .00531 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .08145 | .22687 | .00212 | .00096 | .00098 | .0303  | .03300 |
| Stddev | .00330 | .00257 | .00032 | .00047 | .00157 | .0003  | .00009 |
| %RSD   | 4.0466 | 1.1347 | 15.056 | 48.870 | 160.48 | 1.076  | .27502 |

|    |        |        |        |        |         |       |        |
|----|--------|--------|--------|--------|---------|-------|--------|
| #1 | .07912 | .22869 | .00234 | .00129 | -.00013 | .0301 | .03294 |
| #2 | .08378 | .22505 | .00189 | .00063 | .00209  | .0305 | .03306 |

Sample Name: I5137-02      Acquired: 9/11/2017 13:53:58      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      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       | 2635.8  | 37977.  | 3355.7  | 38.466 | 2907.1 |
| Stddev    | 10.8    | 124.    | 7.8     | .492   | 10.4   |
| %RSD      | .41003  | .32639  | .12258  | .55588 | .35783 |
| #1        | 2628.1  | 37889.  | 6350.2  | 88.118 | 2899.7 |
| #2        | 2643.4  | 38065.  | 6361.2  | 88.814 | 2914.5 |

Sample Name: CCV03      Acquired: 9/11/2017 13:58:13      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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    | 5.1198 | 5.0776 | 5.0060 | 5.0917 | 5.0763 | 10.330 | 10.295 | .25838 | 2.4997 |
| Stddev | .0087  | .0145  | .0041  | .0097  | .0102  | .040   | .039   | .00026 | .0043  |
| %RSD   | .17062 | .28469 | .08263 | .19068 | .20097 | .38279 | .38097 | .10051 | .17354 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 5.1259 | 5.0878 | 5.0089 | 5.0986 | 5.0835 | 10.302 | 10.267 | .25857 | 2.5028 |
| #2 | 5.1136 | 5.0674 | 5.0031 | 5.0849 | 5.0691 | 10.358 | 10.323 | .25820 | 2.4966 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 25.579 | 1.0440 | 2.4978 | 1.2739 | 5.1204 | 2.5812 | 25.446 | 2.5083 | 1.2973 |
| Stddev | .120   | .0017  | .0017  | .0020  | .0498  | .0017  | .049   | .0055  | .0007  |
| %RSD   | .47035 | .16362 | .06801 | .15802 | .97348 | .06416 | .19245 | .22017 | .05559 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 25.494 | 1.0428 | 2.4990 | 1.2754 | 5.1557 | 2.5801 | 25.411 | 2.5122 | 1.2968 |
| #2 | 25.664 | 1.0452 | 2.4966 | 1.2725 | 5.0852 | 2.5824 | 25.481 | 2.5043 | 1.2978 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 25.479 | 2.5506 | 2.5507 | 25.746 | 5.1155 | 5.1881 | 4.9910 | 5.1638 | 5.0391 |
| Stddev | .135   | .0069  | .0085  | .092   | .0037  | .0158  | .0083  | .0667  | .0074  |
| %RSD   | .53090 | .26862 | .33446 | .35550 | .07164 | .30363 | .16609 | 1.2919 | .14742 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 25.383 | 2.5457 | 2.5567 | 25.681 | 5.1181 | 5.1769 | 4.9969 | 5.1166 | 5.0444 |
| #2 | 25.574 | 2.5554 | 2.5447 | 25.811 | 5.1129 | 5.1992 | 4.9852 | 5.2110 | 5.0339 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 5.2534 | 5.1586 | 5.270  | 5.2397 |
| Stddev | .0053  | .0197  | .003   | .0234  |
| %RSD   | .10108 | .38099 | .0471  | .44650 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 5.2572 | 5.1447 | 5.269 | 5.2231 |
| #2 | 5.2497 | 5.1725 | 5.272 | 5.2562 |

Sample Name: CCV03      Acquired: 9/11/2017 13:58:13      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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       | 2721.1  | 39313.  | 3398.3  | 38.092 | 3006.1 |
| Stddev    | 5.6     | 54.     | 9.4     | .334   | 4.2    |
| %RSD      | .20670  | .13843  | .14699  | .37927 | .14117 |
| #1        | 2717.1  | 39351.  | 6404.9  | 87.855 | 3003.1 |
| #2        | 2725.1  | 39274.  | 6391.6  | 88.328 | 3009.1 |

Sample Name: CCB03      Acquired: 9/11/2017 14:02:08      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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    | .00130 | .00033 | .00096 | .00070 | .00172 | .00185 | .00004 | .00005 |
| Stddev | .00129 | .00054 | .00014 | .00031 | .00051 | .00077 | .00046 | .00000 |
| %RSD   | 99.539 | 162.56 | 14.517 | 44.189 | 29.439 | 41.717 | 1105.7 | 6.6652 |

|    |         |         |         |         |        |         |         |        |
|----|---------|---------|---------|---------|--------|---------|---------|--------|
| #1 | -.00038 | -.00071 | -.00106 | -.00092 | .00136 | -.00131 | -.00028 | .00005 |
| #2 | -.00221 | .00005  | -.00086 | -.00048 | .00208 | -.00240 | .00036  | .00005 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00009 | .01179 | .00019 | .00003 | .00004 | .00344 | .00005 | .01349 |
| Stddev | .00004 | .00780 | .00010 | .00017 | .00013 | .01153 | .00000 | .03860 |
| %RSD   | 42.173 | 66.176 | 55.194 | 559.65 | 332.23 | 335.51 | .98772 | 286.26 |

|    |        |        |        |         |         |         |         |         |
|----|--------|--------|--------|---------|---------|---------|---------|---------|
| #1 | .00006 | .01731 | .00026 | -.00015 | .00005  | -.01159 | -.00005 | .04078  |
| #2 | .00011 | .00627 | .00012 | .00009  | -.00013 | .00472  | -.00005 | -.01381 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00015 | .00143 | .05918 | .00077 | .00010 | .01725 | .00285 | .00148 |
| Stddev | .00007 | .00026 | .00405 | .00060 | .00001 | .01445 | .00081 | .00643 |
| %RSD   | 44.258 | 18.071 | 6.8462 | 77.612 | 10.271 | 83.803 | 28.639 | 435.30 |

|    |         |         |         |         |         |         |        |         |
|----|---------|---------|---------|---------|---------|---------|--------|---------|
| #1 | -.00020 | -.00125 | -.05632 | -.00035 | -.00011 | -.02747 | .00342 | .00602  |
| #2 | -.00011 | -.00161 | -.06205 | -.00120 | -.00009 | -.00703 | .00227 | -.00307 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00001 | .00806 | .00100 | .00003 | .00375 | .0011  | .00001 |
| Stddev | .00480 | .00473 | .00080 | .00019 | .00195 | .0011  | .00002 |
| %RSD   | 57840. | 58.711 | 80.031 | 558.64 | 52.036 | 98.56  | 361.61 |

|    |         |         |        |         |         |        |         |
|----|---------|---------|--------|---------|---------|--------|---------|
| #1 | -.00338 | -.01141 | .00156 | .00010  | -.00237 | -.0003 | .00001  |
| #2 | .00340  | -.00472 | .00043 | -.00017 | -.00513 | -.0019 | -.00002 |

Sample Name: CCB03      Acquired: 9/11/2017 14:02:08      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      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       | 2810.7  | 40949.  | 3422.2  | 91.477 | 3219.0 |
| Stddev    | 7.3     | 108.    | 11.6    | .508   | 12.1   |
| %RSD      | .25825  | .26398  | .17997  | .55514 | .37472 |
| #1        | 2805.6  | 41026.  | 6414.0  | 91.836 | 3210.5 |
| #2        | 2815.8  | 40873.  | 6430.4  | 91.118 | 3227.6 |

Sample Name: PB102113BL      Acquired: 9/11/2017 14:06:19      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: PB102113BL      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00032 | .00005 | .00169 | .00248 | .00058 | .00266 | .00004 | .00006 |
| Stddev | .00076 | .00031 | .00076 | .00316 | .00049 | .00143 | .00022 | .00000 |
| %RSD   | 234.20 | 693.32 | 45.094 | 127.34 | 84.932 | 53.989 | 583.74 | 4.5235 |

|    |         |         |         |         |        |        |         |         |
|----|---------|---------|---------|---------|--------|--------|---------|---------|
| #1 | .00021  | -.00018 | -.00115 | -.00471 | .00023 | .00164 | -.00012 | -.00006 |
| #2 | -.00086 | .00027  | -.00223 | -.00025 | .00093 | .00367 | .00019  | -.00006 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00000 | .00501 | .00024 | .00011 | .00060 | .00009 | .00001 | .01604 |
| Stddev | .0000  | .00594 | .00026 | .00001 | .00113 | .00450 | .00003 | .00555 |
| %RSD   | 21.342 | 118.73 | 107.91 | 13.780 | 188.88 | 4963.1 | 328.03 | 34.599 |

|    |         |        |        |         |         |         |         |        |
|----|---------|--------|--------|---------|---------|---------|---------|--------|
| #1 | -.00001 | .00080 | .00006 | -.00012 | -.00139 | -.00309 | .00001  | .01212 |
| #2 | .00000  | .00921 | .00042 | -.00010 | .00020  | .00328  | -.00003 | .01997 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00037 | .00079 | .07882 | .00009 | .00005 | .01301 | .00039 | .00093 |
| Stddev | .00040 | .00072 | .00127 | .00038 | .00002 | .00923 | .00029 | .00807 |
| %RSD   | 105.99 | 91.032 | 1.6105 | 448.68 | 38.549 | 70.950 | 75.670 | 871.49 |

|    |         |         |         |         |        |         |        |         |
|----|---------|---------|---------|---------|--------|---------|--------|---------|
| #1 | -.00066 | -.00028 | -.07972 | .00036  | .00003 | -.01954 | .00059 | -.00664 |
| #2 | -.00009 | -.00129 | -.07792 | -.00019 | .00006 | -.00648 | .00018 | .00478  |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00165 | .00946 | .00010 | .00016 | .00656 | .0008  | .00000 |
| Stddev | .00068 | .00370 | .00014 | .00070 | .00166 | .0015  | .0000  |
| %RSD   | 41.390 | 39.056 | 143.35 | 450.08 | 25.227 | 201.1  | 441.78 |

|    |         |         |        |         |         |        |         |
|----|---------|---------|--------|---------|---------|--------|---------|
| #1 | -.00117 | -.01208 | .00000 | -.00034 | -.00773 | .0003  | -.00002 |
| #2 | -.00214 | -.00685 | .00019 | .00065  | -.00539 | -.0019 | .00001  |



Sample Name: PB102113BL      Acquired: 9/11/2017 14:06:19      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: PB102113BL      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       | 2793.9  | 40880.  | 3451.9  | 30.339 | 3203.1 |
| Stddev    | 8.8     | 153.    | 28.3    | 1.835  | 12.4   |
| %RSD      | .31492  | .37351  | .43933  | 2.0315 | .38742 |
| #1        | 2787.7  | 40772.  | 6431.9  | 91.636 | 3194.3 |
| #2        | 2800.2  | 40988.  | 6472.0  | 89.041 | 3211.9 |

Sample Name: PB102113BS      Acquired: 9/11/2017 14:10:30      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: PB102113BS      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |          |        |        |        |
|--------|--------|--------|--------|----------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960   | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm      | ppm    | ppm    | ppm    |
| Avg    | .78712 | 1.9833 | .96333 | 1.9421   | .79578 | 1.9768 | .20870 |
| Stddev | .00571 | .0064  | .00382 | .0056    | .00636 | .0208  | .00081 |
| %RSD   | .72570 | .32097 | .39626 | .28867   | .79891 | 1.0531 | .38694 |
| #1     | .78308 | 1.9878 | .96603 | 1.9461   | .79129 | 1.9915 | .20813 |
| #2     | .79115 | 1.9788 | .96063 | 1.9381   | .80028 | 1.9621 | .20927 |
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677   | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm      | ppm    | ppm    | ppm    |
| Avg    | .20008 | .19354 | 1.0655 | .41271   | .19570 | .31047 | 3.0251 |
| Stddev | .00075 | .00006 | .0287  | .00270   | .00004 | .00061 | .0614  |
| %RSD   | .37298 | .02864 | 2.6973 | .65452   | .02029 | .19571 | 2.0291 |
| #1     | .19956 | .19358 | 1.0858 | .41462   | .19567 | .31004 | 3.0685 |
| #2     | .20061 | .19350 | 1.0452 | .41080   | .19573 | .31090 | 2.9817 |
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280   | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm      | ppm    | ppm    | ppm    |
| Avg    | .21022 | 2.0527 | .49413 | .07063   | 3.0405 | .30408 | .20439 |
| Stddev | .00037 | .0522  | .00081 | .00053   | .0064  | .00032 | .00340 |
| %RSD   | .17366 | 2.5431 | .16302 | .75571   | .21171 | .10611 | 1.6648 |
| #1     | .20997 | 2.0158 | .49470 | .07025   | 3.0451 | .30385 | .20680 |
| #2     | .21048 | 2.0896 | .49356 | .07100   | 3.0360 | .30431 | .20198 |
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820   | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm      | ppm    | ppm    | ppm    |
| Avg    | 10.293 | .41048 | .30536 | F .00505 | .88637 | .67798 | .20704 |
| Stddev | .029   | .00083 | .00001 | .00242   | .00228 | .00109 | .00071 |
| %RSD   | .28448 | .20140 | .00357 | 48.028   | .25698 | .16010 | .34139 |
| #1     | 10.314 | .40989 | .30535 | -.00333  | .88476 | .67721 | .20754 |
| #2     | 10.272 | .41106 | .30537 | -.00676  | .88798 | .67875 | .20654 |

Sample Name: PB102113BS      Acquired: 9/11/2017 14:10:30      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: PB102113BS      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |
|--------|--------|--------|--------|
| Elem   | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    |
| Avg    | .19944 | 5.703  | .21020 |
| Stddev | .00058 | .001   | .00072 |
| %RSD   | .28878 | .0090  | .34368 |

|    |        |       |        |
|----|--------|-------|--------|
| #1 | .19904 | 5.702 | .21072 |
| #2 | .19985 | 5.703 | .20969 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2762.5  | 40423.  | 3372.1  | 38.973 | 3172.2 |
| Stddev    | .2      | 65.     | 14.8    | 1.529  | 11.3   |
| %RSD      | .00613  | .16027  | .23255  | 1.7190 | .35700 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2762.4 | 40377. | 6382.5 | 87.892 | 3164.2 |
| #2 | 2762.7 | 40468. | 6361.6 | 90.055 | 3180.2 |

Sample Name: I5119-01      Acquired: 9/11/2017 14:14:29      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: SASP2P-TP-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    | .04377 | -.00286 | .64421 | .02751 | .00350 | 105.97 | .59972 | .00632 |
| Stddev | .00243 | .00048  | .00218 | .00077 | .00053 | .02    | .00082 | .00014 |
| %RSD   | 5.5490 | 16.779  | .33836 | 2.8133 | 15.093 | .02178 | .13748 | 2.2134 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .04548 | -.00320 | .64575 | .02696 | .00312 | 105.95 | .59913 | .00642 |
| #2 | .04205 | -.00252 | .64267 | .02806 | .00387 | 105.99 | .60030 | .00622 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00146 | 146.84 | .15296 | .08752 | .17229 | 201.28 | 4.4037 | 56.239 |
| Stddev | .00043 | .38    | .00126 | .00007 | .00204 | 3.68   | .0017  | .092   |
| %RSD   | 29.090 | .25924 | .82545 | .07756 | 1.1856 | 1.8266 | .03765 | .16324 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00116 | 146.57 | .15207 | .08747 | .17085 | 203.88 | 4.4025 | 56.174 |
| #2 | .00177 | 147.11 | .15385 | .08757 | .17374 | 198.68 | 4.4048 | 56.304 |

|        |        |         |        |        |        |        |        |        |
|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280  | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .19277 | -.00653 | 4.4478 | .21590 | .71901 | 9.1659 | .00157 | .12205 |
| Stddev | .00041 | .00127  | .0027  | .00180 | .01257 | .0076  | .00029 | .00015 |
| %RSD   | .21402 | 19.374  | .06125 | .83493 | 1.7486 | .08295 | 18.760 | .12412 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .19248 | -.00564 | 4.4459 | .21462 | .72790 | 9.1605 | .00136 | .12216 |
| #2 | .19306 | -.00743 | 4.4497 | .21717 | .71012 | 9.1712 | .00178 | .12195 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.5689 | 1.8350 | .03704 | 1.9189 | .11816 | 4.935  | .29436 |
| Stddev | .0016  | .0186  | .00087 | .0027  | .00002 | .014   | .00030 |
| %RSD   | .10192 | 1.0109 | 2.3374 | .14052 | .01319 | .2901  | .10346 |

|    |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|-------|--------|
| #1 | 1.5677 | 1.8219 | .03643 | 1.9208 | .11817 | 4.925 | .29414 |
| #2 | 1.5700 | 1.8481 | .03765 | 1.9170 | .11814 | 4.945 | .29457 |

Sample Name: I5119-01      Acquired: 9/11/2017 14:14:29      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: SASP2P-TP-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       | 3005.4  | 44020.  | 7508.8  | 38.152 | 2872.3 |
| Stddev    | 5.6     | 25.     | 12.5    | 1.659  | 1.4    |
| %RSD      | .18796  | .05749  | .16614  | 1.8816 | .04809 |
| #1        | 3009.4  | 44002.  | 7517.6  | 86.979 | 2873.2 |
| #2        | 3001.4  | 44038.  | 7500.0  | 89.325 | 2871.3 |

Sample Name: I5120-01      Acquired: 9/11/2017 14:18:30      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: B-16(0-10)CO      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .05464 | .00667 | 1.1602 | .02801 | .00524 | 105.26 | 1.2028 | .00679 |
| Stddev | .00341 | .00123 | .0013  | .00317 | .00019 | .19    | .0009  | .00003 |
| %RSD   | 6.2447 | 18.423 | .11510 | 11.300 | 3.7003 | .18499 | .07493 | .41685 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .05706 | -.00754 | 1.1611 | .02577 | .00538 | 105.40 | 1.2022 | .00677 |
| #2 | .05223 | -.00580 | 1.1593 | .03025 | .00510 | 105.12 | 1.2035 | .00681 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00387 | 224.37 | .23660 | .11161 | .22900 | 241.00 | 4.3816 | 106.33 |
| Stddev | .00000 | .83    | .00060 | .00044 | .00120 | .40    | .0010  | .17    |
| %RSD   | .11360 | .36814 | .25474 | .39524 | .52524 | .16446 | .02313 | .15648 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00387 | 224.96 | .23618 | .11130 | .22815 | 240.72 | 4.3823 | 106.44 |
| #2 | .00387 | 223.79 | .23703 | .11192 | .22985 | 241.28 | 4.3808 | 106.21 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .24634 | .00683 | 3.4146 | .34454 | 1.1726 | 14.337 | .00420 | .15013 |
| Stddev | .00074 | .00020 | .0199  | .00134 | .0002  | .025   | .00001 | .00791 |
| %RSD   | .30133 | 2.9224 | .31050 | .38974 | .01535 | .17394 | .18430 | 5.2672 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .24582 | -.00697 | 6.4006 | .34359 | 1.1725 | 14.355 | .00420 | .14454 |
| #2 | .24686 | -.00669 | 6.4287 | .34549 | 1.1728 | 14.319 | .00421 | .15572 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | 3.7482 | 2.8786 | .06410 | 4.1495 | .10456 | 3.499  | .47237 |  |
| Stddev | .0064  | .0268  | .00031 | .0122  | .00043 | .017   | .00070 |  |
| %RSD   | .17070 | .93277 | .48467 | .29356 | .41235 | .2557  | .14907 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | 3.7437 | 2.8596 | .06388 | 4.1581 | .10426 | 6.511 | .47287 |  |
| #2 | 3.7528 | 2.8976 | .06432 | 4.1409 | .10487 | 6.488 | .47188 |  |

Sample Name: I5120-01      Acquired: 9/11/2017 14:18:30      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: B-16(0-10)CO      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       | 2969.3  | 43827.  | 7529.2  | 37.458 | 2764.3 |
| Stddev    | 1.5     | 125.    | 5.9     | .140   | .0     |
| %RSD      | .05152  | .28612  | .07805  | .16058 | .00167 |
| #1        | 2970.4  | 43739.  | 7525.0  | 87.557 | 2764.3 |
| #2        | 2968.3  | 43916.  | 7533.3  | 87.358 | 2764.4 |

Sample Name: I5122-01      Acquired: 9/11/2017 14:22:30      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: SU-04-090617      Custom ID2:      Custom ID3:  
Comment:

|        |        |         |        |        |        |        |        |        |
|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908  | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .05690 | -.01320 | .79816 | .09430 | .00651 | 174.25 | .74553 | .00891 |
| Stddev | .00033 | .00021  | .00133 | .00268 | .00253 | .41    | .00217 | .00010 |
| %RSD   | .58393 | 1.5975  | .16694 | 2.8392 | 38.809 | .23474 | .29065 | 1.1110 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .05714 | -.01305 | .79910 | .09620 | .00472 | 174.54 | .74707 | .00898 |
| #2 | .05667 | -.01335 | .79722 | .09241 | .00830 | 173.96 | .74400 | .00884 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00165 | 25.636 | .29585 | .20544 | .19447 | 407.85 | 5.3754 | 39.718 |
| Stddev | .00049 | .047   | .00219 | .00003 | .00229 | 3.26   | .0423  | .112   |
| %RSD   | 29.333 | .18151 | .74177 | .01629 | 1.1781 | .79980 | .78712 | .28246 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00131 | 25.669 | .29740 | .20542 | .19285 | 410.15 | 5.4053 | 39.797 |
| #2 | .00200 | 25.603 | .29430 | .20546 | .19609 | 405.54 | 5.3455 | 39.639 |

|        |        |         |        |        |        |        |        |        |
|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280  | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .30014 | -.00192 | 10.785 | .66110 | .77912 | 3.3880 | .00246 | .32232 |
| Stddev | .00004 | .00051  | .007   | .00083 | .00774 | .0078  | .00014 | .00175 |
| %RSD   | .01183 | 26.776  | .06035 | .12500 | .99360 | .09340 | 5.6912 | .54238 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .30012 | -.00156 | 10.790 | .66051 | .78460 | 8.3936 | .00236 | .32355 |
| #2 | .30017 | -.00229 | 10.781 | .66168 | .77365 | 8.3825 | .00256 | .32108 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | 3.5792 | 1.7910 | .03210 | 5.7257 | .13422 | 9.580  | .11526 |  |
| Stddev | .0167  | .0117  | .00241 | .0225  | .00045 | .014   | .00049 |  |
| %RSD   | .46546 | .65325 | 7.4931 | .39241 | .33374 | .1456  | .42835 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | 3.5910 | 1.7828 | .03380 | 5.7098 | .13390 | 9.570 | .11491 |  |
| #2 | 3.5674 | 1.7993 | .03040 | 5.7416 | .13454 | 9.590 | .11561 |  |



Sample Name: I5122-01      Acquired: 9/11/2017 14:22:30      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: SU-04-090617      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       | 3848.9  | 56254.  | 9679.4  | 90.177 | 2835.9 |
| Stddev    | 2.4     | 273.    | .4      | .733   | 3.9    |
| %RSD      | .06152  | .48581  | .00454  | .81327 | .13760 |
| #1        | 3850.6  | 56060.  | 9679.0  | 89.659 | 2833.2 |
| #2        | 3847.3  | 56447.  | 9679.7  | 90.696 | 2838.7 |

Sample Name: I5123-01      Acquired: 9/11/2017 14:26:41      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: EP-06      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .03935 | .00025 | .25619 | .04316 | .00393 | 99.203 | .64549 | .00718 |
| Stddev | .00552 | .00130 | .00101 | .00330 | .00081 | .197   | .00222 | .00004 |
| %RSD   | 14.024 | 517.83 | .39315 | 7.6408 | 20.751 | .19852 | .34449 | .61151 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .04325 | .00067  | .25548 | .04550 | .00450 | 99.342 | .64707 | .00721 |
| #2 | .03544 | -.00117 | .25690 | .04083 | .00335 | 99.064 | .64392 | .00715 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00122 | 72.480 | .25871 | .10587 | .22641 | 245.67 | 3.8730 | 43.288 |
| Stddev | .00011 | .294   | .00148 | .00092 | .00243 | 2.30   | .0160  | .043   |
| %RSD   | 9.1014 | .40603 | .57324 | .87072 | 1.0745 | .93696 | .41443 | .09935 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | -.00130 | 72.688 | .25976 | .10652 | .22813 | 247.29 | 3.8843 | 43.319 |
| #2 | -.00114 | 72.272 | .25766 | .10521 | .22469 | 244.04 | 3.8616 | 43.258 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .25112 | .00676 | 2.4270 | .25888 | .59297 | 16.486 | .00342 | .16084 |
| Stddev | .00279 | .00020 | .0039  | .00073 | .00590 | .073   | .00001 | .00057 |
| %RSD   | 1.1113 | 2.9617 | .15852 | .28239 | .99420 | .44502 | .26829 | .35720 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .25310 | -.00661 | 2.4297 | .25836 | .59714 | 16.538 | .00342 | .16125 |
| #2 | .24915 | -.00690 | 2.4242 | .25939 | .58880 | 16.435 | .00343 | .16043 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | 3.4921 | 5.7828 | .01832 | 2.2494 | .13774 | 7.339  | .28122 |  |
| Stddev | .0459  | .0524  | .00084 | .0022  | .00139 | .043   | .00053 |  |
| %RSD   | 1.3140 | .90606 | 4.5713 | .09939 | 1.0084 | .5791  | .18958 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | 3.5245 | 5.7458 | .01892 | 2.2478 | .13872 | 7.369 | .28160 |  |
| #2 | 3.4596 | 5.8199 | .01773 | 2.2510 | .13676 | 7.309 | .28084 |  |

Sample Name: I5123-01      Acquired: 9/11/2017 14:26:41      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: EP-06      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       | 3108.1  | 45226.  | 7529.4  | 36.696 | 2924.0 |
| Stddev    | 33.0    | 279.    | 33.3    | 1.035  | 24.5   |
| %RSD      | 1.0620  | .61720  | .44285  | 1.1936 | .83658 |
| #1        | 3084.7  | 45029.  | 7505.9  | 85.964 | 2906.7 |
| #2        | 3131.4  | 45423.  | 7553.0  | 87.427 | 2941.3 |

Sample Name: I5123-02      Acquired: 9/11/2017 14:30:40      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: EP-13      Custom ID2:      Custom ID3:  
Comment:

|        |        |         |        |        |        |        |        |        |
|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908  | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .03381 | -.00153 | .14291 | .03415 | .00351 | 75.333 | .79224 | .00637 |
| Stddev | .00008 | .00150  | .00027 | .00184 | .00074 | .200   | .00159 | .00001 |
| %RSD   | .22448 | 97.685  | .18905 | 5.4025 | 21.206 | .26553 | .20011 | .09965 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .03387 | -.00259 | .14272 | .03545 | .00403 | 75.474 | .79112 | .00637 |
| #2 | .03376 | -.00047 | .14310 | .03284 | .00298 | 75.192 | .79337 | .00636 |

|        |         |        |        |        |        |        |        |        |
|--------|---------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265  | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | -.00068 | 53.312 | .14793 | .08720 | .10905 | 179.97 | 5.3337 | 51.638 |
| Stddev | .00014  | .058   | .00114 | .00012 | .00171 | 1.83   | .0231  | .093   |
| %RSD   | 20.229  | .10817 | .76744 | .13767 | 1.5657 | 1.0157 | .43310 | .18091 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | -.00058 | 53.272 | .14713 | .08712 | .11026 | 178.68 | 5.3501 | 51.572 |
| #2 | -.00078 | 53.353 | .14873 | .08729 | .10784 | 181.26 | 5.3174 | 51.704 |

|        |        |         |        |        |        |        |         |        |
|--------|--------|---------|--------|--------|--------|--------|---------|--------|
| Elem   | Ni2316 | Ag3280  | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020  | B_2496 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm     | ppm    |
| Avg    | .22899 | -.00617 | 1.9885 | .19042 | .37932 | 16.355 | -.00041 | .12469 |
| Stddev | .00106 | .00055  | .0083  | .00087 | .00512 | .003   | .00021  | .00307 |
| %RSD   | .46073 | 8.9724  | .41904 | .45701 | 1.3501 | .01536 | 52.742  | 2.4605 |

|    |        |         |        |        |        |        |         |        |
|----|--------|---------|--------|--------|--------|--------|---------|--------|
| #1 | .22973 | -.00656 | 1.9826 | .19103 | .37570 | 16.357 | -.00056 | .12252 |
| #2 | .22824 | -.00578 | 1.9944 | .18980 | .38294 | 16.353 | -.00025 | .12686 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .72378 | 4.1187 | .01457 | 1.9725 | .11032 | 7.112  | .14437 |
| Stddev | .00233 | .0028  | .00138 | .0054  | .00153 | .004   | .00045 |
| %RSD   | .32200 | .06861 | 9.4942 | .27167 | 1.3913 | .0595  | .31403 |

|    |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|-------|--------|
| #1 | .72543 | 4.1207 | .01359 | 1.9687 | .10923 | 7.115 | .14405 |
| #2 | .72214 | 4.1167 | .01554 | 1.9763 | .11140 | 7.109 | .14469 |

Sample Name: I5123-02      Acquired: 9/11/2017 14:30:40      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: EP-13      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       | 3121.3  | 44929.  | 7481.1  | 39.275 | 2967.8 |
| Stddev    | 16.0    | 156.    | 30.5    | 1.032  | 9.5    |
| %RSD      | .51278  | .34792  | .40742  | 1.1559 | .31864 |
| #1        | 3110.0  | 44818.  | 7502.6  | 90.005 | 2961.2 |
| #2        | 3132.6  | 45039.  | 7459.5  | 88.545 | 2974.5 |

Sample Name: I5123-02DUP      Acquired: 9/11/2017 14:34:47      Type: Unk

Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000

User: JASWAL/BINHE      Custom ID1: EP-13DUP      Custom ID2:      Custom ID3:

Comment:

|        |        |         |        |        |        |        |        |        |
|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908  | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .03287 | -.00122 | .14512 | .03151 | .00157 | 74.873 | .79330 | .00623 |
| Stddev | .00068 | .00248  | .00198 | .00008 | .00167 | .378   | .00162 | .00003 |
| %RSD   | 2.0703 | 203.52  | 1.3618 | .24313 | 105.91 | .50498 | .20440 | .51126 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .03335 | -.00297 | .14373 | .03146 | .00275 | 74.606 | .79445 | .00621 |
| #2 | .03239 | .00053  | .14652 | .03157 | .00039 | 75.140 | .79216 | .00625 |

|        |         |        |        |        |        |        |        |        |
|--------|---------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265  | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | -.00095 | 53.319 | .14704 | .08744 | .10899 | 181.94 | 5.3198 | 51.699 |
| Stddev | .00025  | .069   | .00059 | .00008 | .00030 | 1.86   | .0282  | .107   |
| %RSD   | 26.279  | .12879 | .40103 | .09064 | .27328 | 1.0203 | .52970 | .20649 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | -.00078 | 53.368 | .14663 | .08738 | .10920 | 180.63 | 5.2999 | 51.775 |
| #2 | -.00113 | 53.271 | .14746 | .08750 | .10878 | 183.26 | 5.3397 | 51.624 |

|        |        |         |        |        |        |        |         |        |
|--------|--------|---------|--------|--------|--------|--------|---------|--------|
| Elem   | Ni2316 | Ag3280  | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020  | B_2496 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm     | ppm    |
| Avg    | .22878 | -.00558 | 1.9866 | .18925 | .38267 | 16.241 | -.00028 | .11899 |
| Stddev | .00083 | .00039  | .0007  | .00005 | .00335 | .028   | .00014  | .00536 |
| %RSD   | .36111 | 6.9234  | .03301 | .02765 | .87451 | .17496 | 50.779  | 4.5027 |

|    |        |         |        |        |        |        |         |        |
|----|--------|---------|--------|--------|--------|--------|---------|--------|
| #1 | .22937 | -.00586 | 1.9862 | .18928 | .38030 | 16.221 | -.00018 | .11520 |
| #2 | .22820 | -.00531 | 1.9871 | .18921 | .38503 | 16.261 | -.00037 | .12278 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .71492 | 4.0137 | .01450 | 1.9565 | .11071 | 7.096  | .14363 |  |
| Stddev | .01016 | .0163  | .00015 | .0014  | .00172 | .011   | .00011 |  |
| %RSD   | 1.4215 | .40540 | 1.0066 | .07190 | 1.5536 | .1476  | .07959 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | .72210 | 4.0022 | .01461 | 1.9555 | .11192 | 7.104 | .14371 |  |
| #2 | .70773 | 4.0252 | .01440 | 1.9575 | .10949 | 7.089 | .14355 |  |

Sample Name: I5123-02DUP      Acquired: 9/11/2017 14:34:47      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: EP-13DUP      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       | 3102.3  | 45069.  | 7477.9  | 38.250 | 2953.9 |
| Stddev    | 3.8     | 142.    | 29.5    | .786   | 2.7    |
| %RSD      | .12360  | .31508  | .39514  | .89021 | .09210 |
|           |         |         |         |        |        |
| #1        | 3105.0  | 45169.  | 7457.0  | 88.805 | 2955.8 |
| #2        | 3099.6  | 44969.  | 7498.8  | 87.694 | 2952.0 |

Sample Name: I5123-02LX5      Acquired: 9/11/2017 14:38:54      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: EP-13      Custom ID2:      Custom ID3:  
Comment:

|        |         |         |        |        |         |        |         |        |
|--------|---------|---------|--------|--------|---------|--------|---------|--------|
| Elem   | As1890  | Tl1908  | Pb2203 | Se1960 | Sb2068  | Al3961 | Ba4934  | Be2348 |
| Units  | ppm     | ppm     | ppm    | ppm    | ppm     | ppm    | ppm     | ppm    |
| Avg    | .00548  | .00062  | .02786 | .00561 | .00002  | 16.225 | .17754  | .00163 |
| Stddev | .00223  | .00008  | .00041 | .00195 | .00072  | .053   | .00032  | .00004 |
| %RSD   | 40.601  | 12.823  | 1.4565 | 34.812 | 3599.8  | .32427 | .17847  | 2.6871 |
| #1     | .00391  | .00068  | .02757 | .00423 | .00049  | 16.262 | .17732  | .00166 |
| #2     | .00706  | .00056  | .02814 | .00699 | -.00053 | 16.188 | .17777  | .00160 |
| Elem   | Cd2265  | Ca3736  | Cr2677 | Co2286 | Cu2247  | Fe2404 | Mn2576  | Mg2790 |
| Units  | ppm     | ppm     | ppm    | ppm    | ppm     | ppm    | ppm     | ppm    |
| Avg    | .00029  | 12.145  | .03276 | .01740 | .02758  | 35.915 | 1.2371  | 11.604 |
| Stddev | .00005  | .037    | .00027 | .00040 | .00005  | .729   | .0002   | .075   |
| %RSD   | 17.413  | .30501  | .82504 | 2.3242 | .16895  | 2.0294 | .01454  | .64827 |
| #1     | -.00033 | 12.172  | .03295 | .01769 | .02755  | 36.431 | 1.2372  | 11.551 |
| #2     | -.00025 | 12.119  | .03257 | .01711 | .02761  | 35.400 | 1.2370  | 11.657 |
| Elem   | Ni2316  | Ag3280  | Na5895 | V_2924 | Zn2138  | K_7664 | Mo2020  | B_2496 |
| Units  | ppm     | ppm     | ppm    | ppm    | ppm     | ppm    | ppm     | ppm    |
| Avg    | .04555  | .00253  | .37534 | .04258 | .07704  | 3.6123 | .00013  | .01987 |
| Stddev | .00026  | .00020  | .00986 | .00049 | .00130  | .0025  | .00023  | .00527 |
| %RSD   | .56432  | 8.0243  | 2.6283 | 1.1497 | 1.6853  | .06855 | 173.80  | 26.510 |
| #1     | .04573  | -.00267 | .38231 | .04223 | .07796  | 3.6105 | .00003  | .01615 |
| #2     | .04537  | -.00238 | .36836 | .04292 | .07613  | 3.6140 | -.00030 | .02359 |
| Elem   | S_1820  | Si2881  | Sn1899 | Ti3361 | Li6707  | P_1774 | Sr4077  |        |
| Units  | ppm     | ppm     | ppm    | ppm    | ppm     | ppm    | ppm     |        |
| Avg    | .13936  | .97114  | .00295 | .43525 | .01889  | 1.398  | .03182  |        |
| Stddev | .00495  | .01822  | .00027 | .00165 | .00037  | .005   | .00017  |        |
| %RSD   | 3.5524  | 1.8757  | 9.1983 | .37849 | 1.9399  | .3913  | .51946  |        |
| #1     | .13586  | .98402  | .00276 | .43641 | .01915  | 1.402  | .03194  |        |
| #2     | .14286  | .95826  | .00315 | .43408 | .01863  | 1.394  | .03170  |        |



Sample Name: I5123-02LX5      Acquired: 9/11/2017 14:38:54      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: EP-13      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       | 2863.0  | 41615.  | 3678.3  | 31.934 | 3142.8 |
| Stddev    | 12.4    | 114.    | 1.1     | 1.842  | 12.8   |
| %RSD      | .43185  | .27461  | .01718  | 2.0033 | .40660 |
| #1        | 2854.2  | 41535.  | 6679.1  | 90.632 | 3133.8 |
| #2        | 2871.7  | 41696.  | 6677.5  | 93.236 | 3151.9 |

Sample Name: I5123-03      Acquired: 9/11/2017 14:42:59      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: I5123-02MS      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    | .73003 | 1.9914 | 1.1396 | 1.6680 | .20966 | 38.954 | .99896 | .18802 | .19655 |
| Stddev | .00253 | .0078  | .0003  | .0010  | .00109 | .497   | .00178 | .00045 | .00047 |
| %RSD   | .34595 | .39007 | .02525 | .06315 | .51792 | .55825 | .17814 | .24083 | .23736 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .73182 | 1.9969 | 1.1398 | 1.6687 | .21043 | 88.603 | 1.0002 | .18770 | .19688 |
| #2 | .72825 | 1.9859 | 1.1394 | 1.6672 | .20889 | 89.305 | .99770 | .18834 | .19622 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 74.756 | .52823 | .29286 | .38773 | 193.21 | 5.5087 | 59.505 | .74524 | .05843 |
| Stddev | .112   | .00023 | .00025 | .00158 | 4.91   | .0108  | .032   | .00023 | .00093 |
| %RSD   | .14922 | .04341 | .08532 | .40679 | 2.5404 | .19571 | .05354 | .03045 | 1.5876 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 74.677 | .52807 | .29304 | .38884 | 189.74 | 5.5011 | 59.482 | .74508 | .05778 |
| #2 | 74.835 | .52839 | .29269 | .38661 | 196.68 | 5.5163 | 59.527 | .74540 | .05909 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 4.8465 | .46285 | .64177 | 25.403 | .33431 | .35551 | 1.0317 | 7.0116 | .68031 |
| Stddev | .0006  | .00063 | .01682 | .032   | .00135 | .00464 | .0088  | .0041  | .00074 |
| %RSD   | .01253 | .13520 | 2.6210 | .12781 | .40379 | 1.3062 | .84931 | .05818 | .10838 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 4.8469 | .46241 | .62988 | 25.380 | .33526 | .35879 | 1.0379 | 7.0145 | .68083 |
| #2 | 4.8461 | .46329 | .65367 | 25.426 | .33335 | .35222 | 1.0255 | 7.0088 | .67978 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.1764 | .31038 | 13.53  | 33819  |
| Stddev | .0060  | .00084 | .00    | .00162 |
| %RSD   | .27637 | .27214 | .0204  | .47965 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 2.1806 | .31098 | 13.53 | .33704 |
| #2 | 2.1721 | .30979 | 13.53 | .33933 |

Sample Name: I5123-03      Acquired: 9/11/2017 14:42:59      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: I5123-02MS      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       | 3072.7  | 44578.  | 7404.0  | 35.156 | 2894.2 |
| Stddev    | 9.3     | 55.     | 11.8    | 1.997  | 6.2    |
| %RSD      | .30343  | .12257  | .15877  | 2.3450 | .21266 |
| #1        | 3066.2  | 44617.  | 7395.7  | 86.568 | 2889.8 |
| #2        | 3079.3  | 44539.  | 7412.4  | 83.744 | 2898.5 |

Sample Name: CCV04      Acquired: 9/11/2017 14:46:59      Type: Unk

Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000

User: JASWAL/BINHE      Custom ID1: CCV11635      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    | 5.0705 | 5.0492 | 4.9718 | 5.0513 | 5.0303 | 10.313 | 10.229 | 25922  | 2.4836 |
| Stddev | .0041  | .0033  | .0015  | .0100  | .0056  | .071   | .051   | .00005 | .0008  |
| %RSD   | .08013 | .06522 | .03052 | .19761 | .11166 | .68867 | .49612 | .01840 | .03270 |

|    |        |        |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|--------|--------|-------|--------|
| #1 | 5.0733 | 5.0515 | 4.9708 | 5.0584 | 5.0343 | 10.263 | 10.193 | 25919 | 2.4830 |
| #2 | 5.0676 | 5.0468 | 4.9729 | 5.0442 | 5.0263 | 10.363 | 10.265 | 25926 | 2.4842 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 25.414 | 1.0383 | 2.4760 | 1.2608 | 5.0343 | 2.5675 | 25.250 | 2.4931 | 1.2923 |
| Stddev | .130   | .0056  | .0011  | .0017  | .0913  | .0012  | .257   | .0055  | .0008  |
| %RSD   | .51138 | .54189 | .04571 | .13109 | 1.8139 | .04617 | 1.0166 | .21961 | .06564 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 25.506 | 1.0343 | 2.4752 | 1.2620 | 5.0989 | 2.5683 | 25.431 | 2.4892 | 1.2917 |
| #2 | 25.322 | 1.0423 | 2.4768 | 1.2596 | 4.9697 | 2.5666 | 25.068 | 2.4970 | 1.2929 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 25.365 | 2.5372 | 2.4778 | 25.671 | 5.0502 | 5.1689 | 4.9936 | 5.1916 | 5.0052 |
| Stddev | .027   | .0018  | .0544  | .007   | .0004  | .0442  | .0173  | .0202  | .0053  |
| %RSD   | .10612 | .07074 | 2.1942 | .02657 | .00807 | .85471 | .34550 | .38970 | .10569 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 25.384 | 2.5385 | 2.5163 | 25.676 | 5.0505 | 5.2002 | 5.0058 | 5.1773 | 5.0014 |
| #2 | 25.346 | 2.5359 | 2.4394 | 25.667 | 5.0500 | 5.1377 | 4.9814 | 5.2059 | 5.0089 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 5.2322 | 5.1238 | 5.303  | 5.2883 |
| Stddev | .0068  | .0019  | .005   | .0525  |
| %RSD   | .13071 | .03752 | .0877  | .99209 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 5.2274 | 5.1251 | 5.299 | 5.3254 |
| #2 | 5.2370 | 5.1224 | 5.306 | 5.2512 |

Sample Name: CCV04      Acquired: 9/11/2017 14:46:59      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: CCV11635      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       | 2736.4  | 39309.  | 3390.3  | 39.941 | 3006.1 |
| Stddev    | 1.8     | 79.     | 22.6    | 1.998  | .9     |
| %RSD      | .06416  | .20206  | .35306  | 2.2218 | .03014 |
| #1        | 2735.1  | 39365.  | 6374.4  | 88.528 | 3006.7 |
| #2        | 2737.6  | 39253.  | 6406.3  | 91.354 | 3005.4 |

Sample Name: CCB04      Acquired: 9/11/2017 14:51:02      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: CCB11635      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00131 | .00062 | .00080 | .00262 | .00177 | .00915 | .00008 | .00008 |
| Stddev | .00010 | .00006 | .00021 | .00310 | .00109 | .00672 | .00082 | .00007 |
| %RSD   | 7.2977 | 8.9459 | 26.898 | 118.09 | 61.377 | 73.449 | 1079.4 | 83.321 |

|    |         |        |         |         |        |         |         |        |
|----|---------|--------|---------|---------|--------|---------|---------|--------|
| #1 | -.00124 | .00066 | -.00095 | -.00481 | .00254 | -.00440 | -.00050 | .00003 |
| #2 | -.00138 | .00058 | -.00064 | -.00043 | .00100 | -.01390 | .00065  | .00013 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00009 | .01207 | .00042 | .00000 | .00033 | .00909 | .00002 | .01901 |
| Stddev | .00009 | .01146 | .00006 | .00023 | .00029 | .00716 | .00004 | .01509 |
| %RSD   | 99.401 | 94.941 | 13.959 | 6737.1 | 88.671 | 78.792 | 150.99 | 79.386 |

|    |        |        |        |         |         |         |         |        |
|----|--------|--------|--------|---------|---------|---------|---------|--------|
| #1 | .00003 | .02018 | .00038 | -.00016 | -.00054 | -.01416 | .00000  | .00834 |
| #2 | .00016 | .00397 | .00046 | .00016  | -.00012 | -.00403 | -.00005 | .02968 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00005 | .00048 | .09958 | .00030 | .00011 | .00451 | .00314 | .00089 |
| Stddev | .00021 | .00080 | .00569 | .00035 | .00007 | .00572 | .00077 | .01650 |
| %RSD   | 388.48 | 168.50 | 5.7191 | 118.30 | 57.838 | 126.83 | 24.582 | 1862.5 |

|    |         |         |         |         |         |        |        |         |
|----|---------|---------|---------|---------|---------|--------|--------|---------|
| #1 | -.00020 | .00009  | -.09555 | -.00055 | -.00016 | .00856 | .00369 | .01078  |
| #2 | .00009  | -.00105 | -.10360 | -.00005 | -.00007 | .00047 | .00260 | -.01255 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00232 | .01056 | .00061 | .00124 | .00551 | .0013  | .00000 |
| Stddev | .00158 | .01252 | .00013 | .00077 | .00066 | .0010  | .00003 |
| %RSD   | 68.331 | 118.55 | 20.734 | 61.589 | 11.946 | 79.87  | 2524.5 |

|    |         |         |        |        |         |        |         |
|----|---------|---------|--------|--------|---------|--------|---------|
| #1 | -.00343 | -.00171 | .00052 | .00179 | -.00597 | -.0006 | .00002  |
| #2 | -.00120 | -.01942 | .00070 | .00070 | -.00504 | -.0020 | -.00002 |

Sample Name: CCB04      Acquired: 9/11/2017 14:51:02      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: CCB11635      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       | 2815.3  | 41057.  | 3488.9  | 91.509 | 3224.4 |
| Stddev    | 5.2     | 73.     | 7.9     | .868   | 9.0    |
| %RSD      | .18438  | .17755  | .12140  | .94834 | .27996 |
| #1        | 2811.6  | 41005.  | 6494.5  | 92.123 | 3218.0 |
| #2        | 2819.0  | 41108.  | 6483.4  | 90.895 | 3230.8 |

Sample Name: I5123-04      Acquired: 9/11/2017 14:55:12      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: I5123-02MSD      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    | .72578 | 2.0009 | 1.1345 | 1.6755 | .20785 | 37.316 | 1.0012 | .18775 | .19715 |
| Stddev | .00162 | .0172  | .0010  | .0029  | .00216 | .169   | .0014  | .00018 | .00014 |
| %RSD   | .22358 | .85738 | .08362 | .17287 | 1.0386 | .19300 | .13529 | .09526 | .07176 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .72693 | 1.9888 | 1.1352 | 1.6776 | .20938 | 87.435 | 1.0022 | .18762 | .19725 |
| #2 | .72464 | 2.0130 | 1.1338 | 1.6735 | .20632 | 87.197 | 1.0003 | .18787 | .19705 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 74.930 | .51734 | .29357 | .39027 | 187.05 | 5.4356 | 59.490 | .74495 | .05745 |
| Stddev | .098   | .00054 | .00057 | .00094 | .12    | .0079  | .235   | .00026 | .00047 |
| %RSD   | .13073 | .10360 | .19467 | .24004 | .06301 | .14459 | .39451 | .03529 | .81109 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 75.000 | .51772 | .29397 | .38961 | 187.13 | 5.4300 | 59.656 | .74514 | .05712 |
| #2 | 74.861 | .51696 | .29316 | .39093 | 186.97 | 5.4412 | 59.324 | .74477 | .05778 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 4.8602 | .45941 | .61615 | 25.460 | .33522 | .34893 | 1.0334 | 5.9023 | .68155 |
| Stddev | .0361  | .00301 | .00299 | .078   | .00135 | .00582 | .0035  | .0452  | .00118 |
| %RSD   | .74218 | .65474 | .48520 | .30782 | .40223 | 1.6671 | .34254 | .65485 | .17293 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 4.8857 | .46154 | .61404 | 25.515 | .33617 | .34482 | 1.0309 | 6.8704 | .68238 |
| #2 | 4.8347 | .45728 | .61827 | 25.404 | .33427 | .35304 | 1.0359 | 6.9343 | .68071 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.1462 | .31050 | 13.52  | 33382  |
| Stddev | .0081  | .00158 | .03    | .00037 |
| %RSD   | .37574 | .50835 | .2265  | .11010 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 2.1405 | .31162 | 13.50 | .33356 |
| #2 | 2.1519 | .30939 | 13.54 | .33408 |



Sample Name: I5123-04      Acquired: 9/11/2017 14:55:12      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: I5123-02MSD      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       | 3084.9  | 45373.  | 7464.8  | 39.003 | 2905.4 |
| Stddev    | 8.9     | 116.    | 10.7    | .260   | 6.7    |
| %RSD      | .28866  | .25468  | .14360  | .29163 | .23101 |
| #1        | 3078.6  | 45292.  | 7472.3  | 89.187 | 2900.7 |
| #2        | 3091.2  | 45455.  | 7457.2  | 88.820 | 2910.2 |

Sample Name: I5169-01      Acquired: 9/11/2017 14:59:13      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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    | .00479 | .00061 | .01759 | .00573 | .00203 | .44895 | .06798 | .00023 |
| Stddev | .00177 | .00076 | .00105 | .00100 | .00073 | .00899 | .00030 | .00004 |
| %RSD   | 36.896 | 124.47 | 5.9901 | 17.534 | 35.749 | 2.0013 | .43718 | 18.981 |

|    |        |         |        |         |         |        |        |        |
|----|--------|---------|--------|---------|---------|--------|--------|--------|
| #1 | .00603 | -.00007 | .01834 | -.00502 | -.00152 | .45530 | .06777 | .00026 |
| #2 | .00354 | -.00115 | .01685 | -.00644 | -.00255 | .44260 | .06819 | .00020 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00010 | 36.390 | .00374 | .00075 | .00521 | 3.5963 | .36374 | 5.1702 |
| Stddev | .00001 | .098   | .00009 | .00001 | .00005 | .0407  | .00023 | .0003  |
| %RSD   | 7.7523 | .14706 | 2.4468 | .91859 | .89019 | .47370 | .06385 | .00482 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | -.00010 | 66.459 | .00367 | .00076 | .00525 | 8.6251 | .36357 | 5.1701 |
| #2 | -.00011 | 66.321 | .00380 | .00075 | .00518 | 8.5675 | .36390 | 5.1704 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00338 | .00122 | 33.835 | .00263 | .16665 | 3.2618 | .00119 | .10615 |
| Stddev | .00029 | .00029 | .076   | .00038 | .00250 | .0006  | .00005 | .00157 |
| %RSD   | 8.6409 | 23.805 | .22588 | 14.293 | 1.5032 | .00683 | 3.9846 | 1.4835 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .00359 | -.00102 | 33.889 | .00236 | .16842 | 8.2614 | .00115 | .10503 |
| #2 | .00317 | -.00143 | 33.781 | .00290 | .16487 | 8.2622 | .00122 | .10726 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.8695 | 3.4645 | .00046 | .01950 | .00698 | .8784  | .25784 |
| Stddev | .0057  | .0266  | .00143 | .00049 | .00165 | .0006  | .00008 |
| %RSD   | .30316 | .31388 | 311.47 | 2.5064 | 23.626 | .0660  | .03089 |

|    |        |        |         |        |        |       |        |
|----|--------|--------|---------|--------|--------|-------|--------|
| #1 | 1.8735 | 8.4833 | -.00055 | .01984 | .00815 | .8788 | .25779 |
| #2 | 1.8655 | 8.4457 | .00147  | .01915 | .00582 | .8780 | .25790 |

Sample Name: I5169-01      Acquired: 9/11/2017 14:59:13      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      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       | 2791.1  | 40882.  | 6715.6  | 94.043 | 3162.0 |
| Stddev    | 1.4     | 36.     | 9.1     | 1.340  | .9     |
| %RSD      | .05118  | .08745  | .13595  | 1.4251 | .02951 |
|           |         |         |         |        |        |
| #1        | 2790.1  | 40857.  | 6709.2  | 93.095 | 3162.7 |
| #2        | 2792.1  | 40908.  | 6722.1  | 94.991 | 3161.4 |

Sample Name: I5169-01DUP      Acquired: 9/11/2017 15:03:21      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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    | .00159 | .00001 | .01648 | .00715 | .00116 | .41730 | .06782 | .00013 |
| Stddev | .00267 | .00005 | .00036 | .00039 | .00074 | .01886 | .00004 | .00002 |
| %RSD   | 167.51 | 398.73 | 2.1943 | 5.4257 | 64.134 | 4.5203 | .06403 | 16.888 |

|    |         |         |        |         |         |        |        |        |
|----|---------|---------|--------|---------|---------|--------|--------|--------|
| #1 | -.00029 | .00005  | .01622 | -.00688 | -.00168 | .43064 | .06785 | .00012 |
| #2 | .00348  | -.00002 | .01673 | -.00743 | -.00063 | .40397 | .06779 | .00015 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00001 | 36.725 | .00283 | .00053 | .00494 | 3.5490 | .36250 | 5.0830 |
| Stddev | .00003 | .027   | .00058 | .00018 | .00036 | .1804  | .00029 | .0639  |
| %RSD   | 225.63 | .04068 | 20.441 | 33.702 | 7.2666 | 2.1103 | .07939 | 1.2580 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00003  | 66.706 | .00324 | .00040 | .00520 | 8.4214 | .36270 | 5.1282 |
| #2 | -.00001 | 66.744 | .00242 | .00066 | .00469 | 8.6766 | .36230 | 5.0378 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00304 | .00127 | 33.937 | .00310 | .16818 | 3.2959 | .00112 | .10127 |
| Stddev | .00047 | .00051 | .049   | .00033 | .00337 | .0296  | .00051 | .00633 |
| %RSD   | 15.363 | 40.118 | .14376 | 10.615 | 2.0059 | .35709 | 45.609 | 6.2471 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .00337 | -.00163 | 33.903 | .00333 | .16579 | 8.2749 | .00076 | .09680 |
| #2 | .00271 | -.00091 | 33.972 | .00287 | .17057 | 8.3168 | .00148 | .10574 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | 1.8874 | 3.5295 | .00118 | .01863 | .00788 | .8896  | .26358 |  |
| Stddev | .0062  | .0407  | .00103 | .00016 | .00159 | .0022  | .00031 |  |
| %RSD   | .32833 | .47716 | 87.480 | .85273 | 20.214 | .2464  | .11922 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | 1.8831 | 8.5583 | .00190 | .01852 | .00901 | .8880 | .26336 |  |
| #2 | 1.8918 | 8.5007 | .00045 | .01875 | .00675 | .8911 | .26380 |  |

Sample Name: I5169-01DUP      Acquired: 9/11/2017 15:03:21      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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       | 2795.2  | 40474.  | 3667.2  | 92.851 | 3152.6 |
| Stddev    | 2.9     | 83.     | 35.9    | 1.924  | 11.3   |
| %RSD      | .10331  | .20451  | .53877  | 2.0722 | .35823 |
| #1        | 2797.2  | 40532.  | 6692.6  | 94.211 | 3160.6 |
| #2        | 2793.1  | 40415.  | 6641.8  | 91.490 | 3144.6 |

Sample Name: I5169-01LX5      Acquired: 9/11/2017 15:07:30      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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    | .00028 | .00044 | .00234 | .00240 | .00006 | .11230 | .01303 | .00011 |
| Stddev | .00195 | .00020 | .00051 | .00121 | .00121 | .00122 | .00052 | .00003 |
| %RSD   | 692.83 | 45.796 | 21.983 | 50.169 | 1918.2 | 1.0875 | 3.9934 | 22.819 |

|    |         |         |        |         |         |        |        |        |
|----|---------|---------|--------|---------|---------|--------|--------|--------|
| #1 | .00110  | -.00029 | .00197 | -.00326 | .00092  | .11144 | .01340 | .00010 |
| #2 | -.00166 | -.00058 | .00270 | -.00155 | -.00079 | .11316 | .01266 | .00013 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00003 | 13.451 | .00995 | .00010 | .00085 | 1.7366 | .07386 | 1.0998 |
| Stddev | .00005 | .005   | .00016 | .00023 | .00015 | .0596  | .00014 | .0186  |
| %RSD   | 166.62 | .03400 | 1.5685 | 229.48 | 17.113 | 3.4332 | .18992 | 1.6884 |

|    |         |        |        |         |        |        |        |        |
|----|---------|--------|--------|---------|--------|--------|--------|--------|
| #1 | .00006  | 13.455 | .01006 | -.00006 | .00095 | 1.6945 | .07376 | 1.1129 |
| #2 | -.00001 | 13.448 | .00984 | .00026  | .00075 | 1.7788 | .07396 | 1.0867 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00637 | .00080 | 3.6662 | .00043 | .03378 | 1.6280 | .00183 | .01822 |
| Stddev | .00042 | .00056 | .0029  | .00014 | .00133 | .0033  | .00011 | .00197 |
| %RSD   | 6.6208 | 70.511 | .04324 | 31.528 | 3.9430 | .20451 | 6.0355 | 10.790 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .00667 | -.00040 | 6.6642 | .00053 | .03284 | 1.6304 | .00175 | .01683 |
| #2 | .00607 | -.00120 | 6.6682 | .00033 | .03472 | 1.6257 | .00191 | .01960 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .35945 | 1.6915 | .00145 | .00417 | .00340 | .1710  | .05304 |
| Stddev | .00136 | .0055  | .00009 | .00149 | .00155 | .0026  | .00007 |
| %RSD   | .37879 | .32473 | 6.3234 | 35.736 | 45.705 | 1.532  | .12706 |

|    |        |        |        |        |         |       |        |
|----|--------|--------|--------|--------|---------|-------|--------|
| #1 | .35848 | 1.6876 | .00138 | .00312 | -.00230 | .1691 | .05299 |
| #2 | .36041 | 1.6954 | .00151 | .00522 | -.00450 | .1728 | .05308 |

Sample Name: I5169-01LX5      Acquired: 9/11/2017 15:07:30      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      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       | 2810.4  | 40794.  | 6544.0  | 93.296 | 3211.5 |
| Stddev    | 15.0    | 25.     | .0      | 3.375  | 16.2   |
| %RSD      | .53259  | .06173  | .00009  | 3.6177 | .50502 |
| #1        | 2799.8  | 40776.  | 6544.0  | 95.682 | 3200.1 |
| #2        | 2820.9  | 40811.  | 6544.0  | 90.909 | 3223.0 |

Sample Name: I5169-01MS      Acquired: 9/11/2017 15:11:39      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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    | .90328 | 2.1887 | 1.0750 | 2.1993 | .86119 | 2.7526 | .30321 | .23255 | .21224 |
| Stddev | .00295 | .0114  | .0032  | .0040  | .00264 | .0040  | .00028 | .00004 | .00036 |
| %RSD   | .32704 | .52147 | .30139 | .18354 | .30641 | .14585 | .09254 | .01832 | .17111 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .90119 | 2.1807 | 1.0772 | 2.2022 | .85932 | 2.7555 | .30341 | .23258 | .21198 |
| #2 | .90536 | 2.1968 | 1.0727 | 2.1965 | .86306 | 2.7498 | .30301 | .23252 | .21249 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 74.254 | .45460 | .21526 | .34435 | 12.503 | .61498 | 7.8345 | .54627 | .07898 |
| Stddev | .092   | .00069 | .00036 | .00010 | .032   | .00009 | .0043  | .00209 | .00069 |
| %RSD   | .12425 | .15265 | .16658 | .02985 | .25925 | .01448 | .05456 | .38184 | .86937 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 74.320 | .45411 | .21501 | .34428 | 12.480 | .61492 | 7.8315 | .54480 | .07946 |
| #2 | 74.189 | .45509 | .21552 | .34443 | 12.526 | .61504 | 7.8375 | .54775 | .07849 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 40.681 | .34038 | .40180 | 20.431 | .44567 | .45011 | 2.0368 | 10.460 | .73686 |
| Stddev | .042   | .00059 | .00153 | .045   | .00151 | .01966 | .0076  | .021   | .00016 |
| %RSD   | .10279 | .17315 | .37980 | .21805 | .33825 | 4.3681 | .37245 | .20408 | .02227 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 40.710 | .33996 | .40073 | 20.400 | .44460 | .46401 | 2.0315 | 10.445 | .73674 |
| #2 | 40.651 | .34080 | .40288 | 20.463 | .44673 | .43621 | 2.0422 | 10.475 | .73698 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | .24751 | .23161 | 7.710  | .51393 |
| Stddev | .00206 | .00279 | .002   | .00026 |
| %RSD   | .83222 | 1.2056 | .0308  | .05131 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .24896 | .22964 | 7.712 | .51374 |
| #2 | .24605 | .23359 | 7.708 | .51411 |



Sample Name: I5169-01MS      Acquired: 9/11/2017 15:11:39      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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       | 2761.5  | 40592.  | 3611.6  | 93.687 | 3110.6 |
| Stddev    | .7      | 54.     | 10.6    | .273   | 2.5    |
| %RSD      | .02590  | .13251  | .16020  | .29133 | .08165 |
| #1        | 2762.0  | 40553.  | 6604.1  | 93.880 | 3112.4 |
| #2        | 2761.0  | 40630.  | 6619.1  | 93.494 | 3108.8 |

Sample Name: I5169-01MSD      Acquired: 9/11/2017 15:15:36      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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    | .89945 | 2.1785 | 1.0715 | 2.1860 | .86290 | 2.7027 | .30225 | .23183 | .21159 |
| Stddev | .00549 | .0033  | .0047  | .0037  | .00329 | .0245  | .00016 | .00022 | .00043 |
| %RSD   | .60995 | .15324 | .43591 | .16727 | .38079 | .90708 | .05236 | .09671 | .20465 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .89557 | 2.1761 | 1.0682 | 2.1886 | .86058 | 2.6853 | .30236 | .23167 | .21128 |
| #2 | .90333 | 2.1809 | 1.0748 | 2.1834 | .86522 | 2.7200 | .30213 | .23199 | .21189 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 73.895 | .45260 | .21487 | .34519 | 12.454 | .61348 | 7.8177 | .54358 | .07933 |
| Stddev | .065   | .00220 | .00069 | .00140 | .272   | .00157 | .0578  | .00020 | .00005 |
| %RSD   | .08757 | .48574 | .32131 | .40607 | 2.1871 | .25630 | .74003 | .03767 | .06104 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 73.941 | .45105 | .21438 | .34420 | 12.261 | .61237 | 7.8586 | .54343 | .07929 |
| #2 | 73.849 | .45415 | .21536 | .34618 | 12.646 | .61459 | 7.7768 | .54372 | .07936 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 40.576 | .34025 | .39951 | 20.348 | .44448 | .45445 | 2.0255 | 10.262 | .73461 |
| Stddev | .091   | .00252 | .00917 | .036   | .00111 | .00131 | .0133  | .035   | .00174 |
| %RSD   | .22520 | .73918 | 2.2965 | .17505 | .24969 | .28873 | .65779 | .33793 | .23747 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 40.511 | .33847 | .39302 | 20.373 | .44369 | .45537 | 2.0160 | 10.237 | .73338 |
| #2 | 40.640 | .34203 | .40600 | 20.322 | .44526 | .45352 | 2.0349 | 10.287 | .73584 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | .24363 | .23048 | 7.710  | .51142 |
| Stddev | .00003 | .00099 | .001   | .00110 |
| %RSD   | .01093 | .42797 | .0131  | .21578 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .24365 | .22978 | 7.710 | .51220 |
| #2 | .24361 | .23118 | 7.711 | .51064 |

Sample Name: I5169-01MSD      Acquired: 9/11/2017 15:15:36      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      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       | 2749.9 | 40430. | 3612.0 | 93.747 | 3097.1 |
| Stddev    | .3     | 84.    | 15.7   | 1.932  | 1.8    |
| %RSD      | .01159 | .20661 | .23726 | 2.0613 | .05798 |
| #1        | 2749.7 | 40489. | 6600.9 | 95.114 | 3098.4 |
| #2        | 2750.1 | 40371. | 6623.1 | 92.381 | 3095.8 |

Sample Name: I5169-01A      Acquired: 9/11/2017 15:19:32      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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    | .79313 | 1.9250 | .94478 | 1.9138 | .75747 | 2.3619 | .26166 | .21906 | .18682 |
| Stddev | .01115 | .0252  | .01741 | .0292  | .00317 | .0129  | .00033 | .00815 | .00296 |
| %RSD   | 1.4055 | 1.3073 | 1.8430 | 1.5239 | .41841 | .54508 | .12749 | 3.7218 | 1.5837 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .78525 | 1.9072 | .93247 | 1.8931 | .75523 | 2.3528 | .26142 | .21330 | .18473 |
| #2 | .80101 | 1.9428 | .95710 | 1.9344 | .75971 | 2.3710 | .26189 | .22483 | .18891 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 37.123 | .43088 | .18893 | .30392 | 11.164 | .56593 | 3.9381 | .48017 | .06830 |
| Stddev | .088   | .01453 | .00305 | .00342 | .172   | .00830 | .0135  | .00669 | .00044 |
| %RSD   | .13057 | 3.3724 | 1.6123 | 1.1238 | 1.5451 | 1.4675 | .19480 | 1.3930 | .64326 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 67.185 | .42061 | .18678 | .30150 | 11.286 | .56006 | 6.9477 | .47544 | .06861 |
| #2 | 67.061 | .44115 | .19109 | .30633 | 11.042 | .57180 | 6.9285 | .48490 | .06799 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 36.633 | .31862 | .35683 | 17.941 | .38899 | .39317 | 1.8401 | 3.4844 | .65041 |
| Stddev | .013   | .01200 | .00519 | .066   | .00014 | .00137 | .0022  | .0083  | .00131 |
| %RSD   | .03429 | 3.7663 | 1.4544 | .36911 | .03627 | .34839 | .11671 | .08736 | .20121 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 36.624 | .31013 | .36050 | 17.988 | .38909 | .39414 | 1.8416 | 9.4785 | .65134 |
| #2 | 36.642 | .32710 | .35316 | 17.895 | .38889 | .39220 | 1.8386 | 9.4902 | .64948 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | .22037 | .19591 | 3.819  | .45478 |
| Stddev | .00313 | .00085 | .081   | .00112 |
| %RSD   | 1.4212 | .43285 | 1.190  | .24552 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .21816 | .19531 | 6.762 | .45399 |
| #2 | .22259 | .19651 | 6.877 | .45557 |

Sample Name: I5169-01A      Acquired: 9/11/2017 15:19:32      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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       | 2779.0  | 40251.  | 3598.0  | 92.829 | 3124.1 |
| Stddev    | 1.2     | 13.     | 12.3    | 2.073  | 4.4    |
| %RSD      | .04434  | .03184  | .18671  | 2.2334 | .14162 |
| #1        | 2778.2  | 40242.  | 6589.3  | 91.363 | 3127.2 |
| #2        | 2779.9  | 40260.  | 6606.7  | 94.295 | 3120.9 |

Sample Name: I5169-02      Acquired: 9/11/2017 15:23:30      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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    | .00118 | .00070 | .01100 | .00914 | .00220 | .29370 | .06733 | .00016 |
| Stddev | .00251 | .00027 | .00062 | .00251 | .00083 | .00121 | .00087 | .00002 |
| %RSD   | 212.65 | 38.153 | 5.6269 | 27.454 | 37.628 | .41299 | 1.2968 | 12.834 |

|    |         |         |        |         |        |        |        |        |
|----|---------|---------|--------|---------|--------|--------|--------|--------|
| #1 | -.00060 | -.00051 | .01056 | -.01092 | .00278 | .29456 | .06671 | .00015 |
| #2 | .00296  | -.00089 | .01143 | -.00737 | .00161 | .29284 | .06794 | .00018 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00015 | 70.124 | .00209 | .00086 | .00310 | 3.5452 | .37860 | 5.1738 |
| Stddev | .00003 | .368   | .00025 | .00015 | .00017 | .0780  | .00126 | .0359  |
| %RSD   | 19.275 | .52418 | 11.818 | 17.791 | 5.3454 | .91285 | .33411 | .69469 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | -.00013 | 69.864 | .00192 | .00097 | .00298 | 8.6004 | .37771 | 5.1992 |
| #2 | -.00017 | 70.384 | .00227 | .00076 | .00322 | 8.4900 | .37950 | 5.1484 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00306 | .00087 | 36.144 | .00225 | .15879 | 3.9038 | .00167 | .10764 |
| Stddev | .00026 | .00016 | .093   | .00013 | .00228 | .0047  | .00005 | .00356 |
| %RSD   | 8.3770 | 17.886 | .25664 | 5.8374 | 1.4375 | .05228 | 2.8527 | 3.3041 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .00288 | -.00076 | 36.078 | .00216 | .16041 | 8.9005 | .00170 | .11015 |
| #2 | .00324 | -.00098 | 36.209 | .00234 | .15718 | 8.9071 | .00163 | .10512 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.3086 | 3.8279 | .00133 | .01298 | .00813 | .8399  | .28152 |
| Stddev | .0028  | .0392  | .00052 | .00175 | .00101 | .0007  | .00011 |
| %RSD   | .12001 | .44355 | 39.062 | 13.466 | 12.461 | .0798  | .03985 |

|    |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|-------|--------|
| #1 | 2.3066 | 8.8002 | .00169 | .01175 | .00884 | .8394 | .28144 |
| #2 | 2.3106 | 8.8556 | .00096 | .01422 | .00741 | .8404 | .28160 |

Sample Name: I5169-02      Acquired: 9/11/2017 15:23:30      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      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       | 2773.8  | 40223.  | 3666.9  | 94.427 | 3126.0 |
| Stddev    | 7.6     | 261.    | 3.3     | 1.637  | 5.4    |
| %RSD      | .27577  | .64977  | .04892  | 1.7336 | .17212 |
|           |         |         |         |        |        |
| #1        | 2768.4  | 40408.  | 6664.6  | 93.269 | 3122.2 |
| #2        | 2779.2  | 40038.  | 6669.2  | 95.584 | 3129.8 |

Sample Name: I5123-02A      Acquired: 9/11/2017 15:27:40      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: EP-13      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    | .70681 | 1.9090 | 1.0768 | 1.6714 | .67118 | 76.412 | .96280 | .17985 | .18729 |
| Stddev | .00362 | .0053  | .0047  | .0106  | .00057 | .356   | .00223 | .00035 | .00040 |
| %RSD   | .51277 | .27740 | .43931 | .63184 | .08536 | .46545 | .23201 | .19475 | .21123 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .70937 | 1.9052 | 1.0735 | 1.6789 | .67158 | 76.160 | .96438 | .17960 | .18701 |
| #2 | .70425 | 1.9127 | 1.0802 | 1.6640 | .67077 | 76.663 | .96122 | .18010 | .18757 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 54.655 | .48832 | .27743 | .35666 | 183.69 | 5.3706 | 52.875 | .70218 | .05525 |
| Stddev | .122   | .00008 | .00073 | .00149 | 2.35   | .0063  | .050   | .00058 | .00048 |
| %RSD   | .22347 | .01571 | .26334 | .41866 | 1.2818 | .11795 | .09367 | .08313 | .87018 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 54.741 | .48826 | .27795 | .35561 | 185.35 | 5.3662 | 52.910 | .70259 | .05559 |
| #2 | 54.569 | .48837 | .27692 | .35772 | 182.02 | 5.3751 | 52.840 | .70176 | .05491 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 4.6192 | .44322 | .56907 | 25.010 | .34123 | .38918 | .73353 | 7.0459 | .67712 |
| Stddev | .0119  | .00125 | .01109 | .084   | .00052 | .00752 | .00276 | .0430  | .00174 |
| %RSD   | .25670 | .28175 | 1.9493 | .33701 | .15246 | 1.9328 | .37566 | .61047 | .25711 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 4.6276 | .44234 | .57691 | 25.070 | .34160 | .38386 | .73548 | 7.0763 | .67835 |
| #2 | 4.6108 | .44410 | .56122 | 24.950 | .34086 | .39450 | .73158 | 7.0155 | .67589 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.1854 | .28347 | 12.83  | 31910  |
| Stddev | .0117  | .00355 | .02    | .00184 |
| %RSD   | .53660 | 1.2507 | .1519  | .57541 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 2.1937 | .28597 | 12.82 | .32040 |
| #2 | 2.1771 | .28096 | 12.85 | .31780 |



Sample Name: I5123-02A      Acquired: 9/11/2017 15:27:40      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: EP-13      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       | 3071.4  | 44790.  | 7419.1  | 37.032 | 2925.7 |
| Stddev    | 4.0     | 1.      | 74.4    | 1.635  | 2.1    |
| %RSD      | .12890  | .00267  | 1.0025  | 1.8789 | .07200 |
| #1        | 3068.6  | 44791.  | 7366.5  | 85.876 | 2924.2 |
| #2        | 3074.2  | 44789.  | 7471.6  | 88.188 | 2927.2 |

Sample Name: I5123-05      Acquired: 9/11/2017 15:31:42      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: EP-14      Custom ID2:      Custom ID3:  
Comment:

|        |        |         |        |        |        |        |        |        |
|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908  | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .07564 | -.00268 | .42644 | .08091 | .01092 | 214.71 | 1.9561 | .01499 |
| Stddev | .00280 | .00078  | .00319 | .00560 | .00099 | 2.53   | .0068  | .00051 |
| %RSD   | 3.7007 | 29.156  | .74799 | 6.9153 | 9.0741 | 1.1775 | .34746 | 3.4142 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .07366 | -.00323 | .42419 | .07695 | .01162 | 216.50 | 1.9610 | .01535 |
| #2 | .07762 | -.00213 | .42870 | .08486 | .01022 | 212.92 | 1.9513 | .01462 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00492 | 243.06 | .31730 | .23967 | .20322 | 506.27 | 7.8058 | 147.35 |
| Stddev | .00088 | .14    | .00423 | .00084 | .00243 | 8.77   | .0252  | .17    |
| %RSD   | 17.874 | .05559 | 1.3338 | .35175 | 1.1937 | 1.7323 | .32327 | .11735 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00554 | 242.97 | .32029 | .23907 | .20493 | 500.07 | 7.8236 | 147.22 |
| #2 | .00429 | 243.16 | .31431 | .24026 | .20150 | 512.47 | 7.7879 | 147.47 |

|        |        |         |        |        |        |        |         |        |
|--------|--------|---------|--------|--------|--------|--------|---------|--------|
| Elem   | Ni2316 | Ag3280  | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020  | B_2496 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm     | ppm    |
| Avg    | .53164 | -.00825 | 2.1744 | .38811 | 1.1754 | 36.568 | -.00129 | .37445 |
| Stddev | .00122 | .00176  | .0052  | .00220 | .0247  | .006   | .00017  | .01523 |
| %RSD   | .22963 | 21.292  | .23703 | .56807 | 2.0983 | .01525 | 13.199  | 4.0686 |

|    |        |         |        |        |        |        |         |        |
|----|--------|---------|--------|--------|--------|--------|---------|--------|
| #1 | .53078 | -.00949 | 2.1780 | .38967 | 1.1580 | 36.564 | -.00117 | .36368 |
| #2 | .53251 | -.00700 | 2.1708 | .38655 | 1.1928 | 36.572 | -.00141 | .38522 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 13.333 | 2.0126 | .02144 | 3.1138 | .43892 | 10.33  | .61433 |
| Stddev | .039   | .0158  | .00056 | .0014  | .00202 | .01    | .00008 |
| %RSD   | .28993 | .78258 | 2.5974 | .04601 | .45953 | .0797  | .01383 |

|    |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|-------|--------|
| #1 | 13.360 | 2.0237 | .02183 | 3.1128 | .44034 | 10.34 | .61439 |
| #2 | 13.306 | 2.0015 | .02104 | 3.1148 | .43749 | 10.33 | .61427 |

Sample Name: I5123-05      Acquired: 9/11/2017 15:31:42      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: EP-14      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       | 3215.0  | 46940.  | 3061.4  | 33.233 | 2609.1 |
| Stddev    | .2      | 416.    | 21.1    | 1.623  | 2.9    |
| %RSD      | .00768  | .88548  | .26218  | 1.9494 | .11138 |
| #1        | 3214.8  | 46646.  | 8076.4  | 84.380 | 2607.1 |
| #2        | 3215.2  | 47233.  | 8046.5  | 82.085 | 2611.2 |

Sample Name: CCV05      Acquired: 9/11/2017 15:35:52      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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    | 5.0522 | 5.0332 | 4.9370 | 5.0374 | 5.0315 | 10.135 | 10.174 | 25814  | 2.4695 |
| Stddev | .0195  | .0016  | .0078  | .0199  | .0014  | .000   | .004   | .00102 | .0014  |
| %RSD   | .38579 | .03262 | .15747 | .39503 | .02779 | .00282 | .03989 | .39707 | .05728 |

|    |        |        |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|--------|--------|-------|--------|
| #1 | 5.0660 | 5.0320 | 4.9425 | 5.0515 | 5.0325 | 10.136 | 10.171 | 25887 | 2.4705 |
| #2 | 5.0384 | 5.0343 | 4.9315 | 5.0233 | 5.0305 | 10.135 | 10.177 | 25742 | 2.4685 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 25.321 | 1.0282 | 2.4618 | 1.2598 | 4.9965 | 2.5463 | 25.070 | 2.4844 | 1.2762 |
| Stddev | .108   | .0026  | .0019  | .0003  | .0609  | .0092  | .030   | .0036  | .0070  |
| %RSD   | .42456 | .25332 | .07591 | .02611 | 1.2198 | .36160 | .11825 | .14636 | .55132 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 25.245 | 1.0300 | 2.4631 | 1.2601 | 4.9534 | 2.5528 | 25.091 | 2.4870 | 1.2812 |
| #2 | 25.397 | 1.0263 | 2.4604 | 1.2596 | 5.0396 | 2.5398 | 25.049 | 2.4819 | 1.2713 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 25.344 | 2.5201 | 2.5008 | 25.525 | 5.0505 | 5.1512 | 4.9766 | 5.3390 | 4.9617 |
| Stddev | .050   | .0092  | .0137  | .016   | .0092  | .0123  | .0004  | .0261  | .0025  |
| %RSD   | .19659 | .36664 | .54585 | .06082 | .18163 | .23779 | .00852 | .48791 | .05116 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 25.309 | 2.5266 | 2.4912 | 25.536 | 5.0570 | 5.1425 | 4.9769 | 5.3206 | 4.9635 |
| #2 | 25.379 | 2.5135 | 2.5105 | 25.514 | 5.0440 | 5.1598 | 4.9763 | 5.3575 | 4.9599 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 5.1639 | 5.1227 | 5.312  | 5.1953 |
| Stddev | .0113  | .0111  | .002   | .0207  |
| %RSD   | .21950 | .21599 | .0279  | .39816 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 5.1559 | 5.1149 | 5.313 | 5.1807 |
| #2 | 5.1720 | 5.1305 | 5.311 | 5.2100 |

Sample Name: CCV05      Acquired: 9/11/2017 15:35:52      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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       | 2726.0  | 39382.  | 3388.8  | 38.573 | 3004.2 |
| Stddev    | 10.0    | 181.    | 17.2    | .327   | 6.6    |
| %RSD      | .36767  | .45832  | .26956  | .36865 | .21962 |
| #1        | 2718.9  | 39255.  | 6376.7  | 88.804 | 2999.5 |
| #2        | 2733.0  | 39510.  | 6401.0  | 88.342 | 3008.9 |

Sample Name: CCB05      Acquired: 9/11/2017 15:39:51      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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    | .00086 | .00166 | .00075 | .00205 | .00068 | .00434 | .00039 | .00005 |
| Stddev | .00038 | .00171 | .00058 | .00088 | .00154 | .01364 | .00067 | .00005 |
| %RSD   | 43.536 | 102.63 | 76.546 | 42.897 | 227.06 | 314.21 | 172.66 | 95.681 |

|    |         |        |         |         |         |         |         |        |
|----|---------|--------|---------|---------|---------|---------|---------|--------|
| #1 | -.00060 | .00287 | -.00035 | -.00143 | .00041  | -.01398 | .00086  | .00009 |
| #2 | -.00113 | .00046 | -.00116 | -.00267 | -.00177 | .00530  | -.00009 | .00002 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00006 | .01132 | .00062 | .00002 | .00009 | .01066 | .00005 | .02331 |
| Stddev | .00007 | .00170 | .00001 | .00028 | .00001 | .00111 | .00005 | .01912 |
| %RSD   | 119.47 | 14.979 | 1.2812 | 1424.9 | 11.183 | 10.437 | 93.968 | 82.040 |

|    |        |        |        |         |        |         |         |        |
|----|--------|--------|--------|---------|--------|---------|---------|--------|
| #1 | .00001 | .01012 | .00062 | -.00022 | .00010 | -.01145 | -.00009 | .00979 |
| #2 | .00011 | .01252 | .00063 | .00018  | .00009 | -.00987 | -.00002 | .03683 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00003 | .00060 | .07981 | .00060 | .00009 | .01937 | .00293 | .00524 |
| Stddev | .00001 | .00067 | .00167 | .00008 | .00004 | .03646 | .00096 | .00054 |
| %RSD   | 54.874 | 111.11 | 2.0887 | 12.436 | 45.577 | 188.29 | 32.694 | 10.345 |

|    |         |         |         |         |         |         |        |        |
|----|---------|---------|---------|---------|---------|---------|--------|--------|
| #1 | -.00004 | -.00013 | -.07863 | -.00055 | -.00012 | .00642  | .00361 | .00563 |
| #2 | -.00002 | -.00107 | -.08099 | -.00066 | -.00006 | -.04515 | .00225 | .00486 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .00043 | .00375 | .00111 | .00060 | .00553 | .0029  | .00013 |  |
| Stddev | .00518 | .01835 | .00008 | .00026 | .00054 | .0007  | .00000 |  |
| %RSD   | 1210.0 | 489.91 | 7.5564 | 43.117 | 9.7785 | 22.89  | .44770 |  |

|    |         |         |        |         |         |        |         |  |
|----|---------|---------|--------|---------|---------|--------|---------|--|
| #1 | .00323  | .00923  | .00106 | -.00042 | -.00515 | -.0024 | -.00013 |  |
| #2 | -.00409 | -.01672 | .00117 | -.00079 | -.00591 | -.0033 | -.00013 |  |

Sample Name: CCB05      Acquired: 9/11/2017 15:39:51      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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       | 2839.9  | 40825.  | 3409.5  | 30.264 | 3243.6 |
| Stddev    | 11.0    | 253.    | 3.5     | .463   | 5.3    |
| %RSD      | .38566  | .61946  | .05441  | .51276 | .16338 |
| #1        | 2832.1  | 40646.  | 6412.0  | 89.936 | 3239.8 |
| #2        | 2847.6  | 41004.  | 6407.1  | 90.591 | 3247.3 |

Sample Name: I5123-06      Acquired: 9/11/2017 15:44:01      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: EP-20      Custom ID2:      Custom ID3:  
Comment:

|        |        |         |        |        |        |        |        |        |
|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908  | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .06935 | -.00656 | .32982 | .04517 | .00659 | 181.22 | 1.5817 | .01281 |
| Stddev | .00195 | .00142  | .00388 | .00323 | .00119 | .67    | .0027  | .00024 |
| %RSD   | 2.8179 | 21.639  | 1.1767 | 7.1554 | 18.031 | .37158 | .17408 | 1.8931 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .07074 | -.00556 | .32707 | .04288 | .00743 | 181.70 | 1.5798 | .01298 |
| #2 | .06797 | -.00757 | .33256 | .04746 | .00575 | 180.75 | 1.5837 | .01264 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00420 | 394.34 | .28563 | .19970 | .21179 | 403.72 | 3.0157 | 157.91 |
| Stddev | .00036 | .10    | .00006 | .00045 | .00294 | 3.79   | .0093  | .05    |
| %RSD   | 8.5154 | .02601 | .02234 | .22415 | 1.3862 | .93874 | .11557 | .03000 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00446 | 394.27 | .28558 | .19938 | .21386 | 401.04 | 8.0091 | 157.94 |
| #2 | .00395 | 394.41 | .28567 | .20001 | .20971 | 406.40 | 8.0222 | 157.88 |

|        |        |         |        |        |        |        |        |        |
|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280  | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .45854 | -.00959 | 2.8907 | .36108 | .93907 | 37.348 | .00074 | .31627 |
| Stddev | .00079 | .00036  | .0032  | .00054 | .00939 | .070   | .00012 | .01123 |
| %RSD   | .17297 | 3.7226  | .11241 | .14973 | 1.0002 | .18805 | 16.292 | 3.5516 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .45798 | -.00984 | 2.8884 | .36070 | .93243 | 37.298 | .00065 | .30833 |
| #2 | .45911 | -.00934 | 2.8930 | .36146 | .94571 | 37.398 | .00083 | .32421 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | 20.847 | 2.5384 | .02146 | 3.7998 | .33374 | 12.20  | .94153 |  |
| Stddev | .037   | .0096  | .00181 | .0036  | .00080 | .02    | .00036 |  |
| %RSD   | .17762 | .37972 | 8.4509 | .09551 | .24007 | .1410  | .03784 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | 20.821 | 2.5452 | .02275 | 3.7972 | .33318 | 12.19 | .94178 |  |
| #2 | 20.874 | 2.5316 | .02018 | 3.8024 | .33431 | 12.21 | .94128 |  |



Sample Name: I5123-06      Acquired: 9/11/2017 15:44:01      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: EP-20      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       | 3165.6  | 45950.  | 3013.6  | 34.336 | 2599.2 |
| Stddev    | 1.5     | 66.     | 21.8    | .751   | 3.5    |
| %RSD      | .04730  | .14439  | .27255  | .89078 | .13618 |
| #1        | 3164.5  | 45903.  | 8029.1  | 84.868 | 2601.7 |
| #2        | 3166.7  | 45997.  | 7998.2  | 83.805 | 2596.7 |

Sample Name: I5123-07      Acquired: 9/11/2017 15:48:14      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: EP-25      Custom ID2:      Custom ID3:  
Comment:

|        |        |         |        |        |        |        |        |        |
|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908  | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .06805 | -.00737 | .30712 | .03629 | .00658 | 160.34 | 1.3613 | .01127 |
| Stddev | .00252 | .00089  | .00184 | .00010 | .00045 | .69    | .0034  | .00018 |
| %RSD   | 3.7006 | 12.132  | .59874 | .28489 | 6.8120 | .43281 | .24588 | 1.6016 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .06627 | -.00800 | .30842 | .03636 | .00626 | 159.85 | 1.3589 | .01115 |
| #2 | .06983 | -.00674 | .30582 | .03622 | .00690 | 160.83 | 1.3636 | .01140 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00253 | 389.01 | .27910 | .17908 | .18473 | 379.98 | 7.3106 | 142.93 |
| Stddev | .00028 | 1.13   | .00065 | .00045 | .00255 | 1.32   | .0395  | .02    |
| %RSD   | 10.947 | .28919 | .23358 | .24862 | 1.3777 | .34827 | .54089 | .01454 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00234 | 388.22 | .27863 | .17876 | .18294 | 380.91 | 7.2827 | 142.92 |
| #2 | .00273 | 389.81 | .27956 | .17939 | .18653 | 379.04 | 7.3386 | 142.94 |

|        |        |         |        |        |        |        |        |        |
|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280  | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .41219 | -.00718 | 3.2190 | .35117 | .88566 | 33.492 | .00167 | .30743 |
| Stddev | .00102 | .00027  | .0004  | .00008 | .00875 | .098   | .00045 | .00512 |
| %RSD   | .24801 | 3.7042  | .01317 | .02393 | .98770 | .29238 | 27.085 | 1.6654 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .41291 | -.00699 | 3.2187 | .35111 | .89184 | 33.423 | .00199 | .31105 |
| #2 | .41147 | -.00737 | 3.2193 | .35123 | .87947 | 33.561 | .00135 | .30381 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | 20.350 | 6.4257 | .02398 | 3.9202 | .28431 | 11.91  | .88026 |  |
| Stddev | .019   | .0148  | .00126 | .0106  | .00087 | .01    | .00062 |  |
| %RSD   | .09355 | .23074 | 5.2356 | .26914 | .30512 | .0497  | .07046 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | 20.336 | 6.4152 | .02309 | 3.9127 | .28369 | 11.91 | .87982 |  |
| #2 | 20.363 | 6.4362 | .02487 | 3.9276 | .28492 | 11.91 | .88070 |  |

Sample Name: I5123-07      Acquired: 9/11/2017 15:48:14      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: EP-25      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       | 3125.3  | 45868.  | 7989.7  | 31.836 | 2601.0 |
| Stddev    | 2.4     | 17.     | 23.9    | .886   | 1.2    |
| %RSD      | .07719  | .03699  | .29911  | 1.0828 | .04440 |
| #1        | 3123.6  | 45856.  | 7972.8  | 81.209 | 2600.2 |
| #2        | 3127.0  | 45880.  | 8006.6  | 82.462 | 2601.8 |

Sample Name: I5123-08      Acquired: 9/11/2017 15:52:18      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: EP-26      Custom ID2:      Custom ID3:  
Comment:

|        |        |         |        |        |        |        |        |        |
|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908  | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .05829 | -.00616 | .34199 | .04052 | .00747 | 176.06 | 1.6739 | .01314 |
| Stddev | .00055 | .00188  | .00273 | .00150 | .00038 | 1.37   | .0215  | .00002 |
| %RSD   | .93965 | 30.490  | .79950 | 3.6985 | 5.1022 | .77629 | 1.2819 | .18298 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .05868 | -.00484 | .34006 | .03946 | .00774 | 177.02 | 1.6891 | .01316 |
| #2 | .05790 | -.00749 | .34392 | .04158 | .00720 | 175.09 | 1.6587 | .01313 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00407 | 381.40 | .27751 | .19518 | .18265 | 398.26 | 3.0210 | 158.34 |
| Stddev | .00004 | 4.10   | .00166 | .00099 | .00067 | 1.24   | .0204  | 1.25   |
| %RSD   | 1.0787 | 1.0741 | .59819 | .50882 | .36509 | .31140 | .25397 | .78878 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00410 | 384.30 | .27868 | .19447 | .18313 | 397.38 | 8.0354 | 159.22 |
| #2 | .00404 | 378.50 | .27634 | .19588 | .18218 | 399.14 | 8.0066 | 157.46 |

|        |        |         |        |        |        |        |         |        |
|--------|--------|---------|--------|--------|--------|--------|---------|--------|
| Elem   | Ni2316 | Ag3280  | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020  | B_2496 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm     | ppm    |
| Avg    | .44609 | -.00757 | 2.7314 | .36453 | .92978 | 38.559 | -.00031 | .31610 |
| Stddev | .00134 | .00053  | .0213  | .00169 | .00017 | .475   | .00006  | .00320 |
| %RSD   | .30074 | 7.0004  | .77920 | .46411 | .01854 | 1.2326 | 17.823  | 1.0108 |

|    |        |         |        |        |        |        |         |        |
|----|--------|---------|--------|--------|--------|--------|---------|--------|
| #1 | .44703 | -.00794 | 2.7465 | .36573 | .92966 | 38.895 | -.00035 | .31384 |
| #2 | .44514 | -.00719 | 2.7164 | .36333 | .92990 | 38.223 | -.00027 | .31836 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 17.404 | 2.5369 | .02233 | 3.7903 | .32930 | 11.80  | .86014 |
| Stddev | .045   | .0237  | .00026 | .0645  | .00346 | .01    | .01359 |
| %RSD   | .25760 | .93456 | 1.1675 | 1.7028 | 1.0498 | .0780  | 1.5805 |

|    |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|-------|--------|
| #1 | 17.373 | 2.5537 | .02251 | 3.8359 | .33174 | 11.79 | .86976 |
| #2 | 17.436 | 2.5202 | .02214 | 3.7447 | .32685 | 11.81 | .85053 |

Sample Name: I5123-08      Acquired: 9/11/2017 15:52:18      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: EP-26      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       | 3124.9  | 45795.  | 3002.0  | 33.812 | 2586.2 |
| Stddev    | 1.7     | 237.    | 92.1    | .062   | 5.7    |
| %RSD      | .05447  | .51683  | 1.1514  | .07353 | .22086 |
| #1        | 3126.1  | 45628.  | 7936.8  | 83.855 | 2590.2 |
| #2        | 3123.7  | 45963.  | 8067.1  | 83.768 | 2582.1 |

Sample Name: I5123-09      Acquired: 9/11/2017 15:56:22      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: EP-28      Custom ID2:      Custom ID3:  
Comment:

|        |        |         |        |        |        |        |        |        |
|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908  | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .06680 | -.00354 | .33555 | .05050 | .00586 | 172.30 | 1.4918 | .01171 |
| Stddev | .00002 | .00022  | .00587 | .00004 | .00200 | .07    | .0082  | .00010 |
| %RSD   | .03391 | 6.1094  | 1.7485 | .08690 | 34.100 | .03822 | .55040 | .84352 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .06679 | -.00339 | .33140 | .05053 | .00727 | 172.26 | 1.4976 | .01164 |
| #2 | .06682 | -.00369 | .33970 | .05047 | .00445 | 172.35 | 1.4859 | .01178 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00184 | 254.92 | .28076 | .17055 | .18634 | 368.45 | 7.4780 | 107.74 |
| Stddev | .00059 | .39    | .00009 | .00036 | .00195 | 6.94   | .0405  | .49    |
| %RSD   | 31.967 | .15135 | .03381 | .20908 | 1.0464 | 1.8825 | .54144 | .45029 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00225 | 255.19 | .28082 | .17081 | .18772 | 363.54 | 7.4494 | 108.08 |
| #2 | .00142 | 254.65 | .28069 | .17030 | .18496 | 373.35 | 7.5066 | 107.39 |

|        |        |         |        |        |        |        |        |        |
|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280  | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .39021 | -.00829 | 4.8571 | .34543 | .91495 | 26.660 | .00090 | .27636 |
| Stddev | .00159 | .00012  | .0292  | .00142 | .01723 | .132   | .00011 | .02011 |
| %RSD   | .40737 | 1.4649  | .60089 | .41240 | 1.8833 | .49487 | 12.738 | 7.2779 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .39134 | -.00838 | 4.8778 | .34442 | .90277 | 26.753 | .00098 | .26214 |
| #2 | .38909 | -.00821 | 4.8365 | .34644 | .92714 | 26.566 | .00081 | .29058 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 12.703 | 5.4406 | .02836 | 2.7023 | .28521 | 10.13  | .66506 |
| Stddev | .004   | .0459  | .00055 | .0043  | .00180 | .02    | .00273 |
| %RSD   | .03379 | .84286 | 1.9401 | .16083 | .63198 | .1783  | .41034 |

|    |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|-------|--------|
| #1 | 12.700 | 5.4730 | .02875 | 2.7054 | .28648 | 10.12 | .66699 |
| #2 | 12.706 | 5.4082 | .02797 | 2.6992 | .28393 | 10.14 | .66313 |

Sample Name: I5123-09      Acquired: 9/11/2017 15:56:22      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: EP-28      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       | 3148.8  | 45871.  | 7859.5  | 34.446 | 2686.7 |
| Stddev    | 3.9     | 41.     | 14.6    | 1.700  | 2.3    |
| %RSD      | .12348  | .08863  | .18547  | 2.0131 | .08603 |
| #1        | 3151.5  | 45900.  | 7849.2  | 85.648 | 2688.4 |
| #2        | 3146.0  | 45842.  | 7869.8  | 83.244 | 2685.1 |

Sample Name: I5123-12      Acquired: 9/11/2017 16:00:33      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: EP-19      Custom ID2:      Custom ID3:  
Comment:

|        |        |         |        |        |        |        |        |        |
|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908  | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .06472 | -.00451 | .35636 | .05995 | .00691 | 185.78 | 1.3609 | .01291 |
| Stddev | .00098 | .00121  | .00151 | .00501 | .00103 | .94    | .0007  | .00008 |
| %RSD   | 1.5173 | 26.894  | .42404 | 8.3579 | 14.901 | .50584 | .04949 | .61789 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .06541 | -.00536 | .35743 | .06349 | .00618 | 185.12 | 1.3604 | .01297 |
| #2 | .06402 | -.00365 | .35529 | .05641 | .00764 | 186.45 | 1.3613 | .01285 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00293 | 245.80 | .30101 | .18858 | .18634 | 404.00 | 7.5177 | 112.70 |
| Stddev | .00102 | .09    | .00069 | .00029 | .00517 | 8.56   | .0217  | .27    |
| %RSD   | 34.703 | .03846 | .22920 | .15556 | 2.7766 | 2.1178 | .28910 | .23594 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00221 | 245.73 | .30052 | .18837 | .18268 | 410.05 | 7.5331 | 112.89 |
| #2 | .00365 | 245.86 | .30150 | .18879 | .19000 | 397.95 | 7.5024 | 112.51 |

|        |        |         |        |        |        |        |         |        |
|--------|--------|---------|--------|--------|--------|--------|---------|--------|
| Elem   | Ni2316 | Ag3280  | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020  | B_2496 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm     | ppm    |
| Avg    | .42951 | -.00871 | 2.9444 | .36026 | .91978 | 32.144 | -.00010 | .30424 |
| Stddev | .00144 | .00096  | .0049  | .00010 | .01739 | .064   | .00080  | .00082 |
| %RSD   | .33586 | 10.997  | .16743 | .02863 | 1.8904 | .19832 | 811.01  | .26878 |

|    |        |         |        |        |        |        |         |        |
|----|--------|---------|--------|--------|--------|--------|---------|--------|
| #1 | .42849 | -.00804 | 2.9409 | .36019 | .93207 | 32.099 | -.00066 | .30366 |
| #2 | .43053 | -.00939 | 2.9479 | .36034 | .90748 | 32.189 | .00047  | .30482 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | 9.9491 | 3.4788 | .02339 | 3.1852 | .29943 | 11.02  | .60332 |  |
| Stddev | .0343  | .0109  | .00234 | .0222  | .00160 | .03    | .00400 |  |
| %RSD   | .34508 | .31181 | 10.000 | .69645 | .53454 | .2692  | .66357 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | 9.9249 | 3.4712 | .02174 | 3.1695 | .29830 | 11.00 | .60049 |  |
| #2 | 9.9734 | 3.4865 | .02505 | 3.2009 | .30056 | 11.04 | .60615 |  |



Sample Name: I5123-12      Acquired: 9/11/2017 16:00:33      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: EP-19      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       | 3226.4  | 46684.  | 3067.0  | 34.670 | 2661.9 |
| Stddev    | .0      | 55.     | 19.1    | 1.731  | 1.7    |
| %RSD      | .00008  | .11691  | .23653  | 2.0447 | .06287 |
| #1        | 3226.4  | 46646.  | 8053.5  | 83.445 | 2663.1 |
| #2        | 3226.4  | 46723.  | 8080.5  | 85.894 | 2660.7 |

Sample Name: I5126-01      Acquired: 9/11/2017 16:04:45      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: TR-05-090617      Custom ID2:      Custom ID3:  
Comment:

|        |        |         |        |        |        |        |        |        |
|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908  | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .10260 | -.00145 | .46110 | .02280 | .00490 | 109.03 | .42350 | .00719 |
| Stddev | .00019 | .00194  | .00341 | .00179 | .00117 | .51    | .00142 | .00011 |
| %RSD   | .18617 | 133.86  | .73931 | 7.8652 | 23.909 | .46889 | .33477 | 1.4934 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .10274 | -.00008 | .46351 | .02153 | .00573 | 108.67 | .42249 | .00712 |
| #2 | .10247 | -.00282 | .45869 | .02407 | .00407 | 109.39 | .42450 | .00727 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00198 | 203.14 | .14726 | .11439 | .37452 | 232.41 | 4.3606 | 91.991 |
| Stddev | .00056 | .18    | .00050 | .00021 | .00106 | 3.27   | .0060  | .114   |
| %RSD   | 28.164 | .09086 | .33772 | .18479 | .28323 | 1.4074 | .13680 | .12348 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00159 | 203.27 | .14761 | .11424 | .37527 | 234.72 | 4.3564 | 92.071 |
| #2 | .00237 | 203.00 | .14691 | .11454 | .37377 | 230.10 | 4.3648 | 91.911 |

|        |        |         |        |        |        |        |        |        |
|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280  | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .17977 | -.00980 | 2.7085 | .31273 | .94826 | 5.1969 | .00298 | .20468 |
| Stddev | .00077 | .00002  | .0095  | .00002 | .01766 | .0513  | .00022 | .00362 |
| %RSD   | .43056 | .16616  | .35217 | .00721 | 1.8628 | .98643 | 7.3178 | 1.7679 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .17922 | -.00978 | 2.7017 | .31274 | .96075 | 5.2332 | .00282 | .20724 |
| #2 | .18032 | -.00981 | 2.7152 | .31271 | .93577 | 5.1607 | .00313 | .20212 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | 4.6444 | 1.8318 | .02673 | 1.2125 | .16015 | 5.569  | .18881 |  |
| Stddev | .0032  | .0076  | .00015 | .0020  | .00151 | .001   | .00031 |  |
| %RSD   | .06979 | .41712 | .55158 | .16846 | .94041 | .0205  | .16379 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | 4.6467 | 1.8264 | .02683 | 1.2110 | .16121 | 5.570 | .18903 |  |
| #2 | 4.6421 | 1.8372 | .02662 | 1.2139 | .15908 | 5.568 | .18860 |  |

Sample Name: I5126-01      Acquired: 9/11/2017 16:04:45      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: TR-05-090617      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       | 2905.2  | 42549.  | 7241.0  | 38.086 | 2803.7 |
| Stddev    | 8.6     | 22.     | 36.9    | 1.760  | 1.8    |
| %RSD      | .29702  | .05252  | .50914  | 1.9982 | .06525 |
| #1        | 2899.1  | 42565.  | 7215.0  | 86.842 | 2802.4 |
| #2        | 2911.3  | 42533.  | 7267.1  | 89.331 | 2805.0 |

Sample Name: I5127-01      Acquired: 9/11/2017 16:08:46      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: RT-3026      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .12866 | .00030 | 4.3833 | .06605 | .03512 | 131.00 | .81449 | .00886 |
| Stddev | .00024 | .00032 | .0077  | .00406 | .00028 | .28    | .00400 | .00008 |
| %RSD   | .18442 | 108.90 | .17594 | 6.1418 | .78506 | .21574 | .49054 | .86603 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .12850 | .00053 | 4.3778 | .06891 | .03531 | 130.80 | .81732 | .00881 |
| #2 | .12883 | .00007 | 4.3887 | .06318 | .03492 | 131.20 | .81167 | .00892 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00710 | 34.132 | .32816 | .10493 | 1.9622 | 343.36 | 2.9859 | 70.569 |
| Stddev | .00041 | .425   | .00032 | .00039 | .0062  | 5.45   | .0038  | .401   |
| %RSD   | 5.7171 | .66255 | .09658 | .37538 | .31664 | 1.5873 | .12692 | .56860 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00681 | 64.432 | .32838 | .10465 | 1.9578 | 347.21 | 2.9885 | 70.853 |
| #2 | .00739 | 63.831 | .32793 | .10521 | 1.9666 | 339.51 | 2.9832 | 70.285 |

|        |        |         |        |        |        |        |        |        |
|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280  | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .28630 | -.01199 | 4.1018 | .39089 | 9.1845 | 9.9629 | .01195 | .25454 |
| Stddev | .00074 | .00090  | .0233  | .00170 | .1213  | .0674  | .00003 | .00122 |
| %RSD   | .25783 | 7.5437  | .56892 | .43439 | 1.3202 | .67691 | .24289 | .47792 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .28578 | -.01135 | 4.1183 | .39209 | 9.2702 | 10.011 | .01197 | .25368 |
| #2 | .28682 | -.01263 | 4.0853 | .38969 | 9.0987 | 9.9152 | .01193 | .25540 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 3.6842 | 3.0791 | .30346 | 1.3263 | .16949 | 3.597  | .43178 |
| Stddev | .0107  | .0183  | .00082 | .0034  | .00082 | .005   | .00195 |
| %RSD   | .12381 | .59320 | .27154 | .25681 | .48146 | .0614  | .45183 |

|    |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|-------|--------|
| #1 | 8.6918 | 3.0920 | .30288 | 1.3239 | .17006 | 8.601 | .43316 |
| #2 | 8.6766 | 3.0662 | .30404 | 1.3287 | .16891 | 8.593 | .43040 |

Sample Name: I5127-01      Acquired: 9/11/2017 16:08:46      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: RT-3026      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       | 2945.7  | 43407.  | 7431.4  | 91.009 | 2861.2 |
| Stddev    | .1      | 67.     | 58.3    | 1.324  | .3     |
| %RSD      | .00446  | .15344  | .78434  | 1.4543 | .00991 |
| #1        | 2945.6  | 43360.  | 7390.2  | 90.073 | 2861.4 |
| #2        | 2945.8  | 43454.  | 7472.7  | 91.945 | 2861.0 |

Sample Name: I5133-01      Acquired: 9/11/2017 16:12:45      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: VNJ-204      Custom ID2:      Custom ID3:  
Comment:

|        |        |         |        |        |        |        |        |        |
|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908  | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .18040 | -.00215 | 5.3215 | .05379 | .01344 | 115.37 | 2.9764 | .00841 |
| Stddev | .00038 | .00067  | .0058  | .00411 | .00205 | .02    | .0033  | .00010 |
| %RSD   | .20848 | 31.229  | .10886 | 7.6347 | 15.226 | .01310 | .11000 | 1.1890 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .18067 | -.00262 | 5.3174 | .05088 | .01199 | 115.36 | 2.9787 | .00848 |
| #2 | .18014 | -.00168 | 5.3256 | .05669 | .01488 | 115.38 | 2.9741 | .00834 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01038 | 123.49 | .32749 | .12299 | 1.0273 | 310.49 | 5.6547 | 52.413 |
| Stddev | .00041 | .09    | .00116 | .00018 | .0001  | 5.30   | .0076  | .008   |
| %RSD   | 3.9176 | .07121 | .35300 | .14540 | .01154 | 1.7085 | .13450 | .01492 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .01067 | 123.43 | .32830 | .12286 | 1.0274 | 306.74 | 5.6493 | 52.418 |
| #2 | .01009 | 123.55 | .32667 | .12311 | 1.0272 | 314.24 | 5.6601 | 52.407 |

|        |        |         |        |        |        |        |        |        |
|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280  | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .34758 | -.00561 | 3.3916 | .30663 | 4.7042 | 17.434 | .01758 | .23949 |
| Stddev | .00088 | .00039  | .0174  | .00007 | .0905  | .007   | .00039 | .00804 |
| %RSD   | .25191 | 7.0280  | .20671 | .02366 | 1.9238 | .04146 | 2.2086 | 3.3569 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .34820 | -.00533 | 8.3793 | .30658 | 4.6402 | 17.439 | .01785 | .23380 |
| #2 | .34696 | -.00589 | 8.4039 | .30668 | 4.7682 | 17.429 | .01731 | .24517 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | 7.3145 | 2.5955 | .27344 | 2.3427 | .21391 | 3.616  | .62576 |  |
| Stddev | .0031  | .0083  | .00131 | .0008  | .00019 | .007   | .00135 |  |
| %RSD   | .04252 | .31837 | .48004 | .03317 | .09081 | .0803  | .21635 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | 7.3123 | 2.6013 | .27252 | 2.3432 | .21377 | 8.621 | .62672 |  |
| #2 | 7.3167 | 2.5896 | .27437 | 2.3421 | .21405 | 8.611 | .62480 |  |

Sample Name: I5133-01      Acquired: 9/11/2017 16:12:45      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: VNJ-204      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       | 3072.9  | 44644.  | 7629.7  | 38.837 | 2842.3 |
| Stddev    | .4      | 55.     | 6.6     | 1.601  | 2.1    |
| %RSD      | .01237  | .12274  | .08697  | 1.8025 | .07468 |
| #1        | 3072.6  | 44683.  | 7634.4  | 89.969 | 2840.8 |
| #2        | 3073.1  | 44605.  | 7625.0  | 87.705 | 2843.8 |

Sample Name: I5134-01      Acquired: 9/11/2017 16:16:44      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: WC-CONCRETE-      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |         |        |        |
|--------|--------|--------|--------|--------|--------|---------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961  | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     | ppm    | ppm    |
| Avg    | .20931 | .01002 | .48023 | .09187 | .00862 | .228.36 | 1.0677 | .01207 |
| Stddev | .00286 | .00238 | .00046 | .00352 | .00181 | .03     | .0025  | .00007 |
| %RSD   | 1.3658 | 23.794 | .09675 | 3.8359 | 21.028 | .01398  | .23384 | .61929 |

|    |        |         |        |         |        |        |        |        |
|----|--------|---------|--------|---------|--------|--------|--------|--------|
| #1 | .20729 | -.00834 | .48056 | -.08938 | .00990 | 228.38 | 1.0659 | .01202 |
| #2 | .21133 | -.01171 | .47990 | -.09436 | .00734 | 228.34 | 1.0695 | .01212 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01850 | 1546.7 | .39884 | .15322 | .49808 | 144.49 | 7.3692 | 213.92 |
| Stddev | .00011 | 10.7   | .00058 | .00042 | .00283 | 2.93   | .0153  | 1.18   |
| %RSD   | .59986 | .69429 | .14489 | .27439 | .56770 | .65904 | .20744 | .55371 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .01842 | 1539.1 | .39925 | .15351 | .49608 | 446.56 | 7.3584 | 213.08 |
| #2 | .01858 | 1554.3 | .39843 | .15292 | .50008 | 442.42 | 7.3800 | 214.76 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .47824 | .01646 | 12.052 | .28186 | 4.9818 | 25.056 | .02421 | .68123 |
| Stddev | .00263 | .00028 | .025   | .00000 | .0082  | .144   | .00065 | .00046 |
| %RSD   | .55054 | 1.6876 | .20372 | .00061 | .16397 | .57310 | 2.6906 | .06695 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .47638 | -.01626 | 12.035 | .28186 | 4.9875 | 24.955 | .02467 | .68155 |
| #2 | .48010 | -.01666 | 12.070 | .28186 | 4.9760 | 25.158 | .02375 | .68091 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 46.818 | 1.6285 | .08559 | 3.9842 | .45364 | 10.85  | 5.9814 |
| Stddev | .129   | .0106  | .00015 | .0384  | .00289 | .04    | .0169  |
| %RSD   | .27534 | .65343 | .17078 | .96253 | .63618 | .3981  | .28302 |

|    |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|-------|--------|
| #1 | 46.727 | 1.6210 | .08570 | 3.9571 | .45160 | 10.82 | 5.9694 |
| #2 | 46.909 | 1.6361 | .08549 | 4.0113 | .45568 | 10.89 | 5.9934 |



Sample Name: I5134-01      Acquired: 9/11/2017 16:16:44      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: WC-CONCRETE-      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       | 2710.9  | 39328.  | 7243.1  | 79.337 | 2314.5 |
| Stddev    | .3      | 86.     | 51.8    | .164   | 2.0    |
| %RSD      | .01109  | .21747  | .71540  | .20656 | .08851 |
| #1        | 2710.7  | 39388.  | 7279.7  | 79.221 | 2316.0 |
| #2        | 2711.1  | 39268.  | 7206.5  | 79.452 | 2313.1 |

Sample Name: I5135-01      Acquired: 9/11/2017 16:20:53      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: EPGI-280-283      Custom ID2:      Custom ID3:  
Comment:

|        |        |         |        |         |        |        |        |        |
|--------|--------|---------|--------|---------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908  | Pb2203 | Se1960  | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm     | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    |
| Avg    | .07533 | -.01311 | .11710 | -.12819 | .00348 | 103.16 | .66472 | .00775 |
| Stddev | .00004 | .00121  | .00116 | .00039  | .00143 | 2.30   | .00006 | .00033 |
| %RSD   | .05438 | 9.2351  | .99341 | .30728  | 41.037 | 2.2326 | .00849 | 4.2372 |

|    |        |         |        |         |        |        |        |        |
|----|--------|---------|--------|---------|--------|--------|--------|--------|
| #1 | .07536 | -.01225 | .11628 | -.12791 | .00247 | 101.53 | .66468 | .00751 |
| #2 | .07530 | -.01397 | .11792 | -.12847 | .00449 | 104.79 | .66476 | .00798 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00144 | 1334.9 | .26075 | .07133 | .20082 | 134.15 | 1.5840 | 167.27 |
| Stddev | .00030 | 6.8    | .00705 | .00006 | .00005 | 3.98   | .0411  | .65    |
| %RSD   | 20.626 | .50567 | 2.7045 | .08117 | .02411 | 2.9650 | 2.5962 | .38955 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00123 | 1330.2 | .25576 | .07129 | .20078 | 136.96 | 1.5549 | 166.81 |
| #2 | .00166 | 1339.7 | .26573 | .07137 | .20085 | 131.33 | 1.6130 | 167.73 |

|        |        |         |        |        |        |        |        |        |
|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280  | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .30872 | -.00518 | 2.8137 | .27043 | .44765 | 7.8279 | .01364 | .21328 |
| Stddev | .00076 | .00060  | .0085  | .00708 | .01366 | .0074  | .00008 | .00640 |
| %RSD   | .24583 | 11.493  | .30327 | 2.6171 | 3.0507 | .09511 | .61486 | 3.0016 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .30926 | -.00476 | 2.8076 | .26542 | .45731 | 7.8332 | .01370 | .21780 |
| #2 | .30818 | -.00560 | 2.8197 | .27543 | .43800 | 7.8227 | .01358 | .20875 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | 54.043 | 1.3737 | .02368 | 4.9959 | .11679 | 4.289  | 2.7489 |  |
| Stddev | .274   | .0004  | .00005 | .0159  | .00129 | .035   | .0053  |  |
| %RSD   | .50659 | .02684 | .22839 | .31899 | 1.1066 | .8277  | .19245 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | 54.237 | 1.3734 | .02372 | 5.0072 | .11587 | 4.315 | 2.7526 |  |
| #2 | 53.850 | 1.3739 | .02364 | 4.9846 | .11770 | 4.264 | 2.7451 |  |

Sample Name: I5135-01      Acquired: 9/11/2017 16:20:53      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: EPGI-280-283      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       | 2788.6  | 40839.  | 7249.5  | 79.325 | 2458.6 |
| Stddev    | 17.3    | 943.    | 5.6     | 2.452  | 16.7   |
| %RSD      | .62187  | 2.3099  | .07713  | 3.0909 | .68084 |
| #1        | 2776.3  | 41506.  | 7253.5  | 77.591 | 2446.7 |
| #2        | 2800.8  | 40172.  | 7245.6  | 81.058 | 2470.4 |

Sample Name: CCV06      Acquired: 9/11/2017 16:24:55      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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    | 5.0558 | 5.0392 | 4.9361 | 5.0556 | 5.0381 | 10.028 | 10.151 | .25900 | 2.4705 |
| Stddev | .0232  | .0056  | .0052  | .0262  | .0275  | .023   | .066   | .00019 | .0011  |
| %RSD   | .45811 | .11130 | .10559 | .51774 | .54613 | .22609 | .64842 | .07401 | .04619 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 5.0722 | 5.0432 | 4.9397 | 5.0741 | 5.0575 | 10.012 | 10.197 | .25886 | 2.4713 |
| #2 | 5.0394 | 5.0352 | 4.9324 | 5.0371 | 5.0186 | 10.044 | 10.104 | .25913 | 2.4697 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 25.160 | 1.0192 | 2.4655 | 1.2615 | 4.9254 | 2.5388 | 25.094 | 2.4866 | 1.2657 |
| Stddev | .002   | .0021  | .0018  | .0072  | .0497  | .0011  | .080   | .0018  | .0007  |
| %RSD   | .00790 | .20459 | .07438 | .56823 | 1.0095 | .04435 | .31977 | .07273 | .05804 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 25.161 | 1.0177 | 2.4668 | 1.2666 | 4.9605 | 2.5396 | 25.151 | 2.4878 | 1.2652 |
| #2 | 25.159 | 1.0207 | 2.4642 | 1.2565 | 4.8902 | 2.5380 | 25.037 | 2.4853 | 1.2662 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 25.346 | 2.5245 | 2.4724 | 25.458 | 5.0690 | 5.1346 | 4.9675 | 5.3198 | 4.9741 |
| Stddev | .120   | .0033  | .0376  | .067   | .0178  | .0166  | .0174  | .0472  | .0031  |
| %RSD   | .47172 | .13047 | 1.5226 | .26218 | .35142 | .32264 | .35025 | .88657 | .06236 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 25.430 | 2.5221 | 2.4990 | 25.506 | 5.0816 | 5.1229 | 4.9798 | 5.2864 | 4.9763 |
| #2 | 25.261 | 2.5268 | 2.4457 | 25.411 | 5.0564 | 5.1463 | 4.9552 | 5.3531 | 4.9720 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 5.1066 | 5.1105 | 5.318  | 5.1650 |
| Stddev | .0062  | .0209  | .006   | .0034  |
| %RSD   | .12115 | .40978 | .1180  | .06561 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 5.1110 | 5.1253 | 5.323 | 5.1626 |
| #2 | 5.1022 | 5.0957 | 5.314 | 5.1674 |

Sample Name: CCV06      Acquired: 9/11/2017 16:24:55      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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       | 2730.0  | 39705.  | 3450.1  | 39.800 | 3014.9 |
| Stddev    | 14.1    | 27.     | 22.6    | 1.447  | 6.7    |
| %RSD      | .51729  | .06825  | .35077  | 1.6114 | .22167 |
| #1        | 2720.1  | 39724.  | 6434.1  | 88.777 | 3010.2 |
| #2        | 2740.0  | 39686.  | 6466.1  | 90.823 | 3019.6 |

Sample Name: LLCCV02      Acquired: 9/11/2017 16:28:52      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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    | .02176 | .03983 | .01075 | .01762 | .04767 | .10196 | .10094 | .00626 | .00609 |
| Stddev | .00050 | .00085 | .00008 | .00183 | .00180 | .00009 | .00007 | .00008 | .00005 |
| %RSD   | 2.2892 | 2.1415 | .77629 | 10.395 | 3.7728 | .08905 | .06510 | 1.2434 | .74660 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .02140 | .03923 | .01081 | .01632 | .04894 | .10190 | .10089 | .00621 | .00612 |
| #2 | .02211 | .04044 | .01069 | .01891 | .04640 | .10203 | .10098 | .00632 | .00605 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.0126 | .01097 | .02952 | .02129 | .10422 | .02113 | 2.0288 | .03970 | .00958 |
| Stddev | .0017  | .00013 | .00018 | .00004 | .00667 | .00002 | .0069  | .00028 | .00037 |
| %RSD   | .08274 | 1.1847 | .61601 | .18374 | 6.3962 | .07896 | .33923 | .71170 | 3.8233 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.0114 | .01088 | .02939 | .02132 | .09951 | .02114 | 2.0337 | .03990 | .00984 |
| #2 | 2.0138 | .01106 | .02965 | .02126 | .10894 | .02111 | 2.0240 | .03950 | .00932 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 1.9528 | .04002 | .04060 | 2.0348 | .21011 | .09896 | .01780 | .36106 | .04083 |
| Stddev | .0021  | .00019 | .00146 | .0401  | .00079 | .00625 | .00448 | .00816 | .00064 |
| %RSD   | .10497 | .47805 | 3.6021 | 1.9688 | .37795 | 6.3160 | 25.183 | 2.2596 | 1.5561 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.9542 | .03989 | .03957 | 2.0631 | .21067 | .09454 | .02097 | .36683 | .04128 |
| #2 | 1.9513 | .04016 | .04163 | 2.0064 | .20955 | .10338 | .01463 | .35529 | .04038 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | .04056 | .01595 | .0218  | .02305 |
| Stddev | .00110 | .00214 | .0003  | .00014 |
| %RSD   | 2.7165 | 13.450 | 1.490  | .61170 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .03978 | .01443 | .0216 | .02295 |
| #2 | .04134 | .01746 | .0220 | .02315 |

Sample Name: LLCCV02      Acquired: 9/11/2017 16:28:52      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      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       | 2808.3  | 40979.  | 3454.0  | 91.134 | 3217.0 |
| Stddev    | 18.1    | 45.     | 40.9    | 2.729  | 18.6   |
| %RSD      | .64596  | .11014  | .63361  | 2.9943 | .57884 |
| #1        | 2795.5  | 40947.  | 6482.9  | 93.064 | 3203.8 |
| #2        | 2821.2  | 41011.  | 6425.1  | 89.205 | 3230.2 |

Sample Name: CCB06      Acquired: 9/11/2017 16:33:00      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: TP-1-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    | .00010 | .00063 | .00184 | .00341 | .00207 | .00312 | .00124 | .00002 |
| Stddev | .00015 | .00107 | .00001 | .00070 | .00014 | .00061 | .00076 | .00001 |
| %RSD   | 151.49 | 168.45 | .50239 | 20.502 | 6.7060 | 19.454 | 61.500 | 67.105 |

|    |         |         |         |         |        |         |        |         |
|----|---------|---------|---------|---------|--------|---------|--------|---------|
| #1 | .00001  | .00012  | -.00184 | -.00390 | .00217 | -.00355 | .00070 | -.00003 |
| #2 | -.00020 | -.00139 | -.00185 | -.00292 | .00197 | -.00269 | .00178 | -.00001 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00012 | .00667 | .00001 | .00001 | .00017 | .00129 | .00000 | .02729 |
| Stddev | .00009 | .00418 | .00005 | .00006 | .00037 | .00520 | .00005 | .01040 |
| %RSD   | 72.922 | 62.735 | 420.42 | 437.88 | 224.43 | 403.66 | 1662.5 | 38.119 |

|    |        |        |         |         |         |         |         |        |
|----|--------|--------|---------|---------|---------|---------|---------|--------|
| #1 | .00018 | .00962 | -.00002 | .00003  | -.00043 | -.00497 | -.00003 | .01993 |
| #2 | .00006 | .00371 | .00004  | -.00005 | .00010  | .00239  | .00004  | .03464 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00010 | .00052 | .08057 | .00029 | .00013 | .03172 | .00034 | .00636 |
| Stddev | .00055 | .00097 | .00253 | .00016 | .00008 | .00599 | .00002 | .00086 |
| %RSD   | 559.56 | 186.59 | 3.1374 | 53.354 | 61.533 | 18.897 | 5.6987 | 13.588 |

|    |         |         |         |        |         |         |        |        |
|----|---------|---------|---------|--------|---------|---------|--------|--------|
| #1 | .00029  | -.00121 | -.07879 | .00040 | -.00018 | -.03596 | .00032 | .00697 |
| #2 | -.00049 | .00017  | -.08236 | .00018 | -.00007 | -.02748 | .00035 | .00575 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .00063 | .01411 | .00093 | .00068 | .00537 | .0020  | .00012 |  |
| Stddev | .00249 | .01492 | .00043 | .00060 | .00052 | .0005  | .00006 |  |
| %RSD   | 397.76 | 105.78 | 45.978 | 88.032 | 9.6022 | 22.09  | 54.171 |  |

|    |         |         |        |         |         |        |         |  |
|----|---------|---------|--------|---------|---------|--------|---------|--|
| #1 | .00238  | -.00356 | .00123 | -.00111 | -.00500 | -.0024 | -.00016 |  |
| #2 | -.00113 | -.02466 | .00063 | -.00026 | -.00573 | -.0017 | -.00007 |  |



Sample Name: CCB06      Acquired: 9/11/2017 16:33:00      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: TP-1-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       | 2815.5  | 40949.  | 3340.2  | 39.518 | 3216.3 |
| Stddev    | 1.9     | 203.    | 19.4    | 1.048  | 8.7    |
| %RSD      | .06680  | .49665  | .30553  | 1.1705 | .26987 |
| #1        | 2816.8  | 40805.  | 6326.5  | 88.777 | 3222.4 |
| #2        | 2814.2  | 41093.  | 6353.9  | 90.259 | 3210.1 |

Sample Name: I5136-01      Acquired: 9/11/2017 16:37:10      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: PAINT-CHIPS      Custom ID2:      Custom ID3:  
Comment:

|        |        |         |        |        |        |        |        |        |
|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908  | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .18812 | -.01893 | 37.957 | .01537 | .54466 | 36.583 | 1.4963 | .00376 |
| Stddev | .00193 | .00363  | .176   | .00628 | .00531 | .161   | .0022  | .00011 |
| %RSD   | 1.0251 | 19.180  | .20000 | 40.846 | .97481 | .44123 | .14942 | 2.9952 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .18948 | -.01636 | 87.832 | .01981 | .54090 | 36.469 | 1.4948 | .00384 |
| #2 | .18675 | -.02149 | 88.081 | .01093 | .54841 | 36.697 | 1.4979 | .00368 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .13045 | 392.40 | 10.893 | 1.4277 | .83370 | 514.08 | 2.5682 | 23.876 |
| Stddev | .00016 | 2.52   | .089   | .0031  | .00388 | 2.17   | .0213  | .200   |
| %RSD   | .12619 | .36457 | .82054 | .21560 | .46522 | .42249 | .82963 | .83836 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .13057 | 690.62 | 10.830 | 1.4255 | .83644 | 512.54 | 2.5531 | 23.735 |
| #2 | .13034 | 694.19 | 10.956 | 1.4299 | .83096 | 515.62 | 2.5832 | 24.018 |

|        |        |         |        |        |          |        |        |        |
|--------|--------|---------|--------|--------|----------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280  | Na5895 | V_2924 | Zn2138   | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm      | ppm    | ppm    | ppm    |
| Avg    | .08040 | -.02474 | 19.144 | 1.8386 | F 77.869 | 14.377 | .03032 | .46000 |
| Stddev | .00113 | .00168  | .060   | .0081  | .397     | .028   | .00017 | .00846 |
| %RSD   | 1.4095 | 6.8089  | .31379 | .44305 | .50971   | .19789 | .55695 | 1.8382 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .08121 | -.02355 | 19.102 | 1.8328 | 77.588 | 14.357 | .03020 | .45402 |
| #2 | .07960 | -.02593 | 19.187 | 1.8444 | 78.150 | 14.398 | .03044 | .46598 |

|        |          |        |        |        |        |        |        |  |
|--------|----------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820   | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm      | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | F 358.77 | 3.6915 | .24769 | 9.2205 | .16197 | 7.011  | 3.9322 |  |
| Stddev | .73      | .0609  | .00031 | .0045  | .00002 | .005   | .0072  |  |
| %RSD   | .11083   | 1.6484 | .12639 | .04870 | .01447 | .0735  | .18368 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | 658.25 | 3.7345 | .24747 | 9.2173 | .16195 | 7.007 | 3.9271 |  |
| #2 | 659.28 | 3.6485 | .24791 | 9.2237 | .16199 | 7.015 | 3.9373 |  |

Sample Name: I5136-01      Acquired: 9/11/2017 16:37:10      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: PAINT-CHIPS      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       | 2400.6  | 36955.  | 3372.8  | 33.938 | 2555.8 |
| Stddev    | 8.3     | 162.    | 13.4    | .408   | 4.4    |
| %RSD      | .34478  | .43729  | .20989  | .48616 | .17125 |
| #1        | 2394.8  | 37069.  | 6382.3  | 84.227 | 2552.7 |
| #2        | 2406.5  | 36841.  | 6363.4  | 83.650 | 2558.9 |

Sample Name: I5136-03      Acquired: 9/11/2017 16:41:18      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: BRICK-WALL      Custom ID2:      Custom ID3:  
Comment:

|        |        |         |        |         |        |        |        |        |
|--------|--------|---------|--------|---------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908  | Pb2203 | Se1960  | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm     | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    |
| Avg    | .16342 | -.00468 | .82914 | -.01436 | .00434 | 345.85 | 21.618 | .01667 |
| Stddev | .00073 | .00183  | .00273 | .00328  | .00242 | 1.26   | .095   | .00014 |
| %RSD   | .44594 | 39.026  | .32985 | 22.854  | 55.730 | .36350 | .43846 | .84639 |

|    |        |         |        |         |        |        |        |        |
|----|--------|---------|--------|---------|--------|--------|--------|--------|
| #1 | .16394 | -.00339 | .82720 | -.01668 | .00605 | 344.96 | 21.551 | .01657 |
| #2 | .16291 | -.00597 | .83107 | -.01204 | .00263 | 346.74 | 21.685 | .01677 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01344 | 251.95 | .09466 | .05199 | .11497 | 79.064 | 2.1137 | 21.444 |
| Stddev | .00002 | .39    | .00026 | .00029 | .00066 | .299   | .0067  | .008   |
| %RSD   | .14004 | .15447 | .27534 | .55286 | .57485 | .37858 | .31803 | .03629 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .01345 | 251.67 | .09448 | .05179 | .11450 | 79.275 | 2.1089 | 21.449 |
| #2 | .01343 | 252.22 | .09484 | .05219 | .11544 | 78.852 | 2.1185 | 21.438 |

|        |        |         |        |        |        |        |         |        |
|--------|--------|---------|--------|--------|--------|--------|---------|--------|
| Elem   | Ni2316 | Ag3280  | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020  | B_2496 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm     | ppm    |
| Avg    | .05070 | -.00538 | 48.523 | .80712 | 39.333 | 15.902 | -.00310 | .15616 |
| Stddev | .00030 | .00023  | .147   | .00161 | .154   | .049   | .00015  | .00525 |
| %RSD   | .59881 | 4.3001  | .30340 | .19985 | .39070 | .30832 | 4.6957  | 3.3621 |

|    |        |         |        |        |        |        |         |        |
|----|--------|---------|--------|--------|--------|--------|---------|--------|
| #1 | .05092 | -.00554 | 48.419 | .80598 | 39.441 | 15.868 | -.00320 | .15987 |
| #2 | .05049 | -.00521 | 48.628 | .80826 | 39.224 | 15.937 | -.00299 | .15245 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | 12.650 | .58027 | .01382 | 2.1109 | .08182 | 7.517  | 1.4482 |  |
| Stddev | .021   | .00118 | .00275 | .0124  | .00035 | .001   | .0023  |  |
| %RSD   | .16801 | .20303 | 19.917 | .58808 | .42880 | .0168  | .15800 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | 12.665 | .58110 | .01188 | 2.1197 | .08157 | 7.516 | 1.4498 |  |
| #2 | 12.635 | .57944 | .01577 | 2.1021 | .08206 | 7.518 | 1.4465 |  |

Sample Name: I5136-03      Acquired: 9/11/2017 16:41:18      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: BRICK-WALL      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       | 2992.5  | 42490.  | 7496.5  | 37.665 | 2813.8 |
| Stddev    | 2.5     | 74.     | 7.2     | .556   | 1.7    |
| %RSD      | .08246  | .17365  | .09562  | .63470 | .05986 |
| #1        | 2994.2  | 42542.  | 7491.4  | 87.271 | 2812.7 |
| #2        | 2990.7  | 42438.  | 7501.5  | 88.058 | 2815.0 |

Sample Name: PB102220BL      Acquired: 9/11/2017 16:45:34      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: CRI      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00027 | .00045 | .00106 | .00429 | .00049 | .00286 | .00024 | .00013 |
| Stddev | .00020 | .00144 | .00170 | .00161 | .00101 | .00270 | .00005 | .00005 |
| %RSD   | 74.169 | 320.12 | 159.90 | 37.540 | 203.59 | 94.467 | 22.779 | 37.811 |

|    |        |         |         |         |         |         |        |        |
|----|--------|---------|---------|---------|---------|---------|--------|--------|
| #1 | .00041 | -.00057 | -.00226 | -.00315 | .00121  | -.00095 | .00020 | .00009 |
| #2 | .00013 | .00146  | .00014  | -.00543 | -.00022 | -.00476 | .00027 | .00016 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00002 | .00928 | .00008 | .00001 | .00069 | .00351 | .00001 | .00765 |
| Stddev | .00011 | .00391 | .00068 | .00012 | .00024 | .00238 | .00005 | .00093 |
| %RSD   | 551.03 | 42.153 | 820.91 | 1353.0 | 34.096 | 67.912 | 418.47 | 12.124 |

|    |         |        |         |         |         |        |         |        |
|----|---------|--------|---------|---------|---------|--------|---------|--------|
| #1 | .00010  | .01205 | .00056  | .00009  | -.00086 | .00519 | .00002  | .00831 |
| #2 | -.00006 | .00652 | -.00040 | -.00007 | -.00053 | .00182 | -.00004 | .00700 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00045 | .00049 | .08125 | .00005 | .00194 | .01219 | .00003 | .00241 |
| Stddev | .00029 | .00120 | .00047 | .00042 | .00033 | .01770 | .00032 | .00025 |
| %RSD   | 64.087 | 243.93 | .57666 | 890.25 | 16.906 | 145.12 | 1171.1 | 10.303 |

|    |         |         |         |         |        |         |         |        |
|----|---------|---------|---------|---------|--------|---------|---------|--------|
| #1 | -.00025 | -.00134 | -.08158 | -.00035 | .00217 | .00032  | -.00020 | .00224 |
| #2 | -.00066 | .00036  | -.08092 | .00025  | .00171 | -.02471 | .00025  | .00259 |

|        |          |        |        |        |        |        |        |  |
|--------|----------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820   | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm      | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | F .01759 | .01448 | .00011 | .00011 | .00584 | .0032  | .00003 |  |
| Stddev | .00057   | .00065 | .00010 | .00076 | .00063 | .0005  | .00000 |  |
| %RSD   | 3.2250   | 4.4952 | 90.823 | 672.70 | 10.863 | 14.26  | 16.325 |  |

|    |        |         |         |         |         |        |         |  |
|----|--------|---------|---------|---------|---------|--------|---------|--|
| #1 | .01799 | -.01402 | -.00004 | .00065  | -.00629 | -.0029 | -.00003 |  |
| #2 | .01719 | -.01494 | -.00017 | -.00043 | -.00539 | -.0035 | -.00003 |  |

Sample Name: PB102220BL      Acquired: 9/11/2017 16:45:34      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: CRI      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       | 2835.3  | 41549.  | 5480.5  | 31.661 | 3237.7 |
| Stddev    | 1.9     | 59.     | .9      | 2.780  | 2.3    |
| %RSD      | .06641  | .14081  | .01324  | 3.0331 | .07141 |
| #1        | 2834.0  | 41590.  | 6479.8  | 89.695 | 3236.0 |
| #2        | 2836.6  | 41507.  | 6481.1  | 93.627 | 3239.3 |

Sample Name: PB102220BS      Acquired: 9/11/2017 16:49:44      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: ICSA5942      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .77632 | 1.9647 | .94504 | 1.9344 | .78367 | 1.9047 | .20693 | .20137 |
| Stddev | .00363 | .0008  | .00343 | .0049  | .00091 | .0025  | .00105 | .00007 |
| %RSD   | .46780 | .04132 | .36282 | .25160 | .11560 | .13248 | .50821 | .03278 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .77888 | 1.9642 | .94262 | 1.9379 | .78303 | 1.9029 | .20768 | .20142 |
| #2 | .77375 | 1.9653 | .94746 | 1.9310 | .78431 | 1.9065 | .20619 | .20132 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .19079 | 1.0753 | .40743 | .19180 | .30648 | 2.9017 | .20707 | 1.9972 |
| Stddev | .00028 | .0108  | .00067 | .00031 | .00145 | .0170  | .00026 | .0035  |
| %RSD   | .14473 | 1.0033 | .16544 | .16402 | .47452 | .58491 | .12533 | .17422 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .19059 | 1.0829 | .40791 | .19158 | .30751 | 2.8897 | .20688 | 1.9947 |
| #2 | .19098 | 1.0677 | .40696 | .19202 | .30545 | 2.9137 | .20725 | 1.9996 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .48793 | .06928 | 3.0164 | .30168 | .20121 | 10.260 | .40200 | .29991 |
| Stddev | .00010 | .00000 | .0012  | .00012 | .00092 | .004   | .00093 | .00192 |
| %RSD   | .02077 | .00479 | .03806 | .03933 | .45869 | .03964 | .23061 | .64062 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .48786 | .06928 | 3.0172 | .30176 | .20056 | 10.263 | .40134 | .30127 |
| #2 | .48800 | .06928 | 3.0156 | .30159 | .20187 | 10.257 | .40265 | .29855 |

|        |          |        |        |        |        |        |        |  |
|--------|----------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820   | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm      | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | F .00248 | .88197 | .66989 | .20547 | .19876 | 5.775  | .20670 |  |
| Stddev | .00209   | .02799 | .00231 | .00006 | .00092 | .003   | .00106 |  |
| %RSD   | 84.396   | 3.1731 | .34511 | .02857 | .46450 | .0573  | .51075 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | .00100 | .86218 | .66825 | .20551 | .19810 | 5.772 | .20595 |  |
| #2 | .00395 | .90176 | .67152 | .20543 | .19941 | 5.777 | .20744 |  |



Sample Name: PB102220BS      Acquired: 9/11/2017 16:49:44      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: ICSA5942      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       | 2819.6  | 40979.  | 6367.4  | 91.419 | 3220.1 |
| Stddev    | 6.6     | 26.     | .0      | .016   | 7.5    |
| %RSD      | .23534  | .06308  | .00028  | .01778 | .23318 |
| #1        | 2814.9  | 40997.  | 6367.4  | 91.431 | 3214.7 |
| #2        | 2824.3  | 40960.  | 6367.4  | 91.408 | 3225.4 |

Sample Name: I5180-01      Acquired: 9/11/2017 16:53:43      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: ICSAB5942      Custom ID2:      Custom ID3:  
 Comment:

|        |        |         |         |         |         |         |        |        |
|--------|--------|---------|---------|---------|---------|---------|--------|--------|
| Elem   | As1890 | Tl1908  | Pb2203  | Se1960  | Sb2068  | Al3961  | Ba4934 | Be2348 |
| Units  | ppm    | ppm     | ppm     | ppm     | ppm     | ppm     | ppm    | ppm    |
| Avg    | .00419 | -.00172 | -.00089 | -.01365 | -.00066 | -.03681 | .02794 | .00015 |
| Stddev | .00183 | .00014  | .00047  | .00231  | .00144  | .00407  | .00111 | .00004 |
| %RSD   | 43.741 | 8.0598  | 52.405  | 16.891  | 219.76  | 11.045  | 3.9888 | 24.036 |

|    |        |         |         |         |         |         |        |        |
|----|--------|---------|---------|---------|---------|---------|--------|--------|
| #1 | .00548 | -.00182 | -.00056 | -.01528 | -.00167 | -.03394 | .02715 | .00012 |
| #2 | .00289 | -.00162 | -.00123 | -.01202 | .00036  | -.03969 | .02873 | .00017 |

|        |         |        |        |         |        |         |        |        |
|--------|---------|--------|--------|---------|--------|---------|--------|--------|
| Elem   | Cd2265  | Ca3736 | Cr2677 | Co2286  | Cu2247 | Fe2404  | Mn2576 | Mg2790 |
| Units  | ppm     | ppm    | ppm    | ppm     | ppm    | ppm     | ppm    | ppm    |
| Avg    | -.00030 | 115.66 | .00017 | -.00035 | .00111 | -.00728 | .04426 | 329.67 |
| Stddev | .00002  | .65    | .00038 | .00005  | .00083 | .00663  | .00006 | 2.21   |
| %RSD   | 6.8125  | .55983 | 231.47 | 14.003  | 74.180 | 91.138  | .14165 | .66983 |

|    |         |        |         |         |        |         |        |        |
|----|---------|--------|---------|---------|--------|---------|--------|--------|
| #1 | -.00028 | 115.21 | .00044  | -.00031 | .00170 | -.01197 | .04430 | 328.11 |
| #2 | -.00031 | 116.12 | -.00011 | -.00038 | .00053 | -.00259 | .04421 | 331.23 |

|        |        |         |        |        |        |        |        |        |
|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280  | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00092 | -.00046 | 2411.8 | .00134 | .00214 | 107.43 | .00247 | 1.1289 |
| Stddev | .00042 | .00026  | 18.3   | .00024 | .00013 | 1.00   | .00005 | .0126  |
| %RSD   | 45.289 | 56.483  | .75794 | 18.231 | 6.2721 | .93323 | 1.9588 | 1.1188 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .00063 | -.00065 | 2398.9 | .00117 | .00204 | 106.72 | .00250 | 1.1200 |
| #2 | .00122 | -.00028 | 2424.8 | .00151 | .00223 | 108.14 | .00243 | 1.1378 |

|        |        |        |        |         |        |        |        |
|--------|--------|--------|--------|---------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361  | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    |
| Avg    | 259.98 | .83612 | .00501 | -.00248 | .05744 | .1020  | 2.0079 |
| Stddev | 1.00   | .01974 | .00077 | .00045  | .00270 | .0003  | .0230  |
| %RSD   | .38570 | 2.3609 | 15.444 | 18.084  | 4.7016 | .2664  | 1.1466 |

|    |        |        |        |         |        |       |        |
|----|--------|--------|--------|---------|--------|-------|--------|
| #1 | 260.69 | .85008 | .00446 | -.00216 | .05553 | .1018 | 1.9917 |
| #2 | 259.27 | .82216 | .00555 | -.00279 | .05935 | .1022 | 2.0242 |

Sample Name: I5180-01      Acquired: 9/11/2017 16:53:43      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: ICSAB5942      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       | 2411.6  | 33324.  | 5970.3  | 31.777 | 2423.0 |
| Stddev    | 7.1     | 132.    | 23.0    | 3.917  | 7.1    |
| %RSD      | .29630  | .39660  | .38496  | 4.7895 | .29503 |
| #1        | 2406.5  | 33230.  | 5986.5  | 84.546 | 2417.9 |
| #2        | 2416.6  | 33417.  | 5954.0  | 79.007 | 2428.0 |

Sample Name: I5180-02      Acquired: 9/11/2017 16:57:51      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: CCV11636      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |         |         |         |         |        |        |
|--------|--------|--------|---------|---------|---------|---------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203  | Se1960  | Sb2068  | Al3961  | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm     | ppm     | ppm     | ppm     | ppm    | ppm    |
| Avg    | .00380 | .00094 | -.00148 | -.01342 | -.00222 | -.04037 | .02814 | .00009 |
| Stddev | .00099 | .00016 | .00040  | .00052  | .00107  | .00236  | .00004 | .00009 |
| %RSD   | 26.147 | 17.051 | 27.216  | 3.9111  | 48.271  | 5.8543  | .14194 | 94.413 |

|    |        |        |         |         |         |         |        |        |
|----|--------|--------|---------|---------|---------|---------|--------|--------|
| #1 | .00451 | .00105 | -.00119 | -.01305 | -.00298 | -.03870 | .02817 | .00015 |
| #2 | .00310 | .00082 | -.00176 | -.01379 | -.00146 | -.04204 | .02811 | .00003 |

|        |         |        |         |        |        |         |        |        |
|--------|---------|--------|---------|--------|--------|---------|--------|--------|
| Elem   | Cd2265  | Ca3736 | Cr2677  | Co2286 | Cu2247 | Fe2404  | Mn2576 | Mg2790 |
| Units  | ppm     | ppm    | ppm     | ppm    | ppm    | ppm     | ppm    | ppm    |
| Avg    | -.00016 | 115.66 | -.00006 | .00007 | .00166 | -.00624 | .04225 | 328.02 |
| Stddev | .00003  | .84    | .00059  | .00028 | .00013 | .00032  | .00013 | 2.04   |
| %RSD   | 20.763  | .72754 | 951.91  | 426.96 | 7.6773 | 5.0894  | .30839 | .62042 |

|    |         |        |         |         |        |         |        |        |
|----|---------|--------|---------|---------|--------|---------|--------|--------|
| #1 | -.00018 | 116.25 | -.00048 | .00026  | .00157 | -.00647 | .04215 | 329.46 |
| #2 | -.00014 | 115.06 | .00035  | -.00013 | .00175 | -.00602 | .04234 | 326.58 |

|        |         |         |        |        |        |        |        |        |
|--------|---------|---------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316  | Ag3280  | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm     | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | -.00064 | -.00053 | 2262.6 | .00098 | .00193 | 108.88 | .00243 | 1.1396 |
| Stddev | .00064  | .00020  | 56.3   | .00015 | .00010 | .64    | .00029 | .0233  |
| %RSD   | 99.766  | 38.252  | 2.4870 | 15.225 | 5.2236 | .58627 | 12.050 | 2.0421 |

|    |         |         |        |        |        |        |        |        |
|----|---------|---------|--------|--------|--------|--------|--------|--------|
| #1 | -.00019 | -.00068 | 2302.4 | .00088 | .00186 | 109.33 | .00264 | 1.1560 |
| #2 | -.00109 | -.00039 | 2222.8 | .00109 | .00200 | 108.43 | .00222 | 1.1231 |

|        |        |        |        |         |        |        |        |  |
|--------|--------|--------|--------|---------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361  | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    |  |
| Avg    | 260.61 | .86392 | .00260 | -.00252 | .05389 | .1038  | 2.0480 |  |
| Stddev | 1.82   | .01056 | .00051 | .00164  | .00124 | .0034  | .0211  |  |
| %RSD   | .69927 | 1.2227 | 19.431 | 65.157  | 2.3090 | 3.314  | 1.0284 |  |

|    |        |        |        |         |        |       |        |  |
|----|--------|--------|--------|---------|--------|-------|--------|--|
| #1 | 259.32 | .87139 | .00225 | -.00368 | .05301 | .1014 | 2.0629 |  |
| #2 | 261.90 | .85645 | .00296 | -.00136 | .05477 | .1062 | 2.0331 |  |

Sample Name: I5180-02      Acquired: 9/11/2017 16:57:51      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: CCV11636      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       | 2421.2  | 33159.  | 5941.2  | 34.173 | 2433.7 |
| Stddev    | 17.2    | 165.    | 79.5    | .517   | 16.8   |
| %RSD      | .70958  | .49832  | 1.3374  | .61416 | .69128 |
| #1        | 2433.3  | 33042.  | 5885.0  | 83.807 | 2445.6 |
| #2        | 2409.0  | 33275.  | 5997.4  | 84.538 | 2421.8 |

Sample Name: I5180-03      Acquired: 9/11/2017 17:02:07      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: CCB11636      Custom ID2:      Custom ID3:  
 Comment:

|        |         |         |         |         |         |         |        |        |
|--------|---------|---------|---------|---------|---------|---------|--------|--------|
| Elem   | As1890  | Tl1908  | Pb2203  | Se1960  | Sb2068  | Al3961  | Ba4934 | Be2348 |
| Units  | ppm     | ppm     | ppm     | ppm     | ppm     | ppm     | ppm    | ppm    |
| Avg    | .00903  | .00035  | .00082  | .01223  | .00453  | .03370  | .02805 | .00021 |
| Stddev | .00118  | .00118  | .00010  | .00201  | .00116  | .00935  | .00100 | .00003 |
| %RSD   | 13.104  | 339.29  | 12.106  | 16.446  | 25.714  | 27.743  | 3.5580 | 14.753 |
| #1     | .00987  | .00118  | -.00089 | -.01365 | -.00535 | -.04031 | .02735 | .00019 |
| #2     | .00819  | -.00049 | -.00075 | -.01081 | -.00370 | -.02709 | .02876 | .00023 |
| Elem   | Cd2265  | Ca3736  | Cr2677  | Co2286  | Cu2247  | Fe2404  | Mn2576 | Mg2790 |
| Units  | ppm     | ppm     | ppm     | ppm     | ppm     | ppm     | ppm    | ppm    |
| Avg    | .00007  | 115.94  | .00016  | .00001  | .00079  | .00482  | .03786 | 329.01 |
| Stddev | .00004  | .83     | .00025  | .00005  | .00066  | .00157  | .00030 | 2.25   |
| %RSD   | 61.237  | .71829  | 152.83  | 465.25  | 82.586  | 32.486  | .78947 | .68381 |
| #1     | -.00004 | 116.53  | .00034  | -.00005 | .00033  | -.00372 | .03765 | 330.60 |
| #2     | -.00010 | 115.35  | -.00001 | .00003  | .00126  | -.00593 | .03807 | 327.42 |
| Elem   | Ni2316  | Ag3280  | Na5895  | V_2924  | Zn2138  | K_7664  | Mo2020 | B_2496 |
| Units  | ppm     | ppm     | ppm     | ppm     | ppm     | ppm     | ppm    | ppm    |
| Avg    | .00027  | .00057  | 2214.7  | .00112  | .00181  | 109.25  | .00242 | 1.1432 |
| Stddev | .00016  | .00011  | 49.2    | .00009  | .00002  | .61     | .00026 | .0082  |
| %RSD   | 60.151  | 18.991  | 2.2221  | 7.7440  | 1.0753  | .55758  | 10.746 | .71362 |
| #1     | -.00016 | -.00065 | 2249.5  | .00106  | .00182  | 109.68  | .00223 | 1.1374 |
| #2     | -.00038 | -.00049 | 2179.9  | .00118  | .00180  | 108.82  | .00260 | 1.1490 |
| Elem   | S_1820  | Si2881  | Sn1899  | Ti3361  | Li6707  | P_1774  | Sr4077 |        |
| Units  | ppm     | ppm     | ppm     | ppm     | ppm     | ppm     | ppm    |        |
| Avg    | 257.34  | .85111  | .00293  | .00416  | .05143  | .1051   | 2.0384 |        |
| Stddev | 2.76    | .02314  | .00071  | .00067  | .00240  | .0007   | .0078  |        |
| %RSD   | 1.0721  | 2.7182  | 24.220  | 16.144  | 4.6637  | .6761   | .38357 |        |
| #1     | 259.30  | .86747  | .00243  | -.00464 | .04973  | .1046   | 2.0440 |        |
| #2     | 255.39  | .83476  | .00343  | -.00369 | .05313  | .1056   | 2.0329 |        |

Sample Name: I5180-03      Acquired: 9/11/2017 17:02:07      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: CCB11636      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       | 2426.0  | 33101.  | 5929.2  | 33.457 | 2445.7 |
| Stddev    | 22.2    | 38.     | 29.9    | .205   | 22.4   |
| %RSD      | .91530  | .11473  | .50357  | .24596 | .91414 |
| #1        | 2410.3  | 33128.  | 5908.1  | 83.602 | 2429.9 |
| #2        | 2441.7  | 33074.  | 5950.3  | 83.312 | 2461.5 |

Sample Name: I5180-04      Acquired: 9/11/2017 17:06:22      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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    | .00489 | .00119 | .00052 | .01473 | .00070 | .02899 | .02801 | .00018 |
| Stddev | .00556 | .00082 | .00049 | .00254 | .00026 | .00343 | .00007 | .00002 |
| %RSD   | 113.74 | 68.835 | 93.617 | 17.247 | 37.339 | 11.837 | .23366 | 10.674 |

|    |        |        |         |         |         |         |        |        |
|----|--------|--------|---------|---------|---------|---------|--------|--------|
| #1 | .00882 | .00177 | -.00087 | -.01653 | -.00088 | -.02657 | .02806 | .00019 |
| #2 | .00096 | .00061 | -.00018 | -.01293 | -.00051 | -.03142 | .02797 | .00017 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00006 | 114.84 | .00010 | .00002 | .00116 | .00007 | .03846 | 325.44 |
| Stddev | .00002 | .13    | .00003 | .00008 | .00128 | .00339 | .00036 | .22    |
| %RSD   | 36.686 | .11363 | 25.946 | 377.56 | 110.52 | 4996.5 | .93970 | .06825 |

|    |         |        |        |         |        |         |        |        |
|----|---------|--------|--------|---------|--------|---------|--------|--------|
| #1 | -.00004 | 114.94 | .00012 | -.00004 | .00207 | -.00247 | .03872 | 325.60 |
| #2 | -.00007 | 114.75 | .00009 | .00008  | .00025 | .00233  | .03821 | 325.29 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00007 | .00038 | 2194.8 | .00145 | .00134 | 108.30 | .00272 | 1.1082 |
| Stddev | .00055 | .00010 | 4.8    | .00018 | .00001 | .01    | .00004 | .0133  |
| %RSD   | 798.67 | 25.447 | .22072 | 12.521 | .78264 | .00705 | 1.4310 | 1.1994 |

|    |         |         |        |        |        |        |        |        |
|----|---------|---------|--------|--------|--------|--------|--------|--------|
| #1 | -.00046 | -.00031 | 2198.2 | .00132 | .00134 | 108.30 | .00275 | 1.0988 |
| #2 | .00032  | -.00045 | 2191.3 | .00158 | .00135 | 108.29 | .00269 | 1.1176 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 260.12 | .82658 | .00211 | .00280 | .04759 | .1035  | 2.0080 |
| Stddev | .21    | .03735 | .00121 | .00060 | .00169 | .0029  | .0048  |
| %RSD   | .07989 | 4.5190 | 57.367 | 21.267 | 3.5581 | 2.763  | .23928 |

|    |        |        |        |         |        |       |        |
|----|--------|--------|--------|---------|--------|-------|--------|
| #1 | 260.27 | .80016 | .00125 | -.00238 | .04639 | .1014 | 2.0046 |
| #2 | 259.98 | .85299 | .00296 | -.00322 | .04879 | .1055 | 2.0114 |



Sample Name: I5180-04      Acquired: 9/11/2017 17:06:22      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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       | 2399.0  | 33635.  | 5986.8  | 32.919 | 2418.7 |
| Stddev    | 1.5     | 449.    | 2.9     | .493   | 1.6    |
| %RSD      | .06354  | 1.3356  | .04898  | .59515 | .06564 |
| #1        | 2400.1  | 33317.  | 5988.9  | 83.268 | 2417.6 |
| #2        | 2398.0  | 33953.  | 5984.8  | 82.570 | 2419.8 |

Sample Name: I5181-01      Acquired: 9/11/2017 17:10:37      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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    | .00313 | .00084 | -.00014 | -.01326 | -.00240 | -.03740 | .02779 | .00012 |
| Stddev | .00132 | .00003 | .00105  | .00650  | .00056  | .00492  | .00020 | .00004 |
| %RSD   | 41.992 | 3.9810 | 757.71  | 49.035  | 23.334  | 13.167  | .70272 | 35.527 |

|    |        |        |         |         |         |         |        |        |
|----|--------|--------|---------|---------|---------|---------|--------|--------|
| #1 | .00220 | .00086 | -.00088 | -.00866 | -.00280 | -.03392 | .02765 | .00015 |
| #2 | .00406 | .00081 | .00060  | -.01785 | -.00200 | -.04088 | .02792 | .00009 |

|        |         |        |        |         |        |         |        |        |
|--------|---------|--------|--------|---------|--------|---------|--------|--------|
| Elem   | Cd2265  | Ca3736 | Cr2677 | Co2286  | Cu2247 | Fe2404  | Mn2576 | Mg2790 |
| Units  | ppm     | ppm    | ppm    | ppm     | ppm    | ppm     | ppm    | ppm    |
| Avg    | -.00012 | 117.83 | .00035 | -.00029 | .00137 | -.00483 | .02654 | 335.25 |
| Stddev | .00004  | .36    | .00011 | .00009  | .00003 | .00332  | .00003 | .82    |
| %RSD   | 30.932  | .30206 | 32.164 | 31.321  | 2.4315 | 68.686  | .11429 | .24500 |

|    |         |        |        |         |        |         |        |        |
|----|---------|--------|--------|---------|--------|---------|--------|--------|
| #1 | -.00015 | 117.58 | .00027 | -.00023 | .00140 | -.00718 | .02652 | 334.67 |
| #2 | -.00010 | 118.08 | .00043 | -.00036 | .00135 | -.00248 | .02656 | 335.83 |

|        |        |         |        |        |        |        |        |        |
|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280  | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00017 | -.00084 | 2198.8 | .00222 | .00172 | 111.64 | .00239 | 1.1545 |
| Stddev | .00012 | .00021  | 45.5   | .00004 | .00003 | .34    | .00031 | .0046  |
| %RSD   | 73.748 | 25.241  | 2.0690 | 1.9288 | 1.5922 | .30732 | 13.079 | .39884 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .00008 | -.00099 | 2231.0 | .00225 | .00173 | 111.39 | .00217 | 1.1578 |
| #2 | .00025 | -.00069 | 2166.6 | .00219 | .00170 | 111.88 | .00261 | 1.1513 |

|        |        |        |        |         |        |        |        |
|--------|--------|--------|--------|---------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361  | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    |
| Avg    | 266.02 | .84063 | .00299 | -.00322 | .04734 | .1068  | 2.0725 |
| Stddev | .13    | .00414 | .00065 | .00024  | .00135 | .0002  | .0082  |
| %RSD   | .04864 | .49306 | 21.597 | 7.4876  | 2.8524 | .1807  | .39594 |

|    |        |        |        |         |        |       |        |
|----|--------|--------|--------|---------|--------|-------|--------|
| #1 | 266.11 | .84356 | .00345 | -.00339 | .04639 | .1069 | 2.0667 |
| #2 | 265.93 | .83769 | .00254 | -.00305 | .04830 | .1067 | 2.0783 |

Sample Name: I5181-01      Acquired: 9/11/2017 17:10:37      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      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       | 2400.8  | 32904.  | 5902.4  | 33.266 | 2413.7 |
| Stddev    | 3.6     | 136.    | 20.3    | 2.375  | 2.9    |
| %RSD      | .14973  | .41394  | .34344  | 2.8520 | .11903 |
| #1        | 2398.3  | 33000.  | 5916.7  | 81.587 | 2411.6 |
| #2        | 2403.4  | 32808.  | 5888.1  | 84.945 | 2415.7 |

Sample Name: I5181-02      Acquired: 9/11/2017 17:14:50      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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    | .00301 | .00067 | .00206 | .01614 | .00215 | .04764 | .02841 | .00017 |
| Stddev | .00548 | .00087 | .00028 | .00258 | .00113 | .02717 | .00007 | .00001 |
| %RSD   | 182.21 | 129.64 | 13.534 | 15.984 | 52.563 | 57.036 | .25325 | 4.1237 |

|    |         |         |         |         |         |         |        |        |
|----|---------|---------|---------|---------|---------|---------|--------|--------|
| #1 | -.00087 | -.00006 | -.00226 | -.01432 | -.00135 | -.06686 | .02836 | .00018 |
| #2 | .00688  | -.00129 | -.00187 | -.01797 | -.00295 | -.02843 | .02846 | .00017 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00004 | 117.62 | .00006 | .00009 | .00167 | .00031 | .03361 | 333.68 |
| Stddev | .00009 | .41    | .00056 | .00005 | .00072 | .00032 | .00013 | .43    |
| %RSD   | 198.33 | .34458 | 1012.4 | 59.879 | 43.141 | 101.11 | .38612 | .12741 |

|    |         |        |         |        |        |         |        |        |
|----|---------|--------|---------|--------|--------|---------|--------|--------|
| #1 | -.00010 | 117.90 | -.00045 | .00013 | .00116 | -.00009 | .03371 | 333.98 |
| #2 | .00002  | 117.33 | .00034  | .00005 | .00218 | -.00054 | .03352 | 333.38 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00040 | .00004 | 2183.0 | .00166 | .00166 | 111.51 | .00273 | 1.1497 |
| Stddev | .00024 | .00092 | 27.9   | .00050 | .00003 | .21    | .00026 | .0052  |
| %RSD   | 59.828 | 2370.8 | 1.2773 | 29.970 | 1.9974 | .19174 | 9.5706 | .44958 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .00057 | -.00069 | 2202.7 | .00131 | .00164 | 111.36 | .00255 | 1.1533 |
| #2 | .00023 | .00061  | 2163.3 | .00202 | .00169 | 111.66 | .00292 | 1.1460 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 264.71 | .93332 | .00190 | .00347 | .04624 | .1057  | 2.0724 |
| Stddev | .91    | .02071 | .00036 | .00003 | .00221 | .0007  | .0012  |
| %RSD   | .34279 | 2.2187 | 18.850 | .86923 | 4.7702 | .6222  | .05536 |

|    |        |        |        |         |        |       |        |
|----|--------|--------|--------|---------|--------|-------|--------|
| #1 | 264.07 | .91867 | .00165 | -.00345 | .04468 | .1052 | 2.0716 |
| #2 | 265.35 | .94796 | .00215 | -.00349 | .04780 | .1062 | 2.0732 |

Sample Name: I5181-02      Acquired: 9/11/2017 17:14:50      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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       | 2411.5  | 33037.  | 5918.5  | 79.821 | 2419.6 |
| Stddev    | 5.7     | 116.    | 2.3     | 1.562  | .6     |
| %RSD      | .23454  | .35226  | .03925  | 1.9566 | .02599 |
| #1        | 2407.5  | 32954.  | 5916.9  | 80.925 | 2419.1 |
| #2        | 2415.5  | 33119.  | 5920.2  | 78.717 | 2420.0 |

Sample Name: CCV07      Acquired: 9/11/2017 17:19:04      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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    | 5.0276 | 5.0501 | 4.8935 | 5.0551 | 5.0059 | 10.030 | 10.151 | .25569 | 2.4588 |
| Stddev | .0642  | .0603  | .0727  | .0661  | .0708  | .003   | .001   | .00060 | .0314  |
| %RSD   | 1.2767 | 1.1940 | 1.4866 | 1.3075 | 1.4135 | .02824 | .01011 | .23539 | 1.2773 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 4.9822 | 5.0075 | 4.8420 | 5.0084 | 4.9559 | 10.028 | 10.152 | .25612 | 2.4366 |
| #2 | 5.0730 | 5.0928 | 4.9449 | 5.1019 | 5.0559 | 10.032 | 10.150 | .25527 | 2.4810 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 24.855 | 1.0243 | 2.4486 | 1.2558 | 4.8090 | 2.5150 | 24.411 | 2.4798 | 1.2716 |
| Stddev | .004   | .0028  | .0339  | .0165  | .0879  | .0028  | .035   | .0331  | .0031  |
| %RSD   | .01552 | .27055 | 1.3843 | 1.3155 | 1.8273 | .11116 | .14136 | 1.3364 | .24353 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 24.853 | 1.0223 | 2.4247 | 1.2442 | 4.8712 | 2.5170 | 24.435 | 2.4564 | 1.2694 |
| #2 | 24.858 | 1.0262 | 2.4726 | 1.2675 | 4.7469 | 2.5130 | 24.386 | 2.5032 | 1.2738 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 27.123 | 2.4977 | 2.4645 | 26.339 | 5.0133 | 5.1305 | 4.9746 | 5.2368 | 4.9395 |
| Stddev | .413   | .0015  | .0323  | .058   | .0847  | .0093  | .0487  | .0123  | .0730  |
| %RSD   | 1.5242 | .05867 | 1.3095 | .21969 | 1.6897 | .18100 | .97809 | .23439 | 1.4771 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 27.415 | 2.4987 | 2.4873 | 26.380 | 4.9534 | 5.1371 | 4.9402 | 5.2281 | 4.8879 |
| #2 | 26.831 | 2.4966 | 2.4417 | 26.298 | 5.0732 | 5.1239 | 5.0090 | 5.2455 | 4.9911 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 5.1397 | 5.2000 | 5.349  | 5.2270 |
| Stddev | .0077  | .0068  | .059   | .0313  |
| %RSD   | .15042 | .13106 | 1.111  | .59779 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 5.1452 | 5.2049 | 5.307 | 5.2049 |
| #2 | 5.1343 | 5.1952 | 5.391 | 5.2491 |

Sample Name: CCV07      Acquired: 9/11/2017 17:19:04      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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       | 2709.4  | 39120.  | 3353.9  | 38.063 | 2976.1 |
| Stddev    | 32.7    | 7.      | 2.0     | 1.386  | 31.1   |
| %RSD      | 1.2056  | .01876  | .03168  | 1.5741 | 1.0438 |
| #1        | 2732.5  | 39115.  | 6352.5  | 87.083 | 2998.1 |
| #2        | 2686.3  | 39126.  | 6355.3  | 89.043 | 2954.2 |

Sample Name: CCB07      Acquired: 9/11/2017 17:35:32      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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    | .00132 | .00075 | .00158 | .00435 | .00049 | .00079 | .00079 | .00004 |
| Stddev | .00044 | .00162 | .00048 | .00188 | .00096 | .00368 | .00079 | .00003 |
| %RSD   | 33.444 | 215.47 | 30.661 | 43.129 | 194.92 | 464.77 | 100.72 | 72.084 |

|    |         |         |         |         |         |         |        |        |
|----|---------|---------|---------|---------|---------|---------|--------|--------|
| #1 | -.00101 | .00039  | -.00192 | -.00303 | -.00117 | .00340  | .00023 | .00002 |
| #2 | -.00163 | -.00190 | -.00124 | -.00568 | .00019  | -.00181 | .00135 | .00006 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00008 | .01684 | .00023 | .00014 | .00013 | .00334 | .00002 | .00502 |
| Stddev | .00006 | .00358 | .00018 | .00014 | .00024 | .00027 | .00003 | .01644 |
| %RSD   | 75.626 | 21.263 | 81.318 | 100.21 | 185.06 | 8.1673 | 150.92 | 327.36 |

|    |        |        |         |        |         |         |        |         |
|----|--------|--------|---------|--------|---------|---------|--------|---------|
| #1 | .00004 | .01431 | -.00036 | .00004 | .00004  | -.00315 | .00000 | .00660  |
| #2 | .00013 | .01937 | -.00010 | .00024 | -.00031 | -.00354 | .00004 | -.01665 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00047 | .00067 | .49204 | .00002 | .00005 | .08526 | .00034 | .00144 |
| Stddev | .00040 | .00044 | .01167 | .00006 | .00006 | .03865 | .00021 | .00270 |
| %RSD   | 84.978 | 65.444 | 2.3717 | 300.70 | 111.42 | 45.329 | 60.347 | 188.35 |

|    |         |         |        |         |        |        |        |         |
|----|---------|---------|--------|---------|--------|--------|--------|---------|
| #1 | -.00019 | -.00098 | .50030 | -.00006 | .00010 | .05793 | .00049 | .00048  |
| #2 | -.00075 | -.00036 | .48379 | .00002  | .00001 | .11259 | .00020 | -.00335 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .00013 | .00601 | .00009 | .00024 | .00220 | .0005  | .00001 |  |
| Stddev | .00059 | .00020 | .00011 | .00008 | .00154 | .0017  | .00003 |  |
| %RSD   | 455.27 | 3.3844 | 124.46 | 33.567 | 70.024 | 327.3  | 227.84 |  |

|    |         |         |         |        |        |        |         |  |
|----|---------|---------|---------|--------|--------|--------|---------|--|
| #1 | -.00055 | -.00587 | -.00017 | .00018 | .00111 | -.0007 | .00001  |  |
| #2 | .00029  | -.00615 | -.00001 | .00030 | .00329 | .0017  | -.00003 |  |



Sample Name: CCB07      Acquired: 9/11/2017 17:35:32      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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       | 2869.1  | 40901.  | 3364.3  | 91.198 | 3267.5 |
| Stddev    | 4.0     | 108.    | 48.6    | 1.559  | 3.8    |
| %RSD      | .14070  | .26425  | .76440  | 1.7093 | .11627 |
| #1        | 2866.3  | 40824.  | 6398.7  | 92.300 | 3264.8 |
| #2        | 2872.0  | 40977.  | 6329.9  | 90.095 | 3270.1 |

Sample Name: PB102194BL      Acquired: 9/11/2017 17:39:43      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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    | .00021 | .00017 | .00155 | .00565 | .00033 | .00625 | .00015 | .00006 |
| Stddev | .00255 | .00048 | .00095 | .00088 | .00191 | .00573 | .00063 | .00003 |
| %RSD   | 1187.7 | 275.27 | 61.348 | 15.613 | 576.76 | 91.638 | 410.37 | 56.309 |

|    |         |         |         |         |         |         |         |        |
|----|---------|---------|---------|---------|---------|---------|---------|--------|
| #1 | -.00159 | .00051  | -.00088 | -.00503 | -.00102 | -.01030 | .00029  | .00008 |
| #2 | .00201  | -.00016 | -.00222 | -.00627 | .00168  | -.00220 | -.00060 | .00003 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00009 | .01022 | .00020 | .00002 | .00021 | .00844 | .00005 | .01761 |
| Stddev | .00002 | .00747 | .00057 | .00011 | .00021 | .00279 | .00000 | .02199 |
| %RSD   | 22.746 | 73.084 | 280.69 | 530.09 | 101.39 | 33.096 | 6.6048 | 124.89 |

|    |        |        |         |         |         |         |         |        |
|----|--------|--------|---------|---------|---------|---------|---------|--------|
| #1 | .00011 | .00494 | -.00020 | .00006  | -.00006 | -.01041 | -.00005 | .03316 |
| #2 | .00008 | .01550 | .00061  | -.00010 | -.00035 | -.00646 | -.00004 | .00206 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00023 | .00085 | .36834 | .00031 | .00010 | .07814 | .00017 | .00014 |
| Stddev | .00061 | .00001 | .00711 | .00014 | .00001 | .00840 | .00021 | .00865 |
| %RSD   | 262.60 | 1.3450 | 1.9302 | 44.226 | 9.0591 | 10.753 | 120.02 | 6084.4 |

|    |         |         |        |        |        |        |        |         |
|----|---------|---------|--------|--------|--------|--------|--------|---------|
| #1 | .00066  | -.00084 | .37336 | .00040 | .00010 | .08408 | .00032 | -.00598 |
| #2 | -.00020 | -.00086 | .36331 | .00021 | .00011 | .07220 | .00003 | .00626  |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00051 | .01080 | .00112 | .00031 | .00059 | .0009  | .00003 |
| Stddev | .00049 | .01231 | .00060 | .00040 | .00079 | .0012  | .00005 |
| %RSD   | 94.839 | 114.01 | 53.339 | 131.00 | 132.35 | 133.6  | 164.07 |

|    |        |         |        |        |         |        |         |
|----|--------|---------|--------|--------|---------|--------|---------|
| #1 | .00017 | -.01951 | .00070 | .00002 | -.00115 | -.0001 | .00000  |
| #2 | .00086 | -.00209 | .00154 | .00059 | -.00004 | -.0018 | -.00006 |

Sample Name: PB102194BL      Acquired: 9/11/2017 17:39:43      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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       | 2864.5  | 41337.  | 3415.0  | 92.480 | 3266.2 |
| Stddev    | 8.9     | 248.    | 15.7    | .190   | 4.0    |
| %RSD      | .31177  | .60024  | .24515  | .20505 | .12161 |
| #1        | 2858.1  | 41162.  | 6403.9  | 92.345 | 3263.4 |
| #2        | 2870.8  | 41513.  | 6426.1  | 92.614 | 3269.0 |

Sample Name: PB102194BS      Acquired: 9/11/2017 17:43:48      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: PB102194BS      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |          |        |        |        |
|--------|--------|--------|--------|----------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960   | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm      | ppm    | ppm    | ppm    |
| Avg    | .76836 | 1.9618 | .93546 | 1.9295   | .77707 | 1.8923 | .20550 |
| Stddev | .00594 | .0021  | .00159 | .0096    | .00687 | .0255  | .00044 |
| %RSD   | .77271 | .10655 | .16972 | .49590   | .88387 | 1.3450 | .21244 |
| #1     | .77256 | 1.9603 | .93434 | 1.9363   | .78193 | 1.9103 | .20519 |
| #2     | .76417 | 1.9633 | .93659 | 1.9227   | .77221 | 1.8743 | .20581 |
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677   | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm      | ppm    | ppm    | ppm    |
| Avg    | .19982 | .18941 | 1.0534 | .40654   | .19003 | .30395 | 2.8239 |
| Stddev | .00017 | .00022 | .0169  | .00058   | .00022 | .00091 | .0564  |
| %RSD   | .08509 | .11618 | 1.6053 | .14219   | .11685 | .29980 | 1.9986 |
| #1     | .19994 | .18957 | 1.0654 | .40695   | .18987 | .30459 | 2.8638 |
| #2     | .19970 | .18926 | 1.0415 | .40613   | .19019 | .30331 | 2.7840 |
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280   | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm      | ppm    | ppm    | ppm    |
| Avg    | .20551 | 1.9981 | .48498 | .06972   | 3.3479 | .29949 | .19610 |
| Stddev | .00025 | .0006  | .00016 | .00097   | .0015  | .00140 | .00291 |
| %RSD   | .12223 | .02996 | .03261 | 1.3967   | .04500 | .46643 | 1.4855 |
| #1     | .20569 | 1.9977 | .48487 | .07040   | 3.3468 | .30047 | .19816 |
| #2     | .20534 | 1.9986 | .48509 | .06903   | 3.3489 | .29850 | .19404 |
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820   | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm      | ppm    | ppm    | ppm    |
| Avg    | 10.356 | .39899 | .30247 | F .00902 | .88451 | .66313 | .20592 |
| Stddev | .050   | .00151 | .00506 | .00118   | .01521 | .00087 | .00045 |
| %RSD   | .48295 | .37861 | 1.6739 | 13.130   | 1.7200 | .13128 | .21889 |
| #1     | 10.320 | .40006 | .30605 | -.00986  | .87375 | .66375 | .20624 |
| #2     | 10.391 | .39793 | .29889 | -.00818  | .89527 | .66252 | .20560 |

Sample Name: PB102194BS      Acquired: 9/11/2017 17:43:48      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: PB102194BS      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |
|--------|--------|--------|--------|
| Elem   | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    |
| Avg    | .20280 | 5.770  | .20739 |
| Stddev | .00000 | .014   | .00006 |
| %RSD   | .00132 | .2440  | .02751 |

|    |        |       |        |
|----|--------|-------|--------|
| #1 | .20280 | 5.780 | .20743 |
| #2 | .20280 | 5.760 | .20735 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2826.7  | 41153.  | 3346.1  | 92.311 | 3226.7 |
| Stddev    | 16.6    | 49.     | .9      | 1.764  | 12.5   |
| %RSD      | .58879  | .11974  | .01439  | 1.9107 | .38649 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2814.9 | 41118. | 6346.7 | 91.063 | 3217.9 |
| #2 | 2838.4 | 41187. | 6345.4 | 93.558 | 3235.5 |

Sample Name: I5151-01      Acquired: 9/11/2017 17:47:46      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: NYSEG-PH4-ES      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |         |        |        |        |        |
|--------|--------|--------|--------|---------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960  | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    |
| Avg    | .11666 | .00036 | 4.8755 | -.10729 | .02196 | 55.510 | 1.3985 | .00657 |
| Stddev | .00468 | .00156 | .0111  | .00680  | .00028 | .051   | .0014  | .00020 |
| %RSD   | 4.0101 | 431.41 | .22850 | 6.3365  | 1.2857 | .09240 | .09903 | 3.0351 |

|    |        |         |        |         |        |        |        |        |
|----|--------|---------|--------|---------|--------|--------|--------|--------|
| #1 | .11336 | -.00074 | 4.8677 | -.11210 | .02176 | 55.473 | 1.3975 | .00671 |
| #2 | .11997 | .00146  | 4.8834 | -.10249 | .02216 | 55.546 | 1.3995 | .00643 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01243 | 1515.6 | .27266 | .10728 | 2.0116 | 273.68 | 3.6522 | 167.05 |
| Stddev | .00191 | 22.9   | .00078 | .00022 | .0073  | 18.67  | .0032  | .90    |
| %RSD   | 15.333 | 1.5129 | .28592 | .20390 | .36263 | 6.8210 | .08890 | .54086 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .01378 | 1499.4 | .27322 | .10713 | 2.0167 | 260.48 | 3.6499 | 166.42 |
| #2 | .01108 | 1531.8 | .27211 | .10744 | 2.0064 | 286.88 | 3.6545 | 167.69 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .29699 | .00392 | 4.2229 | .16295 | 5.2638 | 3.2619 | .04482 | 1.3622 |
| Stddev | .00098 | .00205 | .0145  | .00088 | .3582  | .0031  | .00083 | .0300  |
| %RSD   | .33129 | 52.183 | .34324 | .54067 | 6.8055 | .03688 | 1.8444 | 2.1991 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .29769 | .00247 | 4.2127 | .16232 | 5.0105 | 8.2598 | .04540 | 1.3410 |
| #2 | .29630 | .00537 | 4.2332 | .16357 | 5.5171 | 8.2641 | .04423 | 1.3834 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 31.680 | 2.6742 | 1.2878 | .68411 | .16269 | 10.61  | 1.6878 |
| Stddev | .024   | .0308  | .0022  | .00270 | .00263 | .02    | .0051  |
| %RSD   | .07566 | 1.1518 | .17137 | .39399 | 1.6183 | .1488  | .30174 |

|    |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|-------|--------|
| #1 | 31.697 | 2.6524 | 1.2862 | .68220 | .16083 | 10.60 | 1.6842 |
| #2 | 31.663 | 2.6960 | 1.2894 | .68601 | .16455 | 10.62 | 1.6914 |

Sample Name: I5151-01      Acquired: 9/11/2017 17:47:46      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: NYSEG-PH4-ES      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       | 2814.8  | 40967.  | 7472.9  | 30.846 | 2419.7 |
| Stddev    | 1.8     | 125.    | 37.3    | 5.438  | 1.4    |
| %RSD      | .06433  | .30402  | .49974  | 6.7264 | .05835 |
| #1        | 2813.6  | 41055.  | 7499.3  | 84.691 | 2418.7 |
| #2        | 2816.1  | 40879.  | 7446.5  | 77.001 | 2420.7 |

Sample Name: I5151-02      Acquired: 9/11/2017 17:51:48      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: NYSEG-PH4-ES      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .14625 | .00311 | 3.4332 | .10374 | .02715 | 35.522 | .89855 | .01402 |
| Stddev | .00622 | .00369 | .0121  | .00470 | .00204 | .106   | .00289 | .00015 |
| %RSD   | 4.2541 | 118.65 | .18859 | 4.5289 | 7.5208 | .12373 | .32168 | 1.0343 |

|    |        |         |        |         |        |        |        |        |
|----|--------|---------|--------|---------|--------|--------|--------|--------|
| #1 | .14185 | -.00050 | 6.4418 | -.10706 | .02570 | 85.447 | .90060 | .01392 |
| #2 | .15064 | -.00572 | 6.4246 | -.10042 | .02859 | 85.597 | .89651 | .01412 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01654 | 1707.5 | .21118 | .16431 | 1.6352 | 413.11 | 5.9667 | 196.15 |
| Stddev | .00116 | 18.0   | .00142 | .00018 | .0132  | 11.20  | .0102  | .88    |
| %RSD   | 7.0099 | 1.0560 | .67104 | .10728 | .80624 | 2.7105 | .17081 | .44791 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .01736 | 1720.3 | .21218 | .16418 | 1.6445 | 405.19 | 5.9595 | 196.77 |
| #2 | .01572 | 1694.8 | .21018 | .16443 | 1.6259 | 421.02 | 5.9739 | 195.52 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .37303 | .01859 | 2.3466 | .20031 | 3.2015 | 3.2686 | .05116 | .29440 |
| Stddev | .00054 | .00093 | .0151  | .00082 | .0864  | .0039  | .00056 | .02574 |
| %RSD   | .14523 | 5.0021 | .64261 | .41181 | 2.6993 | .04225 | 1.0864 | 8.7444 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .37264 | .01794 | 2.3360 | .20089 | 3.1404 | 9.2714 | .05077 | .27620 |
| #2 | .37341 | .01925 | 2.3573 | .19973 | 3.2627 | 9.2659 | .05156 | .31261 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 26.275 | 3.0134 | .99761 | .89000 | .20891 | 20.62  | 1.7797 |
| Stddev | .031   | .0439  | .00442 | .00727 | .00097 | .06    | .0107  |
| %RSD   | .11902 | 1.4572 | .44343 | .81712 | .46544 | .2939  | .60245 |

|    |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|-------|--------|
| #1 | 26.297 | 3.0445 | 1.0007 | .89515 | .20959 | 20.66 | 1.7873 |
| #2 | 26.252 | 2.9824 | .99448 | .88486 | .20822 | 20.57 | 1.7721 |



Sample Name: I5151-02      Acquired: 9/11/2017 17:51:48      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: NYSEG-PH4-ES      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       | 2904.1  | 42082.  | 7702.2  | 79.983 | 2322.9 |
| Stddev    | 15.6    | 47.     | 58.2    | 2.031  | 7.6    |
| %RSD      | .53592  | .11286  | .75543  | 2.5394 | .32740 |
|           |         |         |         |        |        |
| #1        | 2893.1  | 42049.  | 7661.1  | 81.419 | 2317.5 |
| #2        | 2915.1  | 42116.  | 7743.4  | 78.547 | 2328.2 |

Sample Name: I5151-03      Acquired: 9/11/2017 17:55:58      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: NYSEG-PH4-ES      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |         |        |        |        |        |
|--------|--------|--------|--------|---------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960  | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    |
| Avg    | .13301 | .00082 | 3.8067 | -.07159 | .03703 | 41.952 | .64132 | .00480 |
| Stddev | .00252 | .00414 | .0275  | .00077  | .00033 | .177   | .00530 | .00017 |
| %RSD   | 1.8920 | 503.34 | .31254 | 1.0826  | .88461 | .42231 | .82661 | 3.6400 |

|    |        |         |        |         |        |        |        |        |
|----|--------|---------|--------|---------|--------|--------|--------|--------|
| #1 | .13123 | .00375  | 8.7872 | -.07104 | .03680 | 42.077 | .64507 | .00468 |
| #2 | .13479 | -.00210 | 8.8261 | -.07213 | .03726 | 41.827 | .63757 | .00493 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00894 | 1167.5 | .37407 | .06407 | .70171 | 251.94 | 2.9242 | 191.47 |
| Stddev | .00031 | 15.5   | .00221 | .00035 | .00407 | .59    | .0021  | .35    |
| %RSD   | 3.5213 | 1.3241 | .59115 | .54037 | .58000 | .23418 | .07026 | .18080 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00872 | 1156.6 | .37250 | .06382 | .69883 | 252.36 | 2.9227 | 191.71 |
| #2 | .00916 | 1178.5 | .37563 | .06431 | .70459 | 251.52 | 2.9256 | 191.22 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .21115 | .07170 | 1.8052 | .11813 | 5.0060 | 3.6810 | .02587 | .15676 |
| Stddev | .00068 | .00000 | .0010  | .00096 | .0073  | .0365  | .00027 | .01414 |
| %RSD   | .32283 | .00207 | .05545 | .81148 | .14570 | .54640 | 1.0438 | 9.0168 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .21066 | .07170 | 1.8059 | .11881 | 5.0008 | 6.7068 | .02568 | .14677 |
| #2 | .21163 | .07170 | 1.8045 | .11746 | 5.0111 | 6.6551 | .02606 | .16676 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | 25.823 | 1.3618 | .70311 | .64994 | .11278 | 9.222  | 1.0795 |  |
| Stddev | .115   | .0018  | .00102 | .00667 | .00231 | .013   | .0087  |  |
| %RSD   | .44387 | .13370 | .14512 | 1.0266 | 2.0483 | .1421  | .80215 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | 25.742 | 1.3605 | .70384 | .65466 | .11441 | 9.212 | 1.0856 |  |
| #2 | 25.904 | 1.3631 | .70239 | .64523 | .11115 | 9.231 | 1.0734 |  |

Sample Name: I5151-03      Acquired: 9/11/2017 17:55:58      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: NYSEG-PH4-ES      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       | 2699.3  | 39224.  | 7025.5  | 32.469 | 2519.5 |
| Stddev    | 12.0    | 16.     | .9      | .066   | 5.9    |
| %RSD      | .44285  | .04100  | .01351  | .08062 | .23615 |
| #1        | 2707.7  | 39235.  | 7026.2  | 82.516 | 2523.7 |
| #2        | 2690.8  | 39212.  | 7024.9  | 82.422 | 2515.3 |

Sample Name: I5151-04      Acquired: 9/11/2017 18:00:04      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: NYSEG-PH4-ES      Custom ID2:      Custom ID3:  
Comment:

|        |        |         |        |         |        |        |        |        |
|--------|--------|---------|--------|---------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908  | Pb2203 | Se1960  | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm     | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    |
| Avg    | .13428 | -.00493 | 5.4185 | -.09097 | .06144 | 54.753 | .55622 | .00599 |
| Stddev | .00151 | .00113  | .0039  | .00096  | .00151 | .090   | .00030 | .00020 |
| %RSD   | 1.1264 | 23.027  | .07107 | 1.0559  | 2.4566 | .16407 | .05368 | 3.3421 |

|    |        |         |        |         |        |        |        |        |
|----|--------|---------|--------|---------|--------|--------|--------|--------|
| #1 | .13321 | -.00573 | 5.4212 | -.09029 | .06037 | 54.690 | .55601 | .00613 |
| #2 | .13535 | -.00413 | 5.4158 | -.09165 | .06251 | 54.817 | .55643 | .00585 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01096 | 1457.8 | .21353 | .09906 | 1.0149 | 351.51 | 3.6722 | 172.54 |
| Stddev | .00012 | 2.2    | .00010 | .00021 | .0004  | .44    | .0008  | .03    |
| %RSD   | 1.0534 | .15178 | .04910 | .20908 | .03503 | .12522 | .02240 | .01709 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .01104 | 1456.2 | .21361 | .09892 | 1.0151 | 351.82 | 3.6716 | 172.52 |
| #2 | .01088 | 1459.3 | .21346 | .09921 | 1.0146 | 351.19 | 3.6728 | 172.56 |

|        |        |         |        |        |        |        |        |        |
|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280  | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .24899 | -.01007 | 2.3804 | .15547 | 2.6905 | 3.1568 | .02471 | .23405 |
| Stddev | .00168 | .00066  | .0059  | .00043 | .0096  | .0048  | .00074 | .00581 |
| %RSD   | .67353 | 6.5392  | .24933 | .27672 | .35826 | .05854 | 3.0075 | 2.4832 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .24780 | -.00961 | 2.3762 | .15577 | 2.6973 | 8.1601 | .02418 | .23816 |
| #2 | .25017 | -.01054 | 2.3845 | .15517 | 2.6837 | 8.1534 | .02523 | .22994 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 31.173 | 2.0877 | 1.3476 | 1.1272 | 15237  | 32.76  | 1.5084 |
| Stddev | .032   | .0120  | .0019  | .0041  | .00039 | .00    | .0007  |
| %RSD   | .10255 | .57305 | .14387 | .36637 | .25319 | .0051  | .04536 |

|    |        |        |        |        |       |       |        |
|----|--------|--------|--------|--------|-------|-------|--------|
| #1 | 31.150 | 2.0792 | 1.3489 | 1.1243 | 15264 | 32.76 | 1.5089 |
| #2 | 31.196 | 2.0962 | 1.3462 | 1.1302 | 15209 | 32.76 | 1.5079 |

Sample Name: I5151-04      Acquired: 9/11/2017 18:00:04      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: NYSEG-PH4-ES      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       | 2735.8  | 40265.  | 7280.5  | 33.141 | 2401.9 |
| Stddev    | 6.9     | 61.     | 19.2    | .332   | 3.1    |
| %RSD      | .25386  | .15269  | .26435  | .39940 | .12955 |
| #1        | 2730.9  | 40222.  | 7266.9  | 82.906 | 2399.7 |
| #2        | 2740.7  | 40309.  | 7294.1  | 83.376 | 2404.1 |

Sample Name: I5151-05      Acquired: 9/11/2017 18:04:07      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: NYSEG-PH4-ES      Custom ID2:      Custom ID3:  
Comment:

|        |        |         |        |        |        |        |        |        |
|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908  | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .12521 | -.00055 | 3.8350 | .03458 | .04632 | 40.264 | .93747 | .00395 |
| Stddev | .00422 | .00036  | .0059  | .00046 | .00169 | .191   | .00028 | .00007 |
| %RSD   | 3.3741 | 65.466  | .15344 | 1.3252 | 3.6453 | .47522 | .03011 | 1.7920 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .12222 | -.00029 | 3.8391 | .03425 | .04751 | 40.129 | .93727 | .00400 |
| #2 | .12820 | -.00080 | 3.8308 | .03490 | .04512 | 40.400 | .93767 | .00390 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00596 | 318.33 | .73549 | .04392 | 1.1759 | 142.54 | 1.7416 | 30.477 |
| Stddev | .00012 | .79    | .00296 | .00011 | .0015  | 1.14   | .0006  | .105   |
| %RSD   | 1.9961 | .12773 | .40220 | .25698 | .12778 | .80315 | .03158 | .13104 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00605 | 617.77 | .73340 | .04400 | 1.1769 | 143.35 | 1.7420 | 80.403 |
| #2 | .00588 | 618.89 | .73758 | .04384 | 1.1748 | 141.73 | 1.7412 | 80.552 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .12100 | .00002 | 1.7274 | .10933 | 1.6184 | 3.2214 | .02257 | .09737 |
| Stddev | .00085 | .00026 | .0034  | .00148 | .0070  | .0451  | .00016 | .01082 |
| %RSD   | .70242 | 1134.5 | .19374 | 1.3505 | .43346 | .72434 | .70758 | 11.110 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .12160 | -.00016 | 1.7250 | .10828 | 1.6234 | 6.1895 | .02245 | .10502 |
| #2 | .12040 | .00021  | 1.7297 | .11037 | 1.6134 | 6.2532 | .02268 | .08972 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 27.612 | 2.6823 | .33235 | .96325 | .08555 | 9.190  | .72198 |
| Stddev | .043   | .0106  | .00151 | .00884 | .00082 | .016   | .00189 |
| %RSD   | .15737 | .39534 | .45349 | .91762 | .96274 | .1771  | .26228 |

|    |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|-------|--------|
| #1 | 27.643 | 2.6748 | .33128 | .95700 | .08613 | 9.201 | .72064 |
| #2 | 27.582 | 2.6898 | .33342 | .96950 | .08497 | 9.178 | .72332 |

Sample Name: I5151-05      Acquired: 9/11/2017 18:04:07      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: NYSEG-PH4-ES      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       | 2725.9  | 40315.  | 7092.8  | 37.738 | 2733.5 |
| Stddev    | 3.0     | 43.     | 10.2    | .481   | 4.2    |
| %RSD      | .10938  | .10559  | .14362  | .54821 | .15308 |
| #1        | 2723.8  | 40345.  | 7100.1  | 87.398 | 2730.5 |
| #2        | 2728.0  | 40284.  | 7085.6  | 88.078 | 2736.4 |

Sample Name: I5151-06      Acquired: 9/11/2017 18:08:09      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: NYSEG-PH4-ES      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |         |        |        |        |        |
|--------|--------|--------|--------|---------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960  | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    |
| Avg    | .11830 | .00006 | 5.8866 | -.04537 | .01384 | 57.933 | .81197 | .00715 |
| Stddev | .00026 | .00019 | .0043  | .00263  | .00152 | .104   | .00215 | .00008 |
| %RSD   | .21783 | 321.83 | .07366 | 5.7955  | 11.015 | .17925 | .26455 | 1.1006 |

|    |        |         |        |         |        |        |        |        |
|----|--------|---------|--------|---------|--------|--------|--------|--------|
| #1 | .11812 | .00020  | 5.8897 | -.04351 | .01491 | 58.006 | .81046 | .00709 |
| #2 | .11849 | -.00008 | 5.8836 | -.04723 | .01276 | 57.859 | .81349 | .00721 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01417 | 930.12 | .20113 | .06468 | .95310 | 256.74 | 2.9899 | 93.036 |
| Stddev | .00047 | 12.83  | .00019 | .00018 | .00230 | 2.82   | .0078  | .574   |
| %RSD   | 3.2874 | 1.3796 | .09627 | .27936 | .24107 | 1.1000 | .26181 | .61693 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .01450 | 921.04 | .20099 | .06455 | .95148 | 254.75 | 2.9954 | 92.630 |
| #2 | .01384 | 939.19 | .20126 | .06481 | .95473 | 258.74 | 2.9844 | 93.442 |

|        |        |         |        |        |        |        |        |        |
|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280  | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .31290 | -.00688 | 1.8109 | .12451 | 6.6349 | 7.2613 | .02376 | .19533 |
| Stddev | .00018 | .00051  | .0243  | .00017 | .0769  | .0423  | .00014 | .00357 |
| %RSD   | .05767 | 7.3449  | 1.3432 | .13272 | 1.1583 | .58278 | .57811 | 1.8264 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .31278 | -.00724 | 1.7937 | .12440 | 6.5806 | 7.2313 | .02386 | .19280 |
| #2 | .31303 | -.00652 | 1.8281 | .12463 | 6.6893 | 7.2912 | .02366 | .19785 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 17.666 | 1.8812 | .46107 | .77391 | .14710 | 18.24  | 1.4984 |
| Stddev | .006   | .0204  | .00226 | .00371 | .00082 | .04    | .0115  |
| %RSD   | .03679 | 1.0848 | .49075 | .47986 | .55912 | .2369  | .77016 |

|    |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|-------|--------|
| #1 | 17.661 | 1.8668 | .45947 | .77128 | .14652 | 18.20 | 1.4902 |
| #2 | 17.670 | 1.8956 | .46267 | .77653 | .14768 | 18.27 | 1.5065 |



Sample Name: I5151-06      Acquired: 9/11/2017 18:08:09      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: NYSEG-PH4-ES      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       | 3004.3  | 43775.  | 7766.5  | 33.285 | 2585.0 |
| Stddev    | 8.9     | 76.     | 42.5    | .987   | .9     |
| %RSD      | .29785  | .17422  | .54664  | 1.1853 | .03440 |
| #1        | 3010.6  | 43721.  | 7796.6  | 83.983 | 2584.4 |
| #2        | 2997.9  | 43829.  | 7736.5  | 82.587 | 2585.6 |

Sample Name: I5156-01      Acquired: 9/11/2017 18:12:14      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: FK-GF-02-011 Custom ID2:      Custom ID3:  
Comment:

|        |        |         |        |        |        |        |        |        |
|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908  | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .07521 | -.00190 | .39110 | .04638 | .00538 | 39.596 | .37364 | .00583 |
| Stddev | .00048 | .00019  | .00029 | .00260 | .00041 | .207   | .00047 | .00003 |
| %RSD   | .64112 | 10.251  | .07293 | 5.6116 | 7.5407 | .29749 | .12483 | .50213 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .07555 | -.00176 | .39090 | .04454 | .00567 | 69.449 | .37331 | .00585 |
| #2 | .07487 | -.00204 | .39131 | .04822 | .00509 | 69.742 | .37397 | .00581 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02330 | 46.959 | .17585 | .05370 | .10346 | 255.04 | 1.6771 | 19.719 |
| Stddev | .00059 | .089   | .00060 | .00037 | .00000 | 3.96   | .0003  | .026   |
| %RSD   | 2.5134 | .18990 | .33974 | .69404 | .00449 | 1.5532 | .01502 | .13239 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .02371 | 46.896 | .17627 | .05396 | .10347 | 252.24 | 1.6769 | 19.701 |
| #2 | .02288 | 47.022 | .17543 | .05344 | .10346 | 257.84 | 1.6772 | 19.738 |

|        |        |         |        |        |        |        |        |        |
|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280  | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .27503 | -.01243 | 1.6134 | .23662 | .42468 | 4.4862 | .00288 | .14778 |
| Stddev | .00029 | .00070  | .0064  | .00018 | .00664 | .0039  | .00033 | .00810 |
| %RSD   | .10675 | 5.6663  | .39716 | .07604 | 1.5628 | .08772 | 11.567 | 5.4819 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .27523 | -.01292 | 1.6179 | .23674 | .41999 | 4.4834 | .00264 | .14205 |
| #2 | .27482 | -.01193 | 1.6089 | .23649 | .42937 | 4.4890 | .00311 | .15351 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | 2.3466 | 3.4834 | .02160 | 1.4344 | .05133 | 4.305  | .18540 |  |
| Stddev | .0045  | .0096  | .00147 | .0028  | .00103 | .014   | .00049 |  |
| %RSD   | .19184 | .27485 | 6.8253 | .19633 | 2.0079 | .3354  | .26452 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | 2.3498 | 3.4767 | .02265 | 1.4364 | .05206 | 4.295 | .18575 |  |
| #2 | 2.3434 | 3.4902 | .02056 | 1.4324 | .05060 | 4.315 | .18505 |  |

Sample Name: I5156-01      Acquired: 9/11/2017 18:12:14      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: FK-GF-02-011 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       | 3025.1  | 43807.  | 7233.2  | 92.074 | 3030.3 |
| Stddev    | 8.6     | 92.     | 6.2     | 1.289  | 7.4    |
| %RSD      | .28449  | .21061  | .08593  | 1.4000 | .24459 |
| #1        | 3019.0  | 43742.  | 7228.8  | 92.986 | 3025.0 |
| #2        | 3031.2  | 43872.  | 7237.6  | 91.163 | 3035.5 |

Sample Name: I5156-01DUP      Acquired: 9/11/2017 18:16:15      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: FK-GF-02-011      Custom ID2:      Custom ID3:  
Comment:

|        |        |         |        |        |        |        |        |        |
|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908  | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .07335 | -.00302 | .39381 | .04947 | .00351 | 39.703 | .37539 | .00605 |
| Stddev | .00023 | .00038  | .00113 | .00334 | .00168 | .386   | .00053 | .00002 |
| %RSD   | .31432 | 12.659  | .28674 | 6.7577 | 47.863 | .55385 | .14124 | .38399 |
| #1     | .07352 | -.00329 | .39461 | .04710 | .00470 | 69.976 | .37577 | .00606 |
| #2     | .07319 | -.00275 | .39301 | .05183 | .00232 | 69.430 | .37502 | .00603 |
| Elem   | Cd2265 | Ca3736  | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02263 | 47.229  | .17721 | .05399 | .10361 | 258.39 | 1.6823 | 19.756 |
| Stddev | .00060 | .107    | .00070 | .00002 | .00119 | 4.09   | .0041  | .063   |
| %RSD   | 2.6681 | .22717  | .39414 | .04594 | 1.1454 | 1.5840 | .24605 | .32049 |
| #1     | .02306 | 47.305  | .17672 | .05397 | .10444 | 255.50 | 1.6853 | 19.712 |
| #2     | .02220 | 47.153  | .17771 | .05401 | .10277 | 261.29 | 1.6794 | 19.801 |
| Elem   | Ni2316 | Ag3280  | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .27637 | -.01223 | 1.6036 | .23848 | .43203 | 4.5258 | .00283 | .14620 |
| Stddev | .00087 | .00079  | .0050  | .00039 | .00776 | .0109  | .00006 | .00483 |
| %RSD   | .31659 | 6.4461  | .31366 | .16223 | 1.7954 | .24013 | 2.2245 | 3.3049 |
| #1     | .27576 | -.01278 | 1.6000 | .23875 | .42654 | 4.5181 | .00278 | .14278 |
| #2     | .27699 | -.01167 | 1.6072 | .23820 | .43751 | 4.5335 | .00287 | .14961 |
| Elem   | S_1820 | Si2881  | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |        |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    |        |
| Avg    | 2.3499 | 3.5180  | .02095 | 1.4383 | .05127 | 4.325  | .18666 |        |
| Stddev | .0061  | .0032   | .00077 | .0017  | .00018 | .002   | .00070 |        |
| %RSD   | .25807 | .09034  | 3.6874 | .11658 | .35698 | .0417  | .37747 |        |
| #1     | 2.3456 | 3.5203  | .02041 | 1.4395 | .05114 | 4.326  | .18716 |        |
| #2     | 2.3541 | 3.5158  | .02150 | 1.4371 | .05140 | 4.324  | .18617 |        |

Sample Name: I5156-01DUP      Acquired: 9/11/2017 18:16:15      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: FK-GF-02-011 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       | 3030.8  | 43787.  | 7198.3  | 30.617 | 3031.2 |
| Stddev    | 5.0     | 113.    | 2.2     | 1.615  | 1.9    |
| %RSD      | .16535  | .25915  | .03060  | 1.7825 | .06244 |
| #1        | 3034.3  | 43707.  | 7199.8  | 91.759 | 3029.9 |
| #2        | 3027.2  | 43867.  | 7196.7  | 89.474 | 3032.5 |

Sample Name: CCV08      Acquired: 9/11/2017 18:20:17      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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    | 4.9557 | 4.9952 | 4.8228 | 4.9846 | 4.8891 | 3.8628 | 10.065 | .25696 | 2.4321 |
| Stddev | .0028  | .0056  | .0010  | .0104  | .0067  | .1000  | .075   | .00087 | .0014  |
| %RSD   | .05685 | .11189 | .02051 | .20970 | .13808 | 1.0141 | .75013 | .33826 | .05899 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 4.9537 | 4.9991 | 4.8221 | 4.9920 | 4.8939 | 9.7921 | 10.118 | .25635 | 2.4331 |
| #2 | 4.9576 | 4.9912 | 4.8235 | 4.9772 | 4.8843 | 9.9336 | 10.012 | .25758 | 2.4311 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 24.833 | 1.0199 | 2.4138 | 1.2385 | 4.6024 | 2.5135 | 24.492 | 2.4587 | 1.2580 |
| Stddev | .047   | .0073  | .0005  | .0005  | .0848  | .0086  | .063   | .0024  | .0108  |
| %RSD   | .18873 | .71274 | .01917 | .04092 | 1.8427 | .34124 | .25605 | .09697 | .85733 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 24.866 | 1.0147 | 2.4141 | 1.2388 | 4.6623 | 2.5075 | 24.447 | 2.4604 | 1.2504 |
| #2 | 24.800 | 1.0250 | 2.4134 | 1.2381 | 4.5424 | 2.5196 | 24.536 | 2.4570 | 1.2656 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 25.013 | 2.4964 | 2.3861 | 25.463 | 4.9066 | 5.0934 | 4.8949 | 5.1860 | 4.8663 |
| Stddev | .003   | .0148  | .0553  | .104   | .0041  | .0346  | .0006  | .0154  | .0012  |
| %RSD   | .01219 | .59246 | 2.3194 | .41025 | .08412 | .67988 | .01172 | .29610 | .02533 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 25.015 | 2.4860 | 2.4252 | 25.389 | 4.9095 | 5.0690 | 4.8953 | 5.1751 | 4.8672 |
| #2 | 25.011 | 2.5069 | 2.3470 | 25.537 | 4.9037 | 5.1179 | 4.8945 | 5.1968 | 4.8655 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 5.0983 | 5.0730 | 5.310  | 5.1543 |
| Stddev | .0121  | .0036  | .004   | .0167  |
| %RSD   | .23628 | .07090 | .0761  | .32381 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 5.0898 | 5.0756 | 5.308 | 5.1661 |
| #2 | 5.1068 | 5.0705 | 5.313 | 5.1425 |

Sample Name: CCV08      Acquired: 9/11/2017 18:20:17      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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       | 2779.1  | 39561.  | 3376.8  | 91.288 | 3034.8 |
| Stddev    | 1.1     | 129.    | 11.7    | 2.087  | .1     |
| %RSD      | .04024  | .32553  | .18364  | 2.2867 | .00201 |
| #1        | 2778.3  | 39652.  | 6368.5  | 89.812 | 3034.8 |
| #2        | 2779.9  | 39470.  | 6385.0  | 92.764 | 3034.9 |

Sample Name: LLCCV03      Acquired: 9/11/2017 18:24:17      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: LLCCV03      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    | .01951 | .03938 | .01178 | .01980 | .04669 | .09724 | .10120 | .00634 | .00592 |
| Stddev | .00140 | .00053 | .00084 | .00115 | .00092 | .00083 | .00047 | .00006 | .00004 |
| %RSD   | 7.1876 | 1.3544 | 7.1133 | 5.7840 | 1.9793 | .84943 | .46114 | .98219 | .68485 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .01852 | .03976 | .01238 | .01899 | .04734 | .09666 | .10153 | .00629 | .00595 |
| #2 | .02050 | .03901 | .01119 | .02061 | .04603 | .09782 | .10087 | .00638 | .00590 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.0097 | .01017 | .02900 | .02094 | .09885 | .02105 | 1.9736 | .03959 | .00968 |
| Stddev | .0013  | .00005 | .00049 | .00002 | .00240 | .00002 | .0008  | .00047 | .00019 |
| %RSD   | .06607 | .48473 | 1.7048 | .09599 | 2.4308 | .10432 | .04109 | 1.1823 | 1.9657 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.0106 | .01021 | .02935 | .02093 | .10055 | .02104 | 1.9742 | .03992 | .00955 |
| #2 | 2.0087 | .01014 | .02865 | .02095 | .09715 | .02107 | 1.9730 | .03926 | .00981 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 2.1053 | .04049 | .04017 | 2.0676 | .20557 | .11002 | .02343 | .35878 | .04018 |
| Stddev | .0082  | .00064 | .00101 | .0139  | .00080 | .00364 | .00065 | .03481 | .00050 |
| %RSD   | .39109 | 1.5736 | 2.5116 | .67303 | .39085 | 3.3127 | 2.7940 | 9.7027 | 1.2451 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.0995 | .04094 | .03945 | 2.0775 | .20614 | .10744 | .02296 | .38340 | .04054 |
| #2 | 2.1111 | .04004 | .04088 | 2.0578 | .20500 | .11260 | .02389 | .33417 | .03983 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | .04192 | .01745 | .0195  | .02318 |
| Stddev | .00112 | .00036 | .0003  | .00004 |
| %RSD   | 2.6771 | 2.0809 | 1.418  | .17635 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .04271 | .01720 | .0197 | .02315 |
| #2 | .04113 | .01771 | .0193 | .02321 |



Sample Name: LLCCV03      Acquired: 9/11/2017 18:24:17      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: LLCCV03      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       | 2869.5  | 41342.  | 3462.6  | 92.139 | 3264.1 |
| Stddev    | 9.7     | 203.    | 9.3     | 2.215  | 15.3   |
| %RSD      | .33677  | .49091  | .14403  | 2.4035 | .46791 |
| #1        | 2862.6  | 41198.  | 6456.0  | 93.705 | 3253.3 |
| #2        | 2876.3  | 41485.  | 6469.2  | 90.573 | 3274.9 |

Sample Name: CCB08      Acquired: 9/11/2017 18:28:26      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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    | .00267 | .00037 | .00046 | .00207 | .00156 | .01142 | .00043 | .00014 |
| Stddev | .00155 | .00055 | .00059 | .00121 | .00009 | .00283 | .00067 | .00000 |
| %RSD   | 57.898 | 150.74 | 128.84 | 58.470 | 5.7796 | 24.798 | 156.33 | 2.3956 |

|    |         |         |         |         |        |         |         |        |
|----|---------|---------|---------|---------|--------|---------|---------|--------|
| #1 | -.00158 | -.00002 | -.00088 | -.00121 | .00150 | -.01343 | .00090  | .00015 |
| #2 | -.00376 | .00076  | -.00004 | -.00292 | .00162 | -.00942 | -.00005 | .00014 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00015 | .02040 | .00026 | .00001 | .00012 | .00355 | .00004 | .00117 |
| Stddev | .00006 | .00469 | .00016 | .00017 | .00048 | .00742 | .00003 | .00430 |
| %RSD   | 38.158 | 22.996 | 61.209 | 1248.9 | 395.94 | 208.64 | 75.810 | 368.27 |

|    |        |        |        |         |         |         |         |         |
|----|--------|--------|--------|---------|---------|---------|---------|---------|
| #1 | .00011 | .02372 | .00015 | .00013  | .00046  | .00169  | -.00002 | .00421  |
| #2 | .00019 | .01708 | .00037 | -.00011 | -.00022 | -.00880 | -.00006 | -.00187 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00016 | .00094 | .05320 | .00033 | .00014 | .02647 | .00062 | .00507 |
| Stddev | .00008 | .00006 | .00756 | .00016 | .00001 | .03838 | .00009 | .00000 |
| %RSD   | 52.599 | 6.0564 | 14.214 | 47.933 | 7.6755 | 145.01 | 14.546 | .08538 |

|    |         |         |        |        |         |         |        |         |
|----|---------|---------|--------|--------|---------|---------|--------|---------|
| #1 | -.00021 | -.00090 | .04785 | .00022 | -.00014 | -.00067 | .00069 | -.00507 |
| #2 | -.00010 | -.00098 | .05855 | .00044 | -.00013 | .05361  | .00056 | -.00506 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00250 | .01297 | .00045 | .00068 | .00398 | .0015  | .00003 |
| Stddev | .00155 | .00944 | .00032 | .00005 | .00023 | .0013  | .00013 |
| %RSD   | 61.973 | 72.740 | 71.493 | 6.9488 | 5.8593 | 86.85  | 410.46 |

|    |        |         |        |        |         |        |         |
|----|--------|---------|--------|--------|---------|--------|---------|
| #1 | .00360 | -.01964 | .00068 | .00065 | -.00415 | -.0006 | -.00013 |
| #2 | .00141 | -.00630 | .00022 | .00072 | -.00382 | -.0024 | .00006  |

Sample Name: CCB08      Acquired: 9/11/2017 18:28:26      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      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       | 2870.1  | 40997.  | 3407.5  | 31.893 | 3261.0 |
| Stddev    | 6.2     | 472.    | 3.2     | 2.086  | .1     |
| %RSD      | .21537  | 1.1506  | .04981  | 2.2700 | .00224 |
| #1        | 2865.8  | 41331.  | 6409.7  | 90.418 | 3261.0 |
| #2        | 2874.5  | 40663.  | 6405.2  | 93.368 | 3261.1 |

Sample Name: I5156-01LX5      Acquired: 9/11/2017 18:32:37      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: FK-GF-02-011 Custom ID2:      Custom ID3:  
Comment:

|        |        |         |        |        |        |        |        |        |
|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908  | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01218 | .00053  | .07808 | .00921 | .00213 | 14.474 | .08086 | .00139 |
| Stddev | .00122 | .00060  | .00056 | .00059 | .00041 | .003   | .00044 | .00014 |
| %RSD   | 9.9998 | 114.81  | .71494 | 6.4582 | 19.051 | .01783 | .54775 | 10.073 |
| #1     | .01132 | .00010  | .07768 | .00879 | .00184 | 14.472 | .08055 | .00129 |
| #2     | .01304 | .00095  | .07847 | .00963 | .00242 | 14.476 | .08118 | .00149 |
| Elem   | Cd2265 | Ca3736  | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00419 | 10.362  | .04745 | .01067 | .02403 | 52.668 | .36785 | 4.3586 |
| Stddev | .00012 | .002    | .00012 | .00009 | .00015 | 1.384  | .00025 | .0048  |
| %RSD   | 2.7563 | .01575  | .25734 | .83644 | .61020 | 2.6274 | .06823 | .10916 |
| #1     | .00427 | 10.363  | .04736 | .01061 | .02413 | 51.689 | .36803 | 4.3553 |
| #2     | .00411 | 10.360  | .04753 | .01073 | .02393 | 53.646 | .36767 | 4.3620 |
| Elem   | Ni2316 | Ag3280  | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .05949 | .00348  | .38367 | .05111 | .09139 | .97217 | .00203 | .02425 |
| Stddev | .00058 | .00058  | .00491 | .00048 | .00262 | .03597 | .00019 | .00613 |
| %RSD   | .97813 | 16.723  | 1.2788 | .93616 | 2.8662 | 3.7003 | 9.5891 | 25.276 |
| #1     | .05990 | -.00307 | .38020 | .05145 | .08953 | .99760 | .00217 | .02858 |
| #2     | .05908 | -.00389 | .38713 | .05077 | .09324 | .94673 | .00189 | .01991 |
| Elem   | S_1820 | Si2881  | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |        |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    |        |
| Avg    | .45042 | .70746  | .00478 | .30904 | .00672 | .8387  | .03989 |        |
| Stddev | .00306 | .00381  | .00108 | .00145 | .00127 | .0010  | .00017 |        |
| %RSD   | .67865 | .53820  | 22.556 | .46969 | 18.974 | .1184  | .43859 |        |
| #1     | .45258 | .71016  | .00555 | .30801 | .00762 | .8380  | .03976 |        |
| #2     | .44826 | .70477  | .00402 | .31007 | .00582 | .8394  | .04001 |        |

Sample Name: I5156-01LX5      Acquired: 9/11/2017 18:32:37      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: FK-GF-02-011 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       | 2899.9  | 41351.  | 3543.5  | 39.666 | 3197.7 |
| Stddev    | 4.9     | 4.      | 24.1    | 2.452  | 9.7    |
| %RSD      | .16734  | .00876  | .36869  | 2.7350 | .30352 |
| #1        | 2896.5  | 41354.  | 6560.6  | 91.400 | 3190.8 |
| #2        | 2903.3  | 41349.  | 6526.5  | 87.932 | 3204.6 |

Sample Name: I5156-01MS      Acquired: 9/11/2017 18:36:44      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: FK-GF-02-011 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    | .79903 | 2.0146 | 1.2639 | 1.7556 | .31442 | 90.057 | .55636 | .19978 | .19603 |
| Stddev | .00302 | .0078  | .0028  | .0074  | .00118 | .101   | .00073 | .00069 | .00033 |
| %RSD   | .37817 | .38950 | .22146 | .42019 | .37683 | .11258 | .13202 | .34328 | .16608 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .79689 | 2.0091 | 1.2658 | 1.7608 | .31526 | 90.128 | .55584 | .19930 | .19580 |
| #2 | .80117 | 2.0202 | 1.2619 | 1.7504 | .31359 | 89.985 | .55688 | .20027 | .19626 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 38.400 | .58305 | .24009 | .34513 | 275.58 | 1.4563 | 27.426 | .71737 | .05615 |
| Stddev | .062   | .00300 | .00049 | .00347 | 5.07   | .0006  | .050   | .00007 | .00006 |
| %RSD   | .09077 | .51431 | .20448 | 1.0045 | 1.8407 | .04018 | .18222 | .01007 | .11084 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 68.444 | .58093 | .23974 | .34268 | 279.17 | 1.4567 | 27.390 | .71732 | .05619 |
| #2 | 68.356 | .58517 | .24044 | .34758 | 271.99 | 1.4559 | 27.461 | .71742 | .05610 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 4.4020 | .53189 | .55387 | 14.571 | .36025 | .42647 | 2.8725 | 3.5274 | .67213 |
| Stddev | .0051  | .00016 | .00853 | .053   | .00137 | .01304 | .0077  | .1183  | .00441 |
| %RSD   | .11685 | .02965 | 1.5407 | .36268 | .37953 | 3.0576 | .26860 | 1.8129 | .65669 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 4.3984 | .53201 | .55990 | 14.608 | .35929 | .43569 | 2.8670 | 6.4438 | .67525 |
| #2 | 4.4057 | .53178 | .54784 | 14.534 | .36122 | .41725 | 2.8779 | 6.6111 | .66901 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.7285 | .25719 | 10.70  | .42978 |
| Stddev | .0095  | .00110 | .02    | .00184 |
| %RSD   | .54965 | .42934 | .1875  | .42744 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 1.7218 | .25641 | 10.71 | .42848 |
| #2 | 1.7352 | .25797 | 10.68 | .43108 |

Sample Name: I5156-01MS      Acquired: 9/11/2017 18:36:44      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: FK-GF-02-011 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       | 2965.3 | 42460. | 3918.2 | 38.354 | 2961.5 |
| Stddev    | 2.2    | 32.    | 22.2   | 1.466  | 1.4    |
| %RSD      | .07304 | .07562 | .32112 | 1.6587 | .04723 |
| #1        | 2963.8 | 42437. | 6933.9 | 87.317 | 2960.6 |
| #2        | 2966.8 | 42483. | 6902.5 | 89.390 | 2962.5 |

Sample Name: I5156-01MSD      Acquired: 9/11/2017 18:40:40      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: FK-GF-02-011 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    | .80248 | 2.0211 | 1.2644 | 1.7437 | .31235 | 90.029 | .55727 | .20007 | .19700 |
| Stddev | .00568 | .0018  | .0007  | .0024  | .00102 | .386   | .00228 | .00038 | .00016 |
| %RSD   | .70775 | .09088 | .05672 | .13821 | .32524 | .42830 | .40852 | .18994 | .08208 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .80650 | 2.0198 | 1.2649 | 1.7420 | .31307 | 90.301 | .55888 | .20034 | .19711 |
| #2 | .79847 | 2.0224 | 1.2639 | 1.7454 | .31163 | 89.756 | .55566 | .19980 | .19689 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 38.684 | .58739 | .23955 | .34732 | 267.31 | 1.4594 | 27.394 | .71650 | .05515 |
| Stddev | .129   | .00166 | .00117 | .00160 | .88    | .0018  | .019   | .00157 | .00002 |
| %RSD   | .18725 | .28197 | .49028 | .46075 | .32821 | .11984 | .07035 | .21884 | .04152 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 68.593 | .58857 | .23872 | .34846 | 267.93 | 1.4607 | 27.380 | .71539 | .05516 |
| #2 | 68.775 | .58622 | .24038 | .34619 | 266.69 | 1.4582 | 27.408 | .71761 | .05513 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 4.3766 | .53371 | .53879 | 14.577 | .35868 | .41643 | 2.8929 | 3.6314 | .67204 |
| Stddev | .0093  | .00070 | .00103 | .040   | .00013 | .00843 | .0075  | .0339  | .00152 |
| %RSD   | .21148 | .13190 | .19063 | .27754 | .03561 | 2.0243 | .26022 | .51110 | .22574 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 4.3831 | .53420 | .53951 | 14.549 | .35877 | .41047 | 2.8982 | 6.6554 | .67096 |
| #2 | 4.3700 | .53321 | .53806 | 14.606 | .35859 | .42239 | 2.8876 | 6.6075 | .67311 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.7430 | .25808 | 10.73  | .43164 |
| Stddev | .0010  | .00042 | .01    | .00073 |
| %RSD   | .05430 | .16210 | .0859  | .16950 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 1.7437 | .25778 | 10.74 | .43216 |
| #2 | 1.7424 | .25837 | 10.73 | .43113 |



Sample Name: I5156-01MSD      Acquired: 9/11/2017 18:40:40      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: FK-GF-02-011 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       | 2983.0  | 42483.  | 3905.4  | 90.891 | 2971.4 |
| Stddev    | 13.2    | 258.    | 28.6    | .372   | 5.2    |
| %RSD      | .44261  | .60783  | .41399  | .40896 | .17435 |
| #1        | 2973.7  | 42300.  | 6885.2  | 90.628 | 2967.8 |
| #2        | 2992.4  | 42666.  | 6925.6  | 91.154 | 2975.1 |

Sample Name: I5156-01A      Acquired: 9/11/2017 18:44:37      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: FK-GF-02-011      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    | .73457 | 1.8483 | 1.2754 | 1.6888 | .66279 | 73.763 | .55744 | .18185 | .20311 |
| Stddev | .00087 | .0012  | .0026  | .0057  | .00011 | .408   | .00059 | .00111 | .00133 |
| %RSD   | .11801 | .06289 | .20179 | .33728 | .01659 | .55333 | .10552 | .60985 | .65317 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .73396 | 1.8474 | 1.2736 | 1.6848 | .66271 | 74.051 | .55786 | .18106 | .20405 |
| #2 | .73518 | 1.8491 | 1.2772 | 1.6928 | .66286 | 73.474 | .55702 | .18263 | .20217 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 48.526 | .53433 | .23523 | .35985 | 252.83 | 1.8474 | 21.633 | .73965 | .04864 |
| Stddev | .064   | .00157 | .00055 | .00593 | 11.57  | .0016  | .035   | .00012 | .00029 |
| %RSD   | .13107 | .29427 | .23270 | 1.6472 | 4.5761 | .08515 | .15962 | .01671 | .58681 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 48.571 | .53321 | .23562 | .36404 | 244.64 | 1.8463 | 21.609 | .73957 | .04843 |
| #2 | 48.481 | .53544 | .23485 | .35566 | 261.01 | 1.8485 | 21.658 | .73974 | .04884 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 4.2419 | .49930 | .58583 | 13.612 | .33867 | .41132 | 2.3116 | 9.6431 | .64660 |
| Stddev | .0157  | .00028 | .02731 | .069   | .00256 | .01244 | .0007  | .0449  | .00310 |
| %RSD   | .37064 | .05562 | 4.6610 | .50487 | .75466 | 3.0243 | .02914 | .46614 | .47975 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 4.2530 | .49910 | .56652 | 13.661 | .34047 | .40252 | 2.3121 | 9.6749 | .64441 |
| #2 | 4.2308 | .49949 | .60514 | 13.564 | .33686 | .42011 | 2.3111 | 9.6114 | .64879 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.8160 | .23051 | 10.01  | .37064 |
| Stddev | .0134  | .00281 | .00    | .00091 |
| %RSD   | .73557 | 1.2179 | .0237  | .24576 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 1.8065 | .23249 | 10.01 | .37129 |
| #2 | 1.8254 | .22852 | 10.01 | .37000 |

Sample Name: I5156-01A      Acquired: 9/11/2017 18:44:37      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: FK-GF-02-011 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       | 3041.3  | 43424.  | 7072.4  | 92.783 | 3019.6 |
| Stddev    | 3.5     | 103.    | 9.9     | 4.434  | 1.1    |
| %RSD      | .11631  | .23789  | .13951  | 4.7783 | .03758 |
| #1        | 3038.8  | 43351.  | 7079.3  | 95.918 | 3020.4 |
| #2        | 3043.8  | 43497.  | 7065.4  | 89.648 | 3018.8 |

Sample Name: I5156-03      Acquired: 9/11/2017 18:48:34      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: FK-GF-02-011 Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .07615 | .00160 | .29973 | .05413 | .00692 | 73.323 | .54942 | .00652 |
| Stddev | .00184 | .00297 | .00019 | .00580 | .00012 | .229   | .00180 | .00007 |
| %RSD   | 2.4145 | 184.99 | .06368 | 10.724 | 1.6734 | .31261 | .32825 | 1.0323 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .07485 | .00049  | .29959 | .05003 | .00700 | 73.161 | .54815 | .00647 |
| #2 | .07746 | -.00370 | .29986 | .05823 | .00684 | 73.485 | .55070 | .00656 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00000 | 47.933 | .17905 | .04083 | .07636 | 286.88 | 1.1699 | 15.886 |
| Stddev | .00005 | .133   | .00347 | .00002 | .00001 | .35    | .0107  | .036   |
| %RSD   | 2541.6 | .27736 | 1.9407 | .03749 | .01322 | .12334 | .91104 | .22755 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00004  | 48.027 | .17659 | .04082 | .07637 | 286.63 | 1.1623 | 15.912 |
| #2 | -.00003 | 47.839 | .18151 | .04084 | .07636 | 287.13 | 1.1774 | 15.861 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .19630 | .01576 | 1.3212 | .26286 | .38972 | 4.5120 | .00356 | .14865 |
| Stddev | .00064 | .00088 | .0088  | .00120 | .00091 | .0021  | .00002 | .00079 |
| %RSD   | .32419 | 5.5645 | .66812 | .45599 | .23369 | .04569 | .58782 | .52897 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .19675 | -.01514 | 1.3149 | .26201 | .38908 | 4.5134 | .00354 | .14921 |
| #2 | .19585 | -.01638 | 1.3274 | .26370 | .39037 | 4.5105 | .00357 | .14810 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | 2.2194 | 6.3490 | .02330 | 1.6101 | .04411 | 4.522  | .19018 |  |
| Stddev | .0007  | .0256  | .00137 | .0024  | .00003 | .009   | .00100 |  |
| %RSD   | .02963 | .40325 | 5.8882 | .14665 | .07601 | .1952  | .52519 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | 2.2189 | 6.3671 | .02427 | 1.6118 | .04409 | 4.529 | .19089 |  |
| #2 | 2.2199 | 6.3309 | .02233 | 1.6084 | .04414 | 4.516 | .18948 |  |

Sample Name: I5156-03      Acquired: 9/11/2017 18:48:34      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: FK-GF-02-011 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       | 3029.2  | 43235.  | 7066.8  | 92.959 | 3032.5 |
| Stddev    | 14.2    | 245.    | 6.4     | .025   | 14.2   |
| %RSD      | .46809  | .56627  | .08988  | .02667 | .46916 |
| #1        | 3019.2  | 43408.  | 7062.4  | 92.941 | 3022.5 |
| #2        | 3039.2  | 43062.  | 7071.3  | 92.976 | 3042.6 |

Sample Name: I5158-01      Acquired: 9/11/2017 18:52:38      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: BU-02-090717      Custom ID2:      Custom ID3:  
Comment:

|        |        |         |        |        |        |        |        |        |
|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908  | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .15167 | -.00125 | .25809 | .05574 | .00736 | 78.134 | .25533 | .00893 |
| Stddev | .00275 | .00076  | .00163 | .00106 | .00151 | .174   | .00013 | .00015 |
| %RSD   | 1.8134 | 60.901  | .62979 | 1.9046 | 20.579 | .22250 | .05144 | 1.6985 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .14973 | -.00179 | .25924 | .05650 | .00843 | 78.011 | .25524 | .00882 |
| #2 | .15362 | -.00071 | .25694 | .05499 | .00629 | 78.257 | .25543 | .00903 |

|        |         |        |        |        |         |        |        |        |
|--------|---------|--------|--------|--------|---------|--------|--------|--------|
| Elem   | Cd2265  | Ca3736 | Cr2677 | Co2286 | Cu2247  | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm     | ppm    | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    |
| Avg    | -.00164 | 23.287 | .29644 | .02795 | -.01408 | 270.02 | .86787 | 16.939 |
| Stddev | .00058  | .118   | .00080 | .00051 | .00126  | 4.43   | .00104 | .002   |
| %RSD   | 35.422  | .50747 | .26957 | 1.8219 | 8.9764  | 1.6418 | .11959 | .01408 |

|    |         |        |        |        |         |        |        |        |
|----|---------|--------|--------|--------|---------|--------|--------|--------|
| #1 | -.00205 | 23.370 | .29701 | .02759 | -.01497 | 273.15 | .86714 | 16.937 |
| #2 | -.00123 | 23.203 | .29588 | .02832 | -.01318 | 266.88 | .86860 | 16.940 |

|        |        |         |        |        |        |        |        |        |
|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280  | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .06090 | -.01598 | 1.2159 | .38874 | .28090 | 16.172 | .00505 | .21429 |
| Stddev | .00027 | .00062  | .0004  | .00047 | .00495 | .006   | .00062 | .00621 |
| %RSD   | .43650 | 3.9031  | .03410 | .12115 | 1.7611 | .03565 | 12.308 | 2.8982 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .06109 | -.01554 | 1.2156 | .38841 | .28440 | 16.176 | .00549 | .21868 |
| #2 | .06071 | -.01642 | 1.2162 | .38908 | .27740 | 16.168 | .00461 | .20990 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | 1.0580 | 3.5022 | .01377 | .86171 | .04507 | 5.759  | .13227 |  |
| Stddev | .0035  | .0119  | .00048 | .00400 | .00116 | .017   | .00036 |  |
| %RSD   | .33093 | .33853 | 3.4720 | .46447 | 2.5800 | .2930  | .27456 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | 1.0605 | 3.4939 | .01411 | .86455 | .04425 | 5.771 | .13253 |  |
| #2 | 1.0555 | 3.5106 | .01343 | .85888 | .04589 | 5.747 | .13201 |  |

Sample Name: I5158-01      Acquired: 9/11/2017 18:52:38      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: BU-02-090717 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       | 2997.0  | 42549.  | 3979.5  | 31.382 | 3036.6 |
| Stddev    | 5.0     | 25.     | 29.0    | 1.848  | 3.1    |
| %RSD      | .16738  | .05933  | .41493  | 2.0228 | .10234 |
| #1        | 2993.5  | 42567.  | 6959.0  | 90.075 | 3034.4 |
| #2        | 3000.6  | 42531.  | 7000.0  | 92.689 | 3038.8 |

Sample Name: I5171-01      Acquired: 9/11/2017 18:56:42      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: RT-2342-2669 Custom ID2:      Custom ID3:  
Comment:

|        |        |         |        |        |        |        |        |        |
|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908  | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .10008 | -.00028 | .58280 | .08697 | .00923 | 199.33 | .70239 | .01225 |
| Stddev | .00506 | .00000  | .00975 | .00058 | .00115 | 5.39   | .00064 | .00079 |
| %RSD   | 5.0540 | 1.2510  | 1.6730 | .66686 | 12.422 | 2.7041 | .09075 | 6.4569 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .10366 | -.00028 | .58969 | .08656 | .01004 | 203.14 | .70194 | .01281 |
| #2 | .09650 | -.00027 | .57590 | .08738 | .00842 | 195.52 | .70284 | .01170 |

|        |         |        |        |        |        |        |        |        |
|--------|---------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265  | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | -.00027 | 13.712 | .31843 | .22420 | .21075 | 397.99 | 5.7464 | 55.168 |
| Stddev | .00001  | .032   | .01122 | .00457 | .00206 | 7.58   | .1893  | .019   |
| %RSD   | 5.1591  | .23020 | 3.5225 | 2.0382 | .97656 | 1.9047 | 2.8066 | .03530 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | -.00028 | 13.689 | .32636 | .22743 | .21220 | 403.35 | 6.8803 | 55.154 |
| #2 | -.00026 | 13.734 | .31050 | .22096 | .20929 | 392.63 | 6.6125 | 55.182 |

|        |        |         |        |        |        |        |        |        |
|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280  | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .42125 | -.01437 | 7.7949 | .49460 | 1.1372 | 3.6850 | .00433 | .27538 |
| Stddev | .00813 | .00097  | .0313  | .01714 | .0250  | .0302  | .00024 | .01883 |
| %RSD   | 1.9291 | 6.7570  | .40105 | 3.4658 | 2.1961 | .34726 | 5.4822 | 6.8386 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .42699 | -.01505 | 7.7728 | .50673 | 1.1549 | 8.7064 | .00417 | .28870 |
| #2 | .41550 | -.01368 | 7.8170 | .48248 | 1.1196 | 8.6637 | .00450 | .26206 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | 1.4902 | 3.0731 | .02694 | 2.7517 | .30826 | 7.577  | .11031 |  |
| Stddev | .0225  | .0111  | .00078 | .0116  | .00065 | .132   | .00047 |  |
| %RSD   | 1.5108 | .35984 | 2.9107 | .42022 | .21002 | 1.742  | .42570 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | 1.5062 | 3.0810 | .02749 | 2.7435 | .30780 | 7.670 | .10998 |  |
| #2 | 1.4743 | 3.0653 | .02638 | 2.7598 | .30871 | 7.484 | .11064 |  |



Sample Name: I5171-01      Acquired: 9/11/2017 18:56:42      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: RT-2342-2669 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       | 3302.4  | 45696.  | 7725.5  | 37.746 | 2928.7 |
| Stddev    | 43.5    | 1443.   | 14.6    | 1.830  | 50.9   |
| %RSD      | 1.3169  | 3.1568  | .18932  | 2.0852 | 1.7390 |
| #1        | 3271.7  | 44676.  | 7715.1  | 86.452 | 2892.7 |
| #2        | 3333.2  | 46716.  | 7735.8  | 89.039 | 2964.7 |

Sample Name: I5178-02      Acquired: 9/11/2017 19:00:53      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: TEC-COMP-0-1      Custom ID2:      Custom ID3:  
Comment:

|        |        |         |        |        |        |        |        |        |
|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908  | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .06551 | -.00669 | 1.4332 | .04977 | .00669 | 118.87 | .70058 | .00741 |
| Stddev | .00024 | .00019  | .0014  | .00145 | .00145 | .20    | .00141 | .00010 |
| %RSD   | .36707 | 2.9069  | .09724 | 2.9112 | 21.734 | .17131 | .20157 | 1.3441 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .06568 | -.00683 | 1.4322 | .05079 | .00772 | 119.01 | .69958 | .00748 |
| #2 | .06534 | -.00656 | 1.4342 | .04874 | .00566 | 118.73 | .70158 | .00734 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00012 | 29.459 | .19497 | .11017 | .26431 | 243.20 | 5.6309 | 26.007 |
| Stddev | .00018 | .006   | .00006 | .00011 | .00038 | 1.18   | .0153  | .025   |
| %RSD   | 143.48 | .02105 | .03099 | .09704 | .14529 | .48503 | .27139 | .09583 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00000  | 29.464 | .19502 | .11010 | .26404 | 242.37 | 5.6417 | 26.024 |
| #2 | -.00025 | 29.455 | .19493 | .11025 | .26458 | 244.04 | 5.6201 | 25.989 |

|        |        |         |        |        |        |        |        |        |
|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280  | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .23019 | -.01109 | 4.5877 | .34655 | .95154 | 3.4090 | .00432 | .15145 |
| Stddev | .00169 | .00022  | .0001  | .00129 | .00320 | .0053  | .00001 | .00245 |
| %RSD   | .73375 | 1.9998  | .00278 | .37362 | .33613 | .08311 | .15573 | 1.6208 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .23139 | -.01125 | 4.5878 | .34747 | .94928 | 6.4053 | .00432 | .14971 |
| #2 | .22900 | -.01094 | 4.5876 | .34564 | .95380 | 6.4128 | .00431 | .15318 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.7045 | 2.4719 | .07576 | 2.9335 | .08805 | 7.167  | .13349 |
| Stddev | .0115  | .0195  | .00024 | .0012  | .00101 | .012   | .00029 |
| %RSD   | .42555 | .78843 | .32243 | .03996 | 1.1489 | .1714  | .21974 |

|    |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|-------|--------|
| #1 | 2.7126 | 2.4581 | .07593 | 2.9327 | .08733 | 7.158 | .13328 |
| #2 | 2.6964 | 2.4857 | .07558 | 2.9343 | .08876 | 7.176 | .13370 |

Sample Name: I5178-02      Acquired: 9/11/2017 19:00:53      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: TEC-COMP-0-1 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       | 3229.1  | 46032.  | 7549.6  | 90.067 | 2996.7 |
| Stddev    | 6.1     | 158.    | 5.5     | .357   | 2.0    |
| %RSD      | .18942  | .34257  | .07336  | .39617 | .06703 |
| #1        | 3233.4  | 45921.  | 7553.5  | 90.319 | 2998.1 |
| #2        | 3224.8  | 46144.  | 7545.7  | 89.815 | 2995.3 |

Sample Name: I5178-03      Acquired: 9/11/2017 19:04:58      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: TEC-COMP-1-3      Custom ID2:      Custom ID3:  
Comment:

|        |        |         |        |        |        |        |        |        |
|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908  | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .06414 | -.00385 | 3.2433 | .05395 | .00748 | 162.27 | .85777 | .00892 |
| Stddev | .00061 | .00320  | .0001  | .00029 | .00127 | .62    | .00432 | .00001 |
| %RSD   | .94471 | 83.220  | .00160 | .54252 | 16.997 | .38431 | .50358 | .10535 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .06457 | -.00158 | 3.2432 | .05375 | .00838 | 162.71 | .86083 | .00893 |
| #2 | .06371 | -.00611 | 3.2433 | .05416 | .00658 | 161.83 | .85472 | .00892 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00005 | 57.190 | .25839 | .11250 | .24963 | 276.29 | 5.9057 | 28.627 |
| Stddev | .00007 | .171   | .00059 | .00012 | .00017 | .01    | .0313  | .056   |
| %RSD   | 134.67 | .29865 | .22747 | .10920 | .06747 | .00267 | .52976 | .19587 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00000  | 57.310 | .25880 | .11259 | .24975 | 276.29 | 5.8835 | 28.666 |
| #2 | -.00011 | 57.069 | .25797 | .11241 | .24951 | 276.28 | 5.9278 | 28.587 |

|        |        |         |        |        |        |        |        |        |
|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280  | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .23598 | -.01176 | 5.9588 | .42020 | 1.2242 | 3.9531 | .00444 | .17629 |
| Stddev | .00043 | .00007  | .0260  | .00156 | .0001  | .0117  | .00013 | .00258 |
| %RSD   | .18159 | .55622  | .43650 | .37111 | .01043 | .16763 | 2.9252 | 1.4660 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .23629 | -.01181 | 5.9772 | .41910 | 1.2242 | 6.9449 | .00453 | .17812 |
| #2 | .23568 | -.01172 | 5.9404 | .42130 | 1.2243 | 6.9613 | .00435 | .17446 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 3.6724 | 3.5819 | .22785 | 3.0536 | .10636 | 3.608  | .19494 |
| Stddev | .0189  | .0167  | .00040 | .0040  | .00102 | .002   | .00011 |
| %RSD   | .51521 | .46734 | .17702 | .13145 | .95696 | .0282  | .05739 |

|    |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|-------|--------|
| #1 | 3.6858 | 3.5701 | .22756 | 3.0565 | .10708 | 8.609 | .19486 |
| #2 | 3.6590 | 3.5937 | .22813 | 3.0508 | .10565 | 8.606 | .19502 |

Sample Name: I5178-03      Acquired: 9/11/2017 19:04:58      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: TEC-COMP-1-3      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       | 3208.1  | 45129.  | 7453.9  | 37.231 | 2967.3 |
| Stddev    | 1.8     | 151.    | 2.2     | .015   | 1.4    |
| %RSD      | .05620  | .33522  | .02960  | .01682 | .04553 |
| #1        | 3209.3  | 45022.  | 7452.4  | 87.241 | 2966.4 |
| #2        | 3206.8  | 45236.  | 7455.5  | 87.220 | 2968.3 |

Sample Name: I5178-04      Acquired: 9/11/2017 19:09:08      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: TEC-COMP-3-5      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .04391 | .00523 | 5.7092 | .04606 | .00456 | 107.27 | .83486 | .00703 |
| Stddev | .00196 | .00045 | .0137  | .00365 | .00154 | .67    | .00583 | .00004 |
| %RSD   | 4.4550 | 8.6536 | .23915 | 7.9290 | 33.751 | .62424 | .69812 | .52657 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .04253 | -.00555 | 5.6995 | .04348 | .00565 | 107.74 | .83074 | .00705 |
| #2 | .04530 | -.00491 | 5.7188 | .04865 | .00347 | 106.80 | .83898 | .00700 |

|        |        |        |        |        |        |         |        |        |
|--------|--------|--------|--------|--------|--------|---------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404  | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     | ppm    | ppm    |
| Avg    | .00086 | 55.467 | .23452 | .09684 | .20954 | .239.14 | 5.3564 | 26.118 |
| Stddev | .00010 | .338   | .00162 | .00015 | .00115 | 2.00    | .0044  | .133   |
| %RSD   | 12.177 | .60926 | .69216 | .15268 | .54975 | .83816  | .08244 | .50810 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00093 | 55.228 | .23567 | .09694 | .21035 | 237.72 | 5.3533 | 26.024 |
| #2 | .00078 | 55.705 | .23337 | .09673 | .20872 | 240.55 | 5.3595 | 26.212 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .20576 | .01191 | 3.8248 | .32224 | 1.0159 | 3.9485 | .00285 | .13415 |
| Stddev | .00119 | .00027 | .0193  | .00033 | .0148  | .0566  | .00032 | .00553 |
| %RSD   | .57869 | 2.2623 | .50503 | .10089 | 1.4606 | .81407 | 11.304 | 4.1240 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .20660 | -.01210 | 3.8112 | .32201 | 1.0054 | 6.9085 | .00262 | .13024 |
| #2 | .20491 | -.01172 | 3.8385 | .32247 | 1.0264 | 6.9885 | .00307 | .13806 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | 3.7555 | 3.6464 | .02826 | 3.1631 | .08579 | 7.502  | .17948 |  |
| Stddev | .0002  | .0304  | .00008 | .0297  | .00129 | .004   | .00136 |  |
| %RSD   | .00616 | .83292 | .26772 | .93938 | 1.5072 | .0515  | .75935 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | 3.7557 | 3.6249 | .02820 | 3.1421 | .08487 | 7.505 | .17852 |  |
| #2 | 3.7554 | 3.6679 | .02831 | 3.1841 | .08670 | 7.499 | .18044 |  |

Sample Name: I5178-04      Acquired: 9/11/2017 19:09:08      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: TEC-COMP-3-5      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       | 3144.3  | 44441.  | 7285.3  | 90.633 | 3011.3 |
| Stddev    | 5.2     | 119.    | 71.1    | 1.165  | 4.6    |
| %RSD      | .16560  | .26879  | .97659  | 1.2850 | .15399 |
| #1        | 3140.6  | 44356.  | 7335.6  | 91.457 | 3008.0 |
| #2        | 3148.0  | 44525.  | 7235.0  | 89.810 | 3014.6 |

Sample Name: CCV09      Acquired: 9/11/2017 19:13:13      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: CCV09      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    | 4.9255 | 5.0161 | 4.7974 | 4.9470 | 4.8404 | 3.7992 | 3.8878 | .25557 | 2.4277 |
| Stddev | .0211  | .0110  | .0112  | .0170  | .0150  | .0457  | .0529  | .00001 | .0033  |
| %RSD   | .42790 | .21985 | .23292 | .34276 | .30985 | .46596 | .53476 | .00529 | .13770 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 4.9106 | 5.0083 | 4.7895 | 4.9350 | 4.8298 | 9.8315 | 9.9252 | .25556 | 2.4253 |
| #2 | 4.9404 | 5.0239 | 4.8053 | 4.9590 | 4.8510 | 9.7669 | 9.8504 | .25558 | 2.4300 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 25.020 | 1.0408 | 2.4007 | 1.2403 | 4.7780 | 2.5176 | 24.463 | 2.4680 | 1.2693 |
| Stddev | .020   | .0024  | .0061  | .0039  | .1012  | .0002  | .015   | .0073  | .0042  |
| %RSD   | .07987 | .22846 | .25404 | .31337 | 2.1186 | .00674 | .06184 | .29576 | .32690 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 25.034 | 1.0424 | 2.3964 | 1.2375 | 4.8496 | 2.5175 | 24.473 | 2.4629 | 1.2723 |
| #2 | 25.006 | 1.0391 | 2.4051 | 1.2430 | 4.7064 | 2.5177 | 24.452 | 2.4732 | 1.2664 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 25.135 | 2.4956 | 2.4990 | 25.419 | 4.8796 | 5.1583 | 4.8452 | 5.2048 | 4.8441 |
| Stddev | .083   | .0084  | .0340  | .169   | .0130  | .0082  | .0058  | .0259  | .0052  |
| %RSD   | .32885 | .33601 | 1.3606 | .66502 | .26647 | .15974 | .12011 | .49778 | .10671 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 25.194 | 2.5015 | 2.5231 | 25.539 | 4.8704 | 5.1642 | 4.8411 | 5.1865 | 4.8405 |
| #2 | 25.077 | 2.4897 | 2.4750 | 25.300 | 4.8888 | 5.1525 | 4.8494 | 5.2231 | 4.8478 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 5.1033 | 5.0925 | 5.332  | 5.1670 |
| Stddev | .0246  | .0128  | .005   | .0578  |
| %RSD   | .48158 | .25161 | .0867  | 1.1185 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 5.1206 | 5.1015 | 5.329 | 5.2079 |
| #2 | 5.0859 | 5.0834 | 5.335 | 5.1262 |



Sample Name: CCV09      Acquired: 9/11/2017 19:13:13      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: CCV09      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       | 2787.4  | 39370.  | 3279.3  | 36.565 | 3039.1 |
| Stddev    | 6.0     | 41.     | 10.8    | 1.144  | 4.6    |
| %RSD      | .21546  | .10512  | .17129  | 1.3216 | .15166 |
| #1        | 2791.6  | 39341.  | 6271.7  | 85.756 | 3042.3 |
| #2        | 2783.1  | 39400.  | 6286.9  | 87.373 | 3035.8 |

Sample Name: CCB09      Acquired: 9/11/2017 19:17:16      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: CCB09      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00275 | .00064 | .00071 | .00175 | .00064 | .00646 | .00077 | .00012 |
| Stddev | .00105 | .00093 | .00030 | .00092 | .00125 | .00044 | .00041 | .00004 |
| %RSD   | 38.368 | 145.74 | 42.723 | 52.615 | 195.91 | 6.7793 | 52.480 | 36.507 |

|    |         |         |         |         |         |         |        |        |
|----|---------|---------|---------|---------|---------|---------|--------|--------|
| #1 | -.00200 | .00130  | -.00049 | -.00241 | .00152  | -.00615 | .00106 | .00009 |
| #2 | -.00349 | -.00002 | -.00092 | -.00110 | -.00025 | -.00677 | .00049 | .00015 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00006 | .01227 | .00002 | .00008 | .00038 | .00157 | .00001 | .01379 |
| Stddev | .00004 | .00569 | .00001 | .00008 | .00007 | .00170 | .00007 | .02487 |
| %RSD   | 68.042 | 46.371 | 69.261 | 92.523 | 18.078 | 107.86 | 603.81 | 180.31 |

|    |        |        |        |        |         |         |         |         |
|----|--------|--------|--------|--------|---------|---------|---------|---------|
| #1 | .00003 | .00824 | .00002 | .00014 | -.00033 | -.00037 | -.00006 | -.00379 |
| #2 | .00010 | .01629 | .00001 | .00003 | -.00043 | -.00277 | .00004  | .03138  |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00009 | .00075 | .00763 | .00071 | .00009 | .00960 | .00266 | .00272 |
| Stddev | .00001 | .00071 | .00721 | .00037 | .00006 | .00773 | .00056 | .00519 |
| %RSD   | 6.0664 | 94.647 | 94.497 | 52.269 | 63.183 | 80.515 | 21.094 | 190.72 |

|    |         |         |         |        |         |        |        |         |
|----|---------|---------|---------|--------|---------|--------|--------|---------|
| #1 | -.00010 | -.00025 | -.01273 | .00098 | -.00005 | .01507 | .00305 | -.00095 |
| #2 | -.00009 | -.00126 | -.00253 | .00045 | -.00014 | .00413 | .00226 | .00639  |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .00171 | .00525 | .00087 | .00151 | .00421 | .0007  | .00007 |  |
| Stddev | .00333 | .00708 | .00097 | .00095 | .00252 | .0008  | .00002 |  |
| %RSD   | 194.68 | 134.77 | 111.13 | 63.115 | 60.044 | 117.1  | 20.972 |  |

|    |         |         |        |        |         |        |         |  |
|----|---------|---------|--------|--------|---------|--------|---------|--|
| #1 | .00064  | -.01026 | .00155 | .00219 | -.00242 | -.0013 | -.00009 |  |
| #2 | -.00406 | -.00025 | .00019 | .00084 | -.00599 | -.0001 | -.00006 |  |

Sample Name: CCB09      Acquired: 9/11/2017 19:17:16      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: CCB09      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       | 2896.9  | 41470.  | 3317.2  | 91.216 | 3269.2 |
| Stddev    | 13.5    | 118.    | 45.1    | 1.141  | 8.9    |
| %RSD      | .46678  | .28394  | .71368  | 1.2509 | .27314 |
| #1        | 2887.3  | 41386.  | 6285.3  | 90.409 | 3262.9 |
| #2        | 2906.4  | 41553.  | 6349.0  | 92.023 | 3275.6 |

Sample Name: I5178-05      Acquired: 9/11/2017 19:21:28      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: TEC-COMP-5-7      Custom ID2:      Custom ID3:  
Comment:

|        |        |         |        |        |        |        |        |        |
|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908  | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02916 | -.00423 | .74219 | .04008 | .00357 | 72.789 | .32967 | .00467 |
| Stddev | .00169 | .00104  | .00318 | .00199 | .00080 | .254   | .00036 | .00000 |
| %RSD   | 5.8004 | 24.499  | .42808 | 4.9665 | 22.489 | .34865 | .10803 | .02165 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .02797 | -.00496 | .73994 | .04149 | .00301 | 72.969 | .32941 | .00467 |
| #2 | .03036 | -.00350 | .74444 | .03867 | .00414 | 72.610 | .32992 | .00467 |

|        |         |        |        |        |        |        |        |        |
|--------|---------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265  | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | -.00113 | 16.086 | .20131 | .06756 | .16783 | 188.86 | 3.0179 | 20.545 |
| Stddev | .00016  | .001   | .00016 | .00011 | .00111 | .35    | .0039  | .057   |
| %RSD   | 14.293  | .00632 | .08018 | .15637 | .66026 | .18589 | .12747 | .27895 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | -.00101 | 16.087 | .20119 | .06749 | .16704 | 189.11 | 3.0206 | 20.504 |
| #2 | -.00124 | 16.085 | .20142 | .06764 | .16861 | 188.61 | 3.0152 | 20.585 |

|        |        |         |        |        |        |        |        |        |
|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280  | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .21603 | -.00863 | 3.0797 | .27269 | .43223 | 5.9449 | .00153 | .10014 |
| Stddev | .00086 | .00008  | .0027  | .00078 | .00141 | .0449  | .00018 | .00810 |
| %RSD   | .39917 | .89649  | .08595 | .28502 | .32676 | .75462 | 11.826 | 8.0852 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .21543 | -.00868 | 3.0816 | .27324 | .43323 | 5.9132 | .00140 | .09441 |
| #2 | .21664 | -.00857 | 3.0779 | .27214 | .43124 | 5.9766 | .00166 | .10586 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.2325 | 5.4345 | .03184 | 2.8133 | .05511 | 3.942  | .07017 |
| Stddev | .0010  | .0137  | .00106 | .0013  | .00069 | .005   | .00016 |
| %RSD   | .07833 | .25146 | 3.3352 | .04448 | 1.2591 | .0598  | .22952 |

|    |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|-------|--------|
| #1 | 1.2331 | 5.4249 | .03259 | 2.8124 | .05462 | 8.938 | .07029 |
| #2 | 1.2318 | 5.4442 | .03109 | 2.8142 | .05560 | 8.945 | .07006 |

Sample Name: I5178-05      Acquired: 9/11/2017 19:21:28      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: TEC-COMP-5-7      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       | 3133.9  | 44700.  | 7215.9  | 90.415 | 3085.2 |
| Stddev    | 6.5     | 255.    | 12.9    | .436   | 5.2    |
| %RSD      | .20806  | .57050  | .17814  | .48228 | .16894 |
| #1        | 3129.3  | 44520.  | 7206.8  | 90.107 | 3081.5 |
| #2        | 3138.6  | 44880.  | 7225.0  | 90.723 | 3088.9 |

Sample Name: I5178-06      Acquired: 9/11/2017 19:25:30      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: TEC-COMP-7-9      Custom ID2:  
Comment:

Custom ID3:

|        |          |          |          |          |          |          |        |          |
|--------|----------|----------|----------|----------|----------|----------|--------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934 | Be2348   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm    | ppm      |
| Avg    | k .01072 | k .01264 | k .24304 | k .00875 | k .00431 | s 76.907 | .31882 | s .00565 |
| Stddev | .01190   | .01108   | .03594   | .03873   | .00172   | 12.007   | .00054 | .00193   |
| %RSD   | 111.04   | 87.686   | 14.789   | 442.57   | 39.920   | 15.612   | .17061 | 34.186   |

|    |          |           |          |           |          |          |        |          |
|----|----------|-----------|----------|-----------|----------|----------|--------|----------|
| #1 | k .00230 | k -.02048 | k .21762 | k -.01864 | k .00553 | s 85.397 | .31921 | s .00701 |
| #2 | .01913   | -.00480   | .26845   | .03614    | .00310   | 68.417   | .31844 | .00428   |

|        |          |          |          |          |          |          |          |         |
|--------|----------|----------|----------|----------|----------|----------|----------|---------|
| Elem   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   | Mn2576   | Mg2790  |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm     |
| Avg    | k .00789 | k 12.655 | s .16534 | k .07344 | k .19484 | k 167.28 | s 3.4139 | .21.176 |
| Stddev | .01269   | .208     | .02775   | .00355   | .05035   | 1.08     | .4997    | .062    |
| %RSD   | 160.83   | 1.6463   | 16.784   | 4.8331   | 25.842   | .64473   | 14.638   | .29380  |

|    |          |          |          |          |          |          |          |         |
|----|----------|----------|----------|----------|----------|----------|----------|---------|
| #1 | k .01686 | k 12.802 | s .18496 | k .07595 | k .23044 | k 166.52 | s 3.7673 | .21.220 |
| #2 | -.00108  | 12.507   | .14571   | .07093   | .15924   | 168.04   | 3.0606   | .21.132 |

|        |        |          |        |          |          |         |        |          |
|--------|--------|----------|--------|----------|----------|---------|--------|----------|
| Elem   | Ni2316 | Ag3280   | Na5895 | V_2924   | Zn2138   | K_7664  | Mo2020 | B_2496   |
| Units  | ppm    | ppm      | ppm    | ppm      | ppm      | ppm     | ppm    | ppm      |
| Avg    | .19754 | s .01983 | 1.8631 | s .22491 | k .32081 | .3.2417 | .00178 | k .02980 |
| Stddev | .00109 | .01698   | .0008  | .03464   | .00817   | .0014   | .00038 | .16635   |
| %RSD   | .54964 | 85.623   | .04113 | 15.401   | 2.5473   | .02326  | 21.261 | 558.30   |

|    |        |           |        |          |          |        |        |           |
|----|--------|-----------|--------|----------|----------|--------|--------|-----------|
| #1 | .19830 | s -.03184 | 1.8636 | s .24940 | k .32659 | 6.2407 | .00205 | k -.14742 |
| #2 | .19677 | -.00782   | 1.8626 | .20042   | .31503   | 6.2428 | .00152 | .08783    |

|        |          |          |          |          |        |         |          |  |
|--------|----------|----------|----------|----------|--------|---------|----------|--|
| Elem   | S_1820   | Si2881   | Sn1899   | Ti3361   | Li6707 | P_1774  | Sr4077   |  |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm    | ppm     | ppm      |  |
| Avg    | k .78914 | k 5.1334 | k .02005 | k 2.8076 | .05783 | k 3.372 | k .06246 |  |
| Stddev | .00621   | .0041    | .00611   | .0018    | .00130 | .001    | .00044   |  |
| %RSD   | .78705   | .07961   | 30.458   | .06443   | 2.2455 | .0085   | .70626   |  |

|    |          |          |          |          |        |         |          |  |
|----|----------|----------|----------|----------|--------|---------|----------|--|
| #1 | k .78475 | k 5.1305 | k .01573 | k 2.8063 | .05874 | k 6.372 | k .06277 |  |
| #2 | .79353   | 5.1363   | .02437   | 2.8089   | .05691 | 6.372   | .06215   |  |

Sample Name: I5178-06      Acquired: 9/11/2017 19:25:30      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: TEC-COMP-7-9      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       | 3126.1  | ^ ***** | 7188.8  | 91.086 | 3101.3 |
| Stddev    | 6.4     | -----   | 11.5    | 1.070  | 10.2   |
| %RSD      | .20449  | -----   | .15992  | 1.1748 | .32920 |
| #1        | 3121.6  | ^ ----- | 7197.0  | 91.843 | 3094.1 |
| #2        | 3130.6  | 44764.  | 7180.7  | 90.329 | 3108.5 |

Sample Name: I5178-07      Acquired: 9/11/2017 19:29:26      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: TEC-COMP-9-1      Custom ID2:      Custom ID3:  
Comment:

|        |        |         |        |        |        |        |        |        |
|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908  | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02404 | -.00423 | 4.1543 | .03451 | .00309 | 33.622 | .98565 | .00449 |
| Stddev | .00152 | .00130  | .0083  | .00439 | .00358 | .135   | .00182 | .00003 |
| %RSD   | 6.3199 | 30.837  | .19937 | 12.708 | 115.82 | .21255 | .18506 | .63494 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .02297 | -.00515 | 4.1602 | .03761 | .00056 | 63.717 | .98694 | .00447 |
| #2 | .02512 | -.00331 | 4.1485 | .03141 | .00563 | 63.526 | .98436 | .00451 |

|        |         |        |        |        |        |        |        |        |
|--------|---------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265  | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | -.00104 | 18.986 | .15122 | .06505 | .12638 | 177.53 | 3.2367 | 22.718 |
| Stddev | .00027  | .075   | .00053 | .00034 | .00108 | 1.64   | .0048  | .110   |
| %RSD   | 25.778  | .39524 | .35332 | .51690 | .85077 | .92342 | .14933 | .48577 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | -.00123 | 18.933 | .15160 | .06481 | .12562 | 178.69 | 3.2401 | 22.640 |
| #2 | -.00085 | 19.039 | .15084 | .06529 | .12714 | 176.38 | 3.2333 | 22.796 |

|        |        |         |        |        |        |        |        |        |
|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280  | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .18116 | -.00777 | 2.1650 | .19681 | .39772 | 7.2943 | .00077 | .09134 |
| Stddev | .00003 | .00020  | .0212  | .00037 | .00439 | .0069  | .00005 | .00643 |
| %RSD   | .01604 | 2.5569  | .98117 | .18791 | 1.1032 | .09495 | 7.1369 | 7.0374 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .18118 | -.00791 | 2.1499 | .19655 | .40082 | 7.2894 | .00073 | .09588 |
| #2 | .18114 | -.00763 | 2.1800 | .19707 | .39462 | 7.2992 | .00080 | .08679 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | 1.8094 | 3.3018 | .02385 | 2.8159 | .05734 | 3.092  | .08479 |  |
| Stddev | .0097  | .0410  | .00108 | .0028  | .00097 | .004   | .00009 |  |
| %RSD   | .53305 | 1.2423 | 4.5188 | .09987 | 1.6992 | .0569  | .10738 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | 1.8162 | 3.2728 | .02309 | 2.8139 | .05665 | 6.095 | .08473 |  |
| #2 | 1.8026 | 3.3308 | .02461 | 2.8179 | .05803 | 6.090 | .08486 |  |



Sample Name: I5178-07      Acquired: 9/11/2017 19:29:26      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: TEC-COMP-9-1 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       | 3085.6  | 44328.  | 7122.0  | 30.564 | 3087.6 |
| Stddev    | .4      | 173.    | 1.0     | .925   | 5.5    |
| %RSD      | .01169  | .39080  | .01448  | 1.0210 | .17670 |
| #1        | 3085.4  | 44206.  | 7121.2  | 89.910 | 3083.7 |
| #2        | 3085.9  | 44451.  | 7122.7  | 91.218 | 3091.4 |

Sample Name: I5178-08      Acquired: 9/11/2017 19:33:29      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: TEC-COMP-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    | .01906  | .00426  | .12213 | .03735 | .00487 | 57.558 | .31261 | .00429 |
| Stddev | .00355  | .00034  | .00112 | .00022 | .00110 | 1.774  | .00071 | .00023 |
| %RSD   | 18.634  | 7.9989  | .92103 | .58291 | 22.666 | 3.0828 | .22622 | 5.3943 |
| #1     | .01655  | -.00402 | .12133 | .03750 | .00565 | 58.813 | .31211 | .00445 |
| #2     | .02158  | -.00450 | .12292 | .03719 | .00409 | 56.304 | .31311 | .00413 |
| Elem   | Cd2265  | Ca3736  | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm     | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00151  | 10.767  | .11425 | .06561 | .11969 | 180.28 | 3.9502 | 19.024 |
| Stddev | .00049  | .009    | .00315 | .00059 | .00157 | 3.63   | .1299  | .059   |
| %RSD   | 32.688  | .08144  | 2.7564 | .89767 | 1.3083 | 2.0151 | 3.2876 | .31242 |
| #1     | -.00116 | 10.774  | .11648 | .06603 | .12080 | 177.71 | 4.0421 | 18.982 |
| #2     | -.00186 | 10.761  | .11202 | .06520 | .11859 | 182.85 | 3.8584 | 19.066 |
| Elem   | Ni2316  | Ag3280  | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm     | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .17392  | .00757  | 1.7570 | .17391 | .25462 | 5.8957 | .00061 | .10124 |
| Stddev | .00118  | .00134  | .0039  | .00589 | .00611 | .0288  | .00019 | .01137 |
| %RSD   | .68051  | 17.742  | .22272 | 3.3880 | 2.3983 | .48873 | 31.031 | 11.235 |
| #1     | .17476  | -.00851 | 1.7598 | .17807 | .25031 | 5.8753 | .00047 | .09320 |
| #2     | .17308  | -.00662 | 1.7542 | .16974 | .25894 | 5.9161 | .00074 | .10928 |
| Elem   | S_1820  | Si2881  | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |        |
| Units  | ppm     | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    |        |
| Avg    | .48337  | 4.7190  | .01171 | 2.5187 | .04821 | 5.681  | .04624 |        |
| Stddev | .00342  | .0160   | .00076 | .0060  | .00058 | .021   | .00019 |        |
| %RSD   | .70708  | .33920  | 6.4997 | .23839 | 1.2029 | .3723  | .41820 |        |
| #1     | .48578  | 4.7077  | .01117 | 2.5145 | .04780 | 5.696  | .04611 |        |
| #2     | .48095  | 4.7303  | .01225 | 2.5230 | .04862 | 5.666  | .04638 |        |

Sample Name: I5178-08      Acquired: 9/11/2017 19:33:29      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: TEC-COMP-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       | 3125.0  | 46055.  | 7183.7  | 39.820 | 3100.3 |
| Stddev    | 10.0    | 1337.   | 14.0    | 1.797  | 5.9    |
| %RSD      | .32121  | 2.9035  | .19535  | 2.0002 | .19159 |
| #1        | 3117.9  | 45110.  | 7193.6  | 91.091 | 3096.1 |
| #2        | 3132.1  | 47001.  | 7173.8  | 88.550 | 3104.5 |

Sample Name: I5164-01      Acquired: 9/11/2017 19:37:33      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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    | .05525 | -.00228 | .01146 | -.01215 | .00027 | .01159 | .12350 | -.00007 |
| Stddev | .00106 | .00077  | .00059 | .00192  | .00194 | .00042 | .00030 | .00003  |
| %RSD   | 1.9184 | 33.883  | 5.1336 | 15.814  | 717.85 | 3.5826 | .24099 | 49.829  |

|    |        |         |        |         |         |        |        |         |
|----|--------|---------|--------|---------|---------|--------|--------|---------|
| #1 | .05450 | -.00173 | .01104 | -.01080 | .00164  | .01130 | .12329 | -.00004 |
| #2 | .05600 | -.00282 | .01187 | -.01351 | -.00110 | .01188 | .12371 | -.00009 |

|        |         |        |        |         |        |        |        |        |
|--------|---------|--------|--------|---------|--------|--------|--------|--------|
| Elem   | Cd2265  | Ca3736 | Cr2677 | Co2286  | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm     | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    |
| Avg    | -.00001 | 134.31 | .01706 | -.00007 | .07450 | .09905 | .42101 | 25.914 |
| Stddev | .00004  | .04    | .00004 | .00002  | .00096 | .01497 | .00126 | .172   |
| %RSD   | 676.23  | .02992 | .26105 | 24.915  | 1.2824 | 15.112 | .29871 | .66530 |

|    |         |        |        |         |        |        |        |        |
|----|---------|--------|--------|---------|--------|--------|--------|--------|
| #1 | -.00004 | 134.28 | .01709 | -.00006 | .07518 | .10963 | .42012 | 25.792 |
| #2 | .00002  | 134.34 | .01703 | -.00008 | .07383 | .08846 | .42190 | 26.036 |

|        |        |         |        |        |        |        |        |        |
|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280  | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00135 | -.00106 | 37.365 | .00476 | .21610 | 3.6859 | .00228 | .03784 |
| Stddev | .00019 | .00022  | .055   | .00081 | .00405 | .0094  | .00041 | .00540 |
| %RSD   | 14.239 | 20.885  | .14692 | 17.056 | 1.8747 | .10814 | 18.001 | 14.282 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .00121 | -.00122 | 37.326 | .00418 | .21324 | 8.6793 | .00257 | .03402 |
| #2 | .00148 | -.00091 | 37.404 | .00533 | .21897 | 8.6926 | .00199 | .04166 |

|        |        |        |        |         |        |        |        |
|--------|--------|--------|--------|---------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361  | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    |
| Avg    | 48.509 | 3.2894 | .00029 | -.00153 | .01210 | .1762  | .83740 |
| Stddev | .083   | .0030  | .00060 | .00081  | .00121 | .0004  | .00075 |
| %RSD   | .17167 | .03583 | 208.89 | 53.077  | 10.008 | .2447  | .08928 |

|    |        |        |         |         |        |       |        |
|----|--------|--------|---------|---------|--------|-------|--------|
| #1 | 48.568 | 8.2915 | .00071  | -.00211 | .01296 | .1759 | .83688 |
| #2 | 48.450 | 8.2873 | -.00014 | -.00096 | .01125 | .1765 | .83793 |

Sample Name: I5164-01      Acquired: 9/11/2017 19:37:33      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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       | 2727.2  | 39094.  | 3206.3  | 38.457 | 3037.9 |
| Stddev    | 8.9     | 34.     | 25.3    | 1.148  | 11.5   |
| %RSD      | .32725  | .08792  | .40773  | 1.2974 | .37980 |
| #1        | 2720.9  | 39070.  | 6224.2  | 89.269 | 3029.8 |
| #2        | 2733.5  | 39118.  | 6188.4  | 87.646 | 3046.1 |

Sample Name: I5174-01      Acquired: 9/11/2017 19:41:41      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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    | .00899 | -.00152 | -.00095 | -.05009 | .00029 | 1.6931 | .14398 | .00040 |
| Stddev | .00237 | .00057  | .00144  | .00007  | .00633 | .0196  | .00065 | .00006 |
| %RSD   | 26.403 | 37.254  | 151.86  | .14603  | 2163.3 | 1.1573 | .44918 | 15.770 |

|    |        |         |         |         |         |        |        |        |
|----|--------|---------|---------|---------|---------|--------|--------|--------|
| #1 | .00731 | -.00112 | .00007  | -.05004 | -.00419 | 1.7069 | .14444 | .00036 |
| #2 | .01067 | -.00192 | -.00196 | -.05014 | .00477  | 1.6792 | .14353 | .00045 |

|        |         |        |        |        |        |        |        |        |
|--------|---------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265  | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | -.00021 | 490.34 | .17256 | .00342 | .00497 | 1.5790 | .07546 | 1580.1 |
| Stddev | .00009  | 1.86   | .00182 | .00016 | .00020 | .0449  | .00041 | 5.8    |
| %RSD   | 41.234  | .38030 | 1.0546 | 4.7824 | 4.0252 | 2.8414 | .54219 | .36444 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | -.00028 | 491.66 | .17384 | .00353 | .00511 | 1.6107 | .07517 | 1584.2 |
| #2 | -.00015 | 489.02 | .17127 | .00330 | .00483 | 1.5473 | .07575 | 1576.0 |

|        |        |        |         |        |        |        |        |        |
|--------|--------|--------|---------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895  | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .05559 | .00008 | ^ ***** | .01093 | .01992 | 313.24 | .01811 | 5.8006 |
| Stddev | .00008 | .00053 | -----   | .00003 | .00069 | 2.51   | .00025 | .0108  |
| %RSD   | .15132 | 668.33 | -----   | .29874 | 3.4865 | .40950 | 1.4071 | .18617 |

|    |        |         |         |        |        |        |        |        |
|----|--------|---------|---------|--------|--------|--------|--------|--------|
| #1 | .05565 | -.00029 | ^ ----- | .01091 | .02041 | 615.01 | .01793 | 5.8082 |
| #2 | .05553 | .00045  | ^ ----- | .01096 | .01943 | 611.46 | .01829 | 5.7929 |

|        |         |        |        |        |        |        |        |  |
|--------|---------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820  | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | F1288.5 | 4.1066 | .00094 | .01644 | 2.0091 | .1206  | 10.072 |  |
| Stddev | 2.3     | .0063  | .00004 | .00096 | .0494  | .0054  | .041   |  |
| %RSD   | .17846  | .15225 | 4.4207 | 5.8580 | 2.4609 | 4.473  | .40457 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | 1290.1 | 4.1022 | .00091 | .01576 | 1.9741 | .1168 | 10.044 |  |
| #2 | 1286.8 | 4.1110 | .00097 | .01712 | 2.0441 | .1245 | 10.101 |  |

Sample Name: I5174-01      Acquired: 9/11/2017 19:41:41      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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       | 1907.0  | 25415.  | 5136.6  | 39.927 | 1774.6 |
| Stddev    | 2.3     | 62.     | 21.8    | 2.031  | 3.4    |
| %RSD      | .11944  | .24310  | .42426  | 2.9038 | .19303 |
| #1        | 1905.4  | 25458.  | 5121.2  | 68.491 | 1772.1 |
| #2        | 1908.6  | 25371.  | 5152.0  | 71.362 | 1777.0 |

Sample Name: I5174-02      Acquired: 9/11/2017 19:45:58      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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    | .00828 | .00240 | .00494 | .04598 | .00353 | .92986 | .16676 | .00010 |
| Stddev | .00460 | .00096 | .00154 | .00180 | .00072 | .00736 | .00182 | .00006 |
| %RSD   | 55.609 | 40.134 | 31.140 | 3.9228 | 20.489 | .79118 | 1.0908 | 58.343 |

|    |        |         |        |         |        |        |        |        |
|----|--------|---------|--------|---------|--------|--------|--------|--------|
| #1 | .01153 | -.00172 | .00386 | -.04725 | .00302 | .93506 | .16547 | .00014 |
| #2 | .00502 | -.00309 | .00603 | -.04470 | .00404 | .92465 | .16804 | .00006 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00007 | 493.78 | .00126 | .00225 | .13146 | .08970 | .05896 | 1585.6 |
| Stddev | .00011 | 3.09   | .00015 | .00000 | .00003 | .00219 | .00038 | 14.6   |
| %RSD   | 161.38 | .62584 | 11.888 | .06398 | .02544 | 2.4444 | .64637 | .91977 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | -.00001 | 491.60 | .00136 | .00224 | .13144 | .08815 | .05869 | 1575.3 |
| #2 | .00015  | 495.97 | .00115 | .00225 | .13148 | .09125 | .05923 | 1596.0 |

|        |        |        |          |        |        |        |        |        |
|--------|--------|--------|----------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895   | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm      | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00395 | .00046 | ^ t***** | .00638 | .12338 | 309.62 | .01640 | 5.8601 |
| Stddev | .00073 | .00021 | -----    | .00031 | .00179 | 3.86   | .00008 | .0255  |
| %RSD   | 18.580 | 45.373 | -----    | 4.9100 | 1.4544 | .63285 | .51284 | .43451 |

|    |        |        |         |        |        |        |        |        |
|----|--------|--------|---------|--------|--------|--------|--------|--------|
| #1 | .00344 | .00031 | ^ ----- | .00616 | .12211 | 606.89 | .01634 | 5.8421 |
| #2 | .00447 | .00060 | ^ ----- | .00660 | .12464 | 612.35 | .01646 | 5.8781 |

|        |         |        |        |        |        |        |        |  |
|--------|---------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820  | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | F1290.0 | 2.2339 | .00625 | .01474 | .90904 | .0739  | 10.126 |  |
| Stddev | .2      | .0260  | .00110 | .00017 | .00502 | .0019  | .160   |  |
| %RSD   | .01663  | 1.1647 | 17.640 | 1.1360 | .55247 | 2.567  | 1.5785 |  |

|    |        |        |        |         |        |       |        |  |
|----|--------|--------|--------|---------|--------|-------|--------|--|
| #1 | 1290.2 | 2.2155 | .00547 | -.01462 | .91259 | .0726 | 10.013 |  |
| #2 | 1289.9 | 2.2523 | .00703 | -.01486 | .90549 | .0753 | 10.239 |  |



Sample Name: I5174-02      Acquired: 9/11/2017 19:45:58      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      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       | 1877.4  | 25061.  | 5064.2  | 38.704 | 1757.4 |
| Stddev    | .3      | 37.     | 7.4     | .802   | 2.5    |
| %RSD      | .01708  | .14771  | .14685  | 1.1674 | .14217 |
| #1        | 1877.2  | 25087.  | 5069.5  | 69.271 | 1755.6 |
| #2        | 1877.6  | 25034.  | 5059.0  | 68.137 | 1759.1 |

Sample Name: PB102192BL      Acquired: 9/11/2017 19:50:16      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: PBW      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00024 | .00062 | .00118 | .00183 | .00082 | .00068 | .00017 | .00007 |
| Stddev | .00255 | .00128 | .00117 | .00169 | .00003 | .01518 | .00018 | .00012 |
| %RSD   | 1074.4 | 207.90 | 99.239 | 92.381 | 3.0574 | 2244.0 | 104.52 | 184.09 |

|    |         |         |         |         |        |         |        |         |
|----|---------|---------|---------|---------|--------|---------|--------|---------|
| #1 | -.00156 | .00152  | -.00035 | -.00063 | .00080 | .01141  | .00030 | .00015  |
| #2 | .00204  | -.00029 | -.00201 | -.00302 | .00084 | -.01006 | .00004 | -.00002 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00004 | .01658 | .00006 | .00007 | .00023 | .00489 | .00004 | .02166 |
| Stddev | .00004 | .00346 | .00007 | .00022 | .00052 | .01720 | .00002 | .00940 |
| %RSD   | 108.61 | 20.838 | 124.52 | 316.92 | 223.95 | 351.83 | 42.385 | 43.385 |

|    |        |        |         |         |         |         |         |        |
|----|--------|--------|---------|---------|---------|---------|---------|--------|
| #1 | .00001 | .01902 | -.00010 | -.00008 | -.00060 | -.00728 | -.00003 | .02831 |
| #2 | .00007 | .01414 | -.00001 | .00022  | .00014  | .01705  | -.00005 | .01502 |

|        |        |        |          |        |        |          |        |        |
|--------|--------|--------|----------|--------|--------|----------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895   | V_2924 | Zn2138 | K_7664   | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm      | ppm    | ppm    | ppm      | ppm    | ppm    |
| Avg    | .00011 | .00067 | F 3.0500 | .00034 | .00016 | F .58071 | .00009 | .00504 |
| Stddev | .00002 | .00016 | .5034    | .00035 | .00000 | .02550   | .00012 | .00258 |
| %RSD   | 16.106 | 23.335 | 8.3204   | 103.82 | 1.2200 | 4.3909   | 139.81 | 51.250 |

|    |         |         |        |        |         |        |        |         |
|----|---------|---------|--------|--------|---------|--------|--------|---------|
| #1 | -.00010 | -.00078 | 6.4060 | .00059 | -.00016 | .59874 | .00018 | -.00322 |
| #2 | -.00012 | -.00056 | 5.6941 | .00009 | -.00016 | .56268 | .00000 | -.00687 |

|        |          |        |        |        |          |        |        |  |
|--------|----------|--------|--------|--------|----------|--------|--------|--|
| Elem   | S_1820   | Si2881 | Sn1899 | Ti3361 | Li6707   | P_1774 | Sr4077 |  |
| Units  | ppm      | ppm    | ppm    | ppm    | ppm      | ppm    | ppm    |  |
| Avg    | F .00663 | .00634 | .00028 | .00052 | F .01322 | .00006 | .00001 |  |
| Stddev | .00291   | .00692 | .00004 | .00057 | .00075   | .00006 | .00001 |  |
| %RSD   | 43.938   | 109.10 | 14.311 | 108.46 | 5.6701   | 100.8  | 62.813 |  |

|    |        |         |        |         |        |        |         |  |
|----|--------|---------|--------|---------|--------|--------|---------|--|
| #1 | .00457 | -.01124 | .00025 | -.00012 | .01375 | -.0002 | -.00001 |  |
| #2 | .00869 | -.00145 | .00031 | -.00092 | .01269 | -.0010 | -.00002 |  |

Sample Name: PB102192BL      Acquired: 9/11/2017 19:50:16      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: PBW      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       | 2952.6  | 42021.  | 5389.7  | 30.336 | 3329.7 |
| Stddev    | 10.0    | 90.     | 46.7    | 1.209  | .4     |
| %RSD      | .33834  | .21365  | .73017  | 1.3382 | .01206 |
| #1        | 2945.6  | 41958.  | 6356.7  | 89.481 | 3329.4 |
| #2        | 2959.7  | 42085.  | 6422.7  | 91.191 | 3329.9 |

Sample Name: PB102192BS      Acquired: 9/11/2017 19:54:28      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: LCSW      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .72883 | 1.8905 | .88038 | 1.8512 | .71069 | 1.8033 | .19492 | .19211 |
| Stddev | .00497 | .0014  | .00109 | .0010  | .00151 | .0227  | .00107 | .00034 |
| %RSD   | .68131 | .07621 | .12359 | .05364 | .21189 | 1.2614 | .55042 | .17932 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .73234 | 1.8915 | .88114 | 1.8505 | .71176 | 1.8194 | .19568 | .19235 |
| #2 | .72532 | 1.8895 | .87961 | 1.8519 | .70963 | 1.7872 | .19416 | .19187 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .18083 | 1.0022 | .39674 | .17915 | .28909 | 2.6570 | .19629 | 1.8758 |
| Stddev | .00044 | .0174  | .00243 | .00036 | .00160 | .0578  | .00035 | .0301  |
| %RSD   | .24378 | 1.7342 | .61132 | .19994 | .55445 | 2.1741 | .17930 | 1.6038 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .18114 | .98995 | .39502 | .17890 | .29022 | 2.6978 | .19604 | 1.8971 |
| #2 | .18052 | 1.0145 | .39845 | .17941 | .28795 | 2.6161 | .19654 | 1.8546 |

|        |        |        |          |        |        |        |        |        |
|--------|--------|--------|----------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895   | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm      | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .46584 | .06756 | F 4.9093 | .28527 | .18764 | 10.008 | .36380 | .29812 |
| Stddev | .00014 | .00056 | .0948    | .00003 | .00316 | .013   | .00036 | .00826 |
| %RSD   | .02906 | .83065 | 1.9302   | .01156 | 1.6832 | .12994 | .09975 | 2.7707 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .46594 | .06716 | 4.9763 | .28529 | .18987 | 9.9985 | .36405 | .29228 |
| #2 | .46575 | .06796 | 4.8423 | .28524 | .18541 | 10.017 | .36354 | .30396 |

|        |          |        |        |        |        |        |        |  |
|--------|----------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820   | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm      | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | F .00140 | .85421 | .61292 | .19237 | .19900 | 5.605  | .19979 |  |
| Stddev | .00404   | .02452 | .00215 | .00086 | .00037 | .000   | .00088 |  |
| %RSD   | 289.73   | 2.8699 | .35041 | .44483 | .18610 | .0059  | .44167 |  |

|    |         |        |        |        |        |       |        |  |
|----|---------|--------|--------|--------|--------|-------|--------|--|
| #1 | -.00146 | .83687 | .61140 | .19298 | .19927 | 5.605 | .20041 |  |
| #2 | .00425  | .87154 | .61444 | .19177 | .19874 | 5.605 | .19916 |  |

Sample Name: PB102192BS      Acquired: 9/11/2017 19:54:28      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: LCSW      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       | 2922.1  | 41473.  | 6356.1  | 92.181 | 3290.2 |
| Stddev    | 9.4     | 103.    | 24.0    | 1.549  | 5.7    |
| %RSD      | .32061  | .24742  | .37731  | 1.6803 | .17439 |
| #1        | 2915.5  | 41400.  | 6373.0  | 91.086 | 3286.1 |
| #2        | 2928.8  | 41545.  | 6339.1  | 93.277 | 3294.3 |

Sample Name: I5155-01      Acquired: 9/11/2017 19:58:28      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: 324-0001      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00232 | .00115 | .00123 | .00134 | .01595 | .06107 | .06794 | .00054 |
| Stddev | .00363 | .00100 | .00017 | .00129 | .00250 | .00145 | .00068 | .00008 |
| %RSD   | 156.37 | 87.684 | 13.697 | 96.483 | 15.688 | 2.3666 | .99930 | 14.820 |

|    |         |         |        |         |         |        |        |        |
|----|---------|---------|--------|---------|---------|--------|--------|--------|
| #1 | -.00488 | -.00044 | .00135 | -.00225 | -.01418 | .06209 | .06746 | .00049 |
| #2 | .00025  | -.00186 | .00111 | -.00042 | -.01772 | .06005 | .06842 | .00060 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00015 | 19.556 | 3.2927 | .02721 | .01895 | .01329 | .11042 | 3.1453 |
| Stddev | .00004 | .001   | .0012  | .00022 | .00024 | .00052 | .00015 | .1031  |
| %RSD   | 28.087 | .00285 | .03732 | .80667 | 1.2925 | 3.8999 | .13870 | 1.1269 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00018 | 19.556 | 3.2919 | .02737 | .01912 | .01366 | .11053 | 9.0724 |
| #2 | .00012 | 19.556 | 3.2936 | .02706 | .01878 | .01293 | .11031 | 9.2182 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .03942 | .00119 | 21.163 | .00152 | .08131 | 5.6253 | .00048 | .02387 |
| Stddev | .00017 | .00006 | .094   | .00063 | .00085 | .0134  | .00015 | .00392 |
| %RSD   | .43140 | 5.4127 | .44268 | 41.676 | 1.0400 | .23806 | 30.273 | 16.416 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .03954 | -.00124 | 21.096 | .00107 | .08072 | 5.6348 | .00038 | .02664 |
| #2 | .03930 | -.00115 | 21.229 | .00197 | .08191 | 5.6158 | .00058 | .02110 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 10.599 | 4.5409 | .00086 | .00085 | .02141 | .0122  | .24801 |
| Stddev | .006   | .0330  | .00025 | .00049 | .00138 | .0004  | .00081 |
| %RSD   | .05863 | .72761 | 29.072 | 57.779 | 6.4554 | 3.654  | .32850 |

|    |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|-------|--------|
| #1 | 10.603 | 4.5175 | .00104 | .00120 | .02238 | .0125 | .24743 |
| #2 | 10.595 | 4.5642 | .00068 | .00050 | .02043 | .0119 | .24858 |

Sample Name: I5155-01      Acquired: 9/11/2017 19:58:28      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: 324-0001      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       | 2834.8  | 40863.  | 6448.0  | 91.595 | 3223.5 |
| Stddev    | 9.7     | 24.     | 8.7     | .726   | 9.9    |
| %RSD      | .34218  | .05991  | .13448  | .79241 | .30789 |
|           |         |         |         |        |        |
| #1        | 2828.0  | 40881.  | 6441.9  | 92.108 | 3216.5 |
| #2        | 2841.7  | 40846.  | 6454.1  | 91.082 | 3230.5 |

Sample Name: CCV10      Acquired: 9/11/2017 20:02:46      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: CCV10      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    | 4.8782 | 5.0165 | 4.7663 | 4.9434 | 4.8171 | 3.7514 | 3.8348 | .25426 | 2.4191 |
| Stddev | .0084  | .0051  | .0010  | .0084  | .0085  | .0173  | .0942  | .00004 | .0017  |
| %RSD   | .17243 | .10141 | .02136 | .17031 | .17689 | .17688 | .95750 | .01602 | .06809 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 4.8841 | 5.0129 | 4.7671 | 4.9374 | 4.8111 | 9.7392 | 9.7683 | .25423 | 2.4180 |
| #2 | 4.8722 | 5.0201 | 4.7656 | 4.9493 | 4.8231 | 9.7636 | 9.9014 | .25429 | 2.4203 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 24.995 | 1.0249 | 2.3896 | 1.2304 | 4.6464 | 2.5021 | 24.240 | 2.4617 | 1.2502 |
| Stddev | .068   | .0015  | .0031  | .0035  | .1820  | .0002  | .105   | .0003  | .0032  |
| %RSD   | .27033 | .15113 | .13135 | .28210 | 3.9170 | .00837 | .43477 | .01358 | .25165 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 24.947 | 1.0239 | 2.3874 | 1.2279 | 4.7751 | 2.5023 | 24.165 | 2.4614 | 1.2480 |
| #2 | 25.043 | 1.0260 | 2.3918 | 1.2328 | 4.5178 | 2.5020 | 24.314 | 2.4619 | 1.2524 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 24.926 | 2.4853 | 2.4230 | 25.276 | 4.8395 | 5.1711 | 4.8306 | 5.1619 | 4.8299 |
| Stddev | .047   | .0043  | .0678  | .028   | .0101  | .0078  | .0081  | .0315  | .0025  |
| %RSD   | .18990 | .17166 | 2.7961 | .11121 | .20878 | .15141 | .16734 | .61098 | .05138 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 24.892 | 2.4823 | 2.4709 | 25.256 | 4.8324 | 5.1656 | 4.8364 | 5.1396 | 4.8317 |
| #2 | 24.959 | 2.4884 | 2.3751 | 25.295 | 4.8467 | 5.1766 | 4.8249 | 5.1842 | 4.8282 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 5.0461 | 5.0720 | 5.345  | 5.1201 |
| Stddev | .0217  | .0179  | .002   | .0610  |
| %RSD   | .42997 | .35355 | .0351  | 1.1920 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 5.0308 | 5.0593 | 5.343 | 5.0770 |
| #2 | 5.0615 | 5.0847 | 5.346 | 5.1633 |



Sample Name: CCV10      Acquired: 9/11/2017 20:02:46      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: CCV10      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       | 2868.0  | 40434.  | 3474.7  | 90.879 | 3109.5 |
| Stddev    | 2.2     | 64.     | 34.8    | 2.620  | 2.4    |
| %RSD      | .07500  | .15829  | .53767  | 2.8834 | .07875 |
| #1        | 2869.5  | 40389.  | 6499.3  | 89.026 | 3107.7 |
| #2        | 2866.5  | 40480.  | 6450.1  | 92.732 | 3111.2 |

Sample Name: LLCCV04      Acquired: 9/11/2017 20:06:50      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: CCB11638      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01914 | .04003 | .00953 | .01779 | .04958 | .09820 | .10077 | .00619 |
| Stddev | .00126 | .00043 | .00036 | .00147 | .00108 | .00279 | .00022 | .00009 |
| %RSD   | 6.5816 | 1.0621 | 3.7851 | 8.2692 | 2.1727 | 2.8454 | .21517 | 1.3767 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .01825 | .03973 | .00928 | .01883 | .04882 | .10017 | .10092 | .00625 |
| #2 | .02003 | .04033 | .00979 | .01675 | .05034 | .09622 | .10062 | .00613 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00607 | 2.0427 | .01065 | .02934 | .02109 | .08525 | .02117 | 1.9902 |
| Stddev | .00000 | .0005  | .00051 | .00025 | .00051 | .00208 | .00012 | .0278  |
| %RSD   | .06342 | .02337 | 4.8060 | .84772 | 2.4258 | 2.4373 | .54729 | 1.3972 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00606 | 2.0431 | .01101 | .02952 | .02145 | .08378 | .02125 | 1.9705 |
| #2 | .00607 | 2.0424 | .01029 | .02917 | .02073 | .08672 | .02109 | 2.0098 |

|        |        |        |          |        |        |        |        |        |
|--------|--------|--------|----------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895   | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm      | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .04004 | .00992 | F 2.7314 | .04109 | .03948 | 2.1353 | .20654 | .10906 |
| Stddev | .00022 | .00014 | .0350    | .00006 | .00029 | .0418  | .00009 | .01041 |
| %RSD   | .54154 | 1.4326 | 1.2806   | .14424 | .74194 | 1.9594 | .04598 | 9.5421 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .03989 | .01002 | 2.7562 | .04113 | .03969 | 2.1649 | .20661 | .10170 |
| #2 | .04019 | .00982 | 2.7067 | .04105 | .03928 | 2.1058 | .20647 | .11642 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .01450 | .34780 | .03987 | .04093 | .02122 | .0224  | .02339 |  |
| Stddev | .00293 | .00533 | .00036 | .00026 | .00035 | .0002  | .00004 |  |
| %RSD   | 20.179 | 1.5311 | .90198 | .63033 | 1.6421 | .8066  | .18153 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | .01657 | .34404 | .04012 | .04075 | .02146 | .0225 | .02342 |  |
| #2 | .01243 | .35157 | .03961 | .04111 | .02097 | .0223 | .02336 |  |

Sample Name: LLCCV04      Acquired: 9/11/2017 20:06:50      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: CCB11638      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       | 2937.0  | 41952.  | 3515.1  | 95.484 | 3325.5 |
| Stddev    | 2.3     | 181.    | 7.0     | .427   | .4     |
| %RSD      | .07976  | .43176  | .10671  | .44770 | .01320 |
| #1        | 2938.6  | 41824.  | 6510.2  | 95.182 | 3325.8 |
| #2        | 2935.3  | 42080.  | 6520.0  | 95.786 | 3325.2 |

Sample Name: CCB10      Acquired: 9/11/2017 20:16:50      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00331 | .00096 | .00094 | .00288 | .00114 | .00750 | .00086 |
| Stddev | .00170 | .00049 | .00114 | .00233 | .00073 | .00222 | .00043 |
| %RSD   | 51.393 | 51.059 | 121.38 | 80.926 | 64.260 | 29.640 | 49.480 |

|    |         |         |         |         |        |         |        |
|----|---------|---------|---------|---------|--------|---------|--------|
| #1 | -.00452 | -.00061 | -.00013 | -.00452 | .00062 | -.00593 | .00056 |
| #2 | -.00211 | -.00130 | -.00174 | -.00123 | .00166 | -.00907 | .00117 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00005 | .00002 | .00942 | .00015 | .00010 | .00034 | .00222 |
| Stddev | .00003 | .00006 | .00265 | .00019 | .00027 | .00054 | .00639 |
| %RSD   | 68.646 | 275.90 | 28.103 | 124.96 | 273.90 | 160.76 | 288.01 |

|    |        |         |        |         |         |         |         |
|----|--------|---------|--------|---------|---------|---------|---------|
| #1 | .00007 | .00006  | .00755 | -.00002 | -.00009 | -.00072 | .00230  |
| #2 | .00002 | -.00002 | .01129 | -.00028 | .00029  | .00005  | -.00674 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00003 | .00225 | .00025 | .00065 | .14629 | .00105 | .00004 |
| Stddev | .00006 | .03187 | .00028 | .00024 | .00803 | .00011 | .00006 |
| %RSD   | 199.89 | 1414.5 | 110.82 | 37.250 | 5.4901 | 10.810 | 140.71 |

|    |         |         |         |         |        |        |         |
|----|---------|---------|---------|---------|--------|--------|---------|
| #1 | .00008  | -.02478 | -.00045 | -.00082 | .14061 | .00114 | .00000  |
| #2 | -.00001 | .02028  | -.00006 | -.00048 | .15197 | .00097 | -.00009 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02069 | .00029 | .00250 | .00230 | .02372 | .00038 | .00050 |
| Stddev | .01069 | .00035 | .00321 | .00154 | .00941 | .00028 | .00015 |
| %RSD   | 51.662 | 120.64 | 128.51 | 66.854 | 39.650 | 74.381 | 29.113 |

|    |         |        |        |         |         |        |        |
|----|---------|--------|--------|---------|---------|--------|--------|
| #1 | -.01313 | .00054 | .00023 | -.00339 | -.01707 | .00058 | .00061 |
| #2 | -.02824 | .00004 | .00477 | -.00122 | -.03037 | .00018 | .00040 |

Sample Name: CCB10      Acquired: 9/11/2017 20:16:50      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                                           |        |        |
|--------|-------------------------------------------|--------|--------|
| Elem   | Li6707                                    | P_1774 | Sr4077 |
| Units  | ppm                                       | ppm    | ppm    |
| Avg    | <span style="color: red;">F</span> .01193 | .0021  | .00007 |
| Stddev | .00070                                    | .0001  | .00006 |
| %RSD   | 5.8684                                    | 2.966  | 82.813 |

|    |          |         |          |
|----|----------|---------|----------|
| #1 | -0.01143 | -0.0021 | -0.00011 |
| #2 | -0.01242 | -0.0020 | -0.00003 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 3009.6  | 43381.  | 3590.0  | 37.786 | 3420.4 |
| Stddev    | .5      | 170.    | 14.4    | .919   | .8     |
| %RSD      | .01822  | .39134  | .21821  | .94005 | .02464 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 3009.2 | 43261. | 6579.8 | 98.436 | 3421.0 |
| #2 | 3010.0 | 43501. | 6600.2 | 97.136 | 3419.8 |

Sample Name: I5155-02      Acquired: 9/11/2017 20:21:02      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: 324-0002      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 | .00217 | .00080 | .00067 | .01222 | .05779 | .06446 | .00056 |
| Stddev | .00436 | .00081 | .00062 | .00150 | .00056 | .00768 | .00048 | .00004 |
| %RSD   | 265.59 | 37.395 | 76.613 | 224.80 | 4.6218 | 13.298 | .75114 | 7.4688 |

|    |         |         |        |         |         |        |        |        |
|----|---------|---------|--------|---------|---------|--------|--------|--------|
| #1 | -.00473 | -.00274 | .00037 | .00039  | -.01262 | .05236 | .06412 | .00053 |
| #2 | .00144  | -.00159 | .00124 | -.00173 | -.01182 | .06323 | .06480 | .00059 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00008 | 18.633 | 3.0896 | .02603 | .01508 | .01788 | .10603 | 3.7456 |
| Stddev | .00000 | .040   | .0007  | .00033 | .00049 | .00917 | .00040 | .0541  |
| %RSD   | 4.5009 | .21629 | .02391 | 1.2838 | 3.2342 | 51.292 | .38002 | .61891 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00008 | 18.605 | 3.0902 | .02627 | .01473 | .01139 | .10575 | 8.7074 |
| #2 | .00008 | 18.662 | 3.0891 | .02579 | .01542 | .02436 | .10632 | 8.7839 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .03693 | .00068 | 20.244 | .00073 | .06278 | 5.2742 | .00061 | .02938 |
| Stddev | .00013 | .00029 | .072   | .00014 | .00000 | .0101  | .00043 | .00240 |
| %RSD   | .34122 | 42.898 | .35698 | 18.906 | .00792 | .19208 | 69.702 | 8.1726 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .03684 | -.00089 | 20.193 | .00063 | .06278 | 5.2670 | .00031 | .02769 |
| #2 | .03702 | -.00048 | 20.295 | .00083 | .06278 | 5.2813 | .00092 | .03108 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 10.026 | 4.2907 | .00115 | .00011 | .01969 | .0098  | .23172 |
| Stddev | .058   | .0258  | .00053 | .00219 | .00131 | .0013  | .00040 |
| %RSD   | .57611 | .60128 | 46.211 | 1999.4 | 6.6413 | 12.92  | .17074 |

|    |        |        |        |         |        |       |        |
|----|--------|--------|--------|---------|--------|-------|--------|
| #1 | 10.067 | 4.3089 | .00077 | -.00144 | .02062 | .0089 | .23144 |
| #2 | 9.9850 | 4.2725 | .00152 | .00166  | .01877 | .0106 | .23200 |

Sample Name: I5155-02      Acquired: 9/11/2017 20:21:02      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: 324-0002      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       | 2802.3  | 41112.  | 3460.4  | 92.237 | 3206.4 |
| Stddev    | 12.4    | 167.    | 22.4    | .150   | 12.2   |
| %RSD      | .44223  | .40629  | .34660  | .16233 | .38127 |
| #1        | 2793.6  | 40994.  | 6444.5  | 92.131 | 3197.7 |
| #2        | 2811.1  | 41230.  | 6476.2  | 92.343 | 3215.0 |

Sample Name: I5155-03      Acquired: 9/11/2017 20:25:03      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: 324-0003      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00245 | .00627 | .05501 | .00010 | .00775 | .12257 | .06590 | .00076 |
| Stddev | .00245 | .00247 | .00082 | .00208 | .00026 | .01009 | .00015 | .00010 |
| %RSD   | 99.742 | 39.334 | 1.4866 | 2088.9 | 3.3468 | 8.2325 | .22376 | 13.393 |

|    |         |         |        |         |         |        |        |        |
|----|---------|---------|--------|---------|---------|--------|--------|--------|
| #1 | -.00419 | -.00801 | .05559 | -.00157 | -.00757 | .12970 | .06579 | .00083 |
| #2 | -.00072 | -.00452 | .05443 | .00137  | -.00793 | .11543 | .06600 | .00068 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00009 | 18.233 | 3.2056 | .02679 | .04710 | .04190 | .10697 | 3.3172 |
| Stddev | .00004 | .030   | .0015  | .00030 | .00001 | .01096 | .00010 | .0294  |
| %RSD   | 43.598 | .16209 | .04776 | 1.1359 | .02081 | 26.160 | .09189 | .35361 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00011 | 18.212 | 3.2067 | .02657 | .04711 | .04965 | .10690 | 8.2964 |
| #2 | .00006 | 18.254 | 3.2045 | .02700 | .04709 | .03415 | .10704 | 8.3380 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .04323 | .00084 | 2133.4 | .00100 | .22261 | 7.4392 | .00032 | .03445 |
| Stddev | .00026 | .00004 | 32.5   | .00014 | .00098 | .1274  | .00010 | .00507 |
| %RSD   | .59710 | 4.2313 | 1.5218 | 13.689 | .44078 | 1.7120 | 30.700 | 14.731 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .04305 | -.00087 | 2156.3 | .00110 | .22330 | 7.3492 | .00025 | .03086 |
| #2 | .04341 | -.00082 | 2110.4 | .00091 | .22191 | 7.5293 | .00039 | .03803 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 11.776 | 4.4637 | .01030 | .00145 | .10800 | .0181  | .23390 |
| Stddev | .020   | .0002  | .00052 | .00055 | .01136 | .0019  | .00027 |
| %RSD   | .17009 | .00430 | 5.0535 | 38.001 | 10.514 | 10.63  | .11522 |

|    |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|-------|--------|
| #1 | 11.790 | 4.4636 | .00993 | .00106 | .09997 | .0167 | .23409 |
| #2 | 11.762 | 4.4639 | .01066 | .00184 | .11603 | .0194 | .23371 |



Sample Name: I5155-03      Acquired: 9/11/2017 20:25:03      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: 324-0003      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       | 2521.2  | 34108.  | 3205.4  | 36.930 | 2602.7 |
| Stddev    | 4.7     | 91.     | 10.6    | .745   | 7.0    |
| %RSD      | .18588  | .26826  | .17113  | .85728 | .26908 |
| #1        | 2517.9  | 34043.  | 6197.9  | 86.403 | 2597.7 |
| #2        | 2524.5  | 34173.  | 6212.9  | 87.457 | 2607.6 |

Sample Name: I5155-11      Acquired: 9/11/2017 20:29:17      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: 324-0004      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00412 | .00657 | .00778 | .00120 | .01150 | .12783 | .06648 | .00068 |
| Stddev | .00165 | .00055 | .00148 | .00017 | .00021 | .00281 | .00086 | .00010 |
| %RSD   | 40.044 | 8.3874 | 19.084 | 14.129 | 1.7884 | 2.1958 | 1.2901 | 15.386 |

|    |         |         |        |         |         |        |        |        |
|----|---------|---------|--------|---------|---------|--------|--------|--------|
| #1 | -.00528 | -.00618 | .00673 | -.00108 | -.01164 | .12584 | .06708 | .00060 |
| #2 | -.00295 | -.00696 | .00883 | -.00132 | -.01135 | .12981 | .06587 | .00075 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00017 | 18.346 | 3.2431 | .02656 | .02585 | .05142 | .10712 | 3.3129 |
| Stddev | .00000 | .038   | .0042  | .00039 | .00034 | .01722 | .00005 | .1134  |
| %RSD   | .65866 | .20650 | .13073 | 1.4547 | 1.3110 | 33.496 | .04460 | 1.3645 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00017 | 18.373 | 3.2401 | .02684 | .02609 | .06359 | .10716 | 8.2327 |
| #2 | .00017 | 18.319 | 3.2461 | .02629 | .02561 | .03924 | .10709 | 8.3931 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .04032 | .00056 | 2040.0 | .00141 | .07537 | 7.6799 | .00062 | .03386 |
| Stddev | .00024 | .00036 | 21.9   | .00073 | .00127 | .0532  | .00037 | .00237 |
| %RSD   | .60552 | 64.744 | 1.0748 | 51.366 | 1.6793 | .69204 | 60.056 | 7.0124 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .04015 | -.00030 | 2024.5 | .00090 | .07626 | 7.6423 | .00036 | .03554 |
| #2 | .04050 | -.00081 | 2055.5 | .00192 | .07447 | 7.7175 | .00089 | .03218 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 11.814 | 4.4978 | .00875 | .00206 | .12184 | .0166  | .23783 |
| Stddev | .036   | .0069  | .00068 | .00213 | .00585 | .0025  | .00050 |
| %RSD   | .30106 | .15407 | 7.7429 | 103.73 | 4.7976 | 14.86  | .21156 |

|    |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|-------|--------|
| #1 | 11.839 | 4.5027 | .00827 | .00356 | .11771 | .0184 | .23819 |
| #2 | 11.789 | 4.4929 | .00923 | .00055 | .12597 | .0149 | .23748 |

Sample Name: I5155-11      Acquired: 9/11/2017 20:29:17      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: 324-0004      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       | 2530.3  | 34079.  | 3177.0  | 38.588 | 2613.6 |
| Stddev    | 13.9    | 26.     | 3.1     | 1.673  | 13.5   |
| %RSD      | .55091  | .07675  | .04941  | 1.8890 | .51831 |
| #1        | 2520.4  | 34061.  | 6174.9  | 87.405 | 2604.0 |
| #2        | 2540.2  | 34098.  | 6179.2  | 89.771 | 2623.1 |

Sample Name: I5155-11DUP      Acquired: 9/11/2017 20:33:32      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: 324-0004DUP      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00202 | .00673 | .00974 | .00174 | .01202 | .13193 | .06620 | .00070 |
| Stddev | .00036 | .00219 | .00021 | .00054 | .00153 | .00211 | .00039 | .00003 |
| %RSD   | 17.756 | 32.625 | 2.1197 | 31.025 | 12.716 | 1.6002 | .58883 | 4.8021 |

|    |         |         |        |        |         |        |        |        |
|----|---------|---------|--------|--------|---------|--------|--------|--------|
| #1 | -.00176 | -.00517 | .00960 | .00136 | -.01094 | .13044 | .06593 | .00067 |
| #2 | -.00227 | -.00828 | .00989 | .00213 | -.01310 | .13342 | .06648 | .00072 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00006 | 18.241 | 3.2480 | .02709 | .02613 | .07129 | .10731 | 3.3176 |
| Stddev | .00000 | .031   | .0067  | .00027 | .00027 | .00196 | .00040 | .0245  |
| %RSD   | 3.3268 | .16839 | .20491 | 1.0059 | 1.0463 | 2.7450 | .36903 | .29454 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00006 | 18.219 | 3.2433 | .02690 | .02594 | .07268 | .10759 | 8.3003 |
| #2 | .00006 | 18.262 | 3.2527 | .02728 | .02632 | .06991 | .10703 | 8.3349 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .03990 | .00057 | 1946.0 | .00154 | .07616 | 7.5852 | .00029 | .04230 |
| Stddev | .00025 | .00018 | 11.1   | .00005 | .00193 | .0454  | .00017 | .00852 |
| %RSD   | .62385 | 31.828 | .56979 | 3.4791 | 2.5400 | .59791 | 60.318 | 20.134 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .04007 | -.00044 | 1953.9 | .00158 | .07753 | 7.5532 | .00041 | .03628 |
| #2 | .03972 | -.00070 | 1938.2 | .00151 | .07479 | 7.6173 | .00016 | .04832 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 11.859 | 4.4578 | .00856 | .00087 | .11427 | .0159  | .23638 |
| Stddev | .038   | .0461  | .00178 | .00060 | .00491 | .0009  | .00004 |
| %RSD   | .31949 | 1.0352 | 20.813 | 68.820 | 4.2993 | 5.861  | .01767 |

|    |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|-------|--------|
| #1 | 11.885 | 4.4251 | .00982 | .00129 | .11080 | .0152 | .23635 |
| #2 | 11.832 | 4.4904 | .00730 | .00045 | .11775 | .0165 | .23641 |

Sample Name: I5155-11DUP      Acquired: 9/11/2017 20:33:32      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: 324-0004DUP      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       | 2523.5  | 34094.  | 3256.5  | 37.675 | 2604.7 |
| Stddev    | 11.3    | 114.    | 14.5    | 2.679  | 13.0   |
| %RSD      | .44588  | .33569  | .23150  | 3.0556 | .50026 |
|           |         |         |         |        |        |
| #1        | 2515.6  | 34013.  | 6266.7  | 85.780 | 2595.5 |
| #2        | 2531.5  | 34175.  | 6246.2  | 89.569 | 2613.9 |

Sample Name: I5155-11LX5      Acquired: 9/11/2017 20:37:46      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: 324-0004      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00133 | .00157 | .00094 | .00149 | .00073 | .01746 | .01437 | .00015 |
| Stddev | .00090 | .00226 | .00157 | .00489 | .00162 | .00337 | .00029 | .00016 |
| %RSD   | 68.088 | 143.58 | 167.32 | 328.04 | 220.93 | 19.321 | 2.0240 | 104.35 |

|    |         |         |         |         |         |        |        |        |
|----|---------|---------|---------|---------|---------|--------|--------|--------|
| #1 | -.00196 | .00002  | -.00017 | -.00197 | -.00041 | .01508 | .01417 | .00004 |
| #2 | -.00069 | -.00317 | .00204  | .00495  | .00188  | .01985 | .01458 | .00027 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00001 | 3.7437 | .64717 | .00528 | .00510 | .00671 | .02165 | 1.7714 |
| Stddev | .00002 | .0147  | .00124 | .00042 | .00008 | .00400 | .00008 | .0580  |
| %RSD   | 201.16 | .39403 | .19207 | 8.0045 | 1.5364 | 59.544 | .37095 | 3.2737 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00001  | 3.7541 | .64805 | .00498 | .00504 | .00389 | .02171 | 1.7304 |
| #2 | -.00003 | 3.7332 | .64629 | .00558 | .00515 | .00954 | .02159 | 1.8124 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00800 | .00124 | 460.93 | .00056 | .01629 | 1.5703 | .00057 | .00375 |
| Stddev | .00006 | .00010 | 3.11   | .00003 | .00019 | .0114  | .00006 | .00520 |
| %RSD   | .71495 | 7.7227 | .67555 | 4.9651 | 1.1483 | .72252 | 11.300 | 138.53 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .00804 | -.00117 | 458.73 | .00058 | .01616 | 1.5623 | .00061 | .00743 |
| #2 | .00796 | -.00131 | 463.13 | .00054 | .01643 | 1.5783 | .00052 | .00008 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.3290 | .90442 | .00238 | .00044 | .02722 | .0012  | .04755 |
| Stddev | .0008  | .02301 | .00135 | .00044 | .00162 | .0004  | .00023 |
| %RSD   | .03609 | 2.5438 | 56.636 | 101.74 | 5.9582 | 35.03  | .47539 |

|    |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|-------|--------|
| #1 | 2.3284 | .88815 | .00143 | .00012 | .02608 | .0009 | .04739 |
| #2 | 2.3296 | .92069 | .00334 | .00075 | .02837 | .0015 | .04771 |

Sample Name: I5155-11LX5      Acquired: 9/11/2017 20:37:46      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: 324-0004      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       | 2789.9  | 38300.  | 3362.4  | 30.373 | 2953.4 |
| Stddev    | 3.9     | 36.     | 20.3    | .559   | 7.7    |
| %RSD      | .13912  | .09515  | .31841  | .61883 | .26086 |
| #1        | 2787.2  | 38274.  | 6376.8  | 90.768 | 2947.9 |
| #2        | 2792.7  | 38326.  | 6348.1  | 89.977 | 2958.8 |

Sample Name: I5155-12      Acquired: 9/11/2017 20:42:02      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: I5155-11MS      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    | .88747 | 1.9204 | .95134 | 2.3705 | .78978 | 2.3993 | .27876 | .22542 | .20228 |
| Stddev | .00171 | .0010  | .00210 | .0110  | .00410 | .0100  | .00029 | .00016 | .00019 |
| %RSD   | .19295 | .05332 | .22039 | .46206 | .51870 | .41724 | .10440 | .06899 | .09569 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .88868 | 1.9211 | .94985 | 2.3782 | .79268 | 2.4064 | .27855 | .22553 | .20214 |
| #2 | .88626 | 1.9197 | .95282 | 2.3627 | .78688 | 2.3923 | .27897 | .22531 | .20242 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 19.833 | 3.6562 | .22686 | .30770 | 2.8685 | .31638 | 10.488 | .54959 | .08130 |
| Stddev | .040   | .0104  | .00020 | .00025 | .0743  | .00169 | .143   | .00043 | .00044 |
| %RSD   | .20329 | .28528 | .08691 | .08169 | 2.5920 | .53555 | 1.3601 | .07799 | .54531 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 19.805 | 3.6488 | .22673 | .30788 | 2.8160 | .31518 | 10.388 | .54928 | .08098 |
| #2 | 19.862 | 3.6636 | .22700 | .30752 | 2.9211 | .31757 | 10.589 | .54989 | .08161 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 2049.9 | .31904 | .26580 | 18.566 | .40061 | .34879 | 12.043 | 5.4401 | .69831 |
| Stddev | 3.9    | .00214 | .00966 | .173   | .00024 | .00573 | .007   | .0473  | .00138 |
| %RSD   | .18878 | .67017 | 3.6340 | .93075 | .06009 | 1.6429 | .05863 | .86965 | .19771 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2052.7 | .31752 | .25897 | 18.444 | .40078 | .35284 | 12.038 | 5.4067 | .69734 |
| #2 | 2047.2 | .32055 | .27263 | 18.688 | .40044 | .34474 | 12.048 | 5.4736 | .69929 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | .21133 | .32176 | 7.303  | .45387 |
| Stddev | .00273 | .00779 | .004   | .00171 |
| %RSD   | 1.2913 | 2.4201 | .0568  | .37571 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .20940 | .31625 | 7.306 | .45267 |
| #2 | .21326 | .32727 | 7.300 | .45508 |



Sample Name: I5155-12      Acquired: 9/11/2017 20:42:02      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: I5155-11MS      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       | 2515.8  | 34298.  | 3168.1  | 37.649 | 2588.2 |
| Stddev    | 7.7     | 2.      | 33.9    | 2.864  | 4.3    |
| %RSD      | .30420  | .00530  | .54969  | 3.2672 | .16772 |
| #1        | 2510.4  | 34297.  | 6192.1  | 89.674 | 2585.2 |
| #2        | 2521.2  | 34300.  | 6144.1  | 85.624 | 2591.3 |

Sample Name: I5155-13      Acquired: 9/11/2017 20:46:07      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: I5155-11MSD      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    | .88762 | 1.9195 | .95086 | 2.3824 | .79000 | 2.3954 | .27752 | .22487 | .20263 |
| Stddev | .00142 | .0048  | .00063 | .0167  | .00428 | .0291  | .00017 | .00010 | .00032 |
| %RSD   | .15991 | .25200 | .06634 | .69995 | .54179 | 1.2139 | .06265 | .04411 | .15932 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .88862 | 1.9229 | .95131 | 2.3942 | .79303 | 2.4160 | .27764 | .22495 | .20286 |
| #2 | .88661 | 1.9161 | .95042 | 2.3706 | .78698 | 2.3749 | .27740 | .22480 | .20240 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 19.792 | 3.6549 | .22607 | .30635 | 2.9244 | .31557 | 10.498 | .54941 | .08102 |
| Stddev | .090   | .0050  | .00005 | .00200 | .0408  | .00017 | .019   | .00011 | .00017 |
| %RSD   | .45489 | .13807 | .02008 | .65275 | 1.3945 | .05413 | .18270 | .01918 | .21214 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 19.728 | 3.6585 | .22611 | .30777 | 2.8955 | .31569 | 10.485 | .54948 | .08115 |
| #2 | 19.856 | 3.6514 | .22604 | .30494 | 2.9532 | .31545 | 10.512 | .54934 | .08090 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 1959.4 | .31839 | .27038 | 18.590 | .40257 | .34630 | 12.033 | 5.4882 | .70004 |
| Stddev | 21.3   | .00051 | .00428 | .066   | .00126 | .01432 | .066   | .0212  | .00207 |
| %RSD   | 1.0896 | .15891 | 1.5818 | .35266 | .31350 | 4.1348 | .55130 | .38629 | .29636 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1974.5 | .31803 | .26735 | 18.543 | .40346 | .35643 | 12.080 | 5.5032 | .70151 |
| #2 | 1944.3 | .31875 | .27340 | 18.636 | .40167 | .33618 | 11.986 | 5.4733 | .69858 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | .21151 | .32489 | 7.302  | .45373 |
| Stddev | .00151 | .00471 | .034   | .00005 |
| %RSD   | .71326 | 1.4509 | .4618  | .01051 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .21258 | .32156 | 7.325 | .45376 |
| #2 | .21045 | .32822 | 7.278 | .45369 |

Sample Name: I5155-13      Acquired: 9/11/2017 20:46:07      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: I5155-11MSD      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       | 2515.8 | 34384. | 3204.5 | 36.143 | 2591.1 |
| Stddev    | 16.4   | 82.    | 5.0    | 1.157  | 10.2   |
| %RSD      | .65358 | .23728 | .08017 | 1.3432 | .39458 |
| #1        | 2504.1 | 34326. | 6208.0 | 86.961 | 2583.9 |
| #2        | 2527.4 | 34441. | 6201.0 | 85.325 | 2598.4 |

Sample Name: I5155-11A      Acquired: 9/11/2017 20:50:11      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: 324-0004      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    | .79226 | 1.7279 | .85903 | 2.1392 | .71023 | 2.1616 | .25571 | .20377 | .18200 |
| Stddev | .00845 | .0070  | .00227 | .0080  | .00064 | .0100  | .00109 | .00047 | .00013 |
| %RSD   | 1.0661 | .40272 | .26392 | .37527 | .08951 | .46047 | .42462 | .22890 | .07137 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .78629 | 1.7328 | .86063 | 2.1448 | .71068 | 2.1686 | .25495 | .20410 | .18190 |
| #2 | .79824 | 1.7230 | .85743 | 2.1335 | .70978 | 2.1545 | .25648 | .20344 | .18209 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 19.088 | 3.5316 | .20498 | .27824 | 2.6449 | .29289 | 10.052 | .49690 | .07304 |
| Stddev | .146   | .0002  | .00101 | .00045 | .0301  | .00004 | .101   | .00097 | .00001 |
| %RSD   | .76627 | .00486 | .49354 | .16049 | 1.1379 | .01441 | 1.0035 | .19512 | .01382 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 18.985 | 3.5317 | .20427 | .27793 | 2.6236 | .29286 | 9.9805 | .49758 | .07305 |
| #2 | 19.192 | 3.5314 | .20570 | .27856 | 2.6661 | .29292 | 10.123 | .49621 | .07304 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 1889.4 | .28895 | .24969 | 17.260 | .36522 | .32562 | 11.637 | 5.2988 | .63451 |
| Stddev | 32.7   | .00211 | .00026 | .156   | .00055 | .00482 | .009   | .0068  | .00115 |
| %RSD   | 1.7320 | .73147 | .10496 | .90141 | .15116 | 1.4788 | .08118 | .12897 | .18160 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1866.2 | .29044 | .24950 | 17.150 | .36561 | .32221 | 11.644 | 5.2940 | .63533 |
| #2 | 1912.5 | .28745 | .24987 | 17.370 | .36483 | .32902 | 11.630 | 5.3036 | .63370 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | .19410 | .29716 | 6.577  | .42732 |
| Stddev | .00204 | .00435 | .011   | .00232 |
| %RSD   | 1.0502 | 1.4641 | .1658  | .54378 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .19266 | .29409 | 6.585 | .42567 |
| #2 | .19554 | .30024 | 6.570 | .42896 |

Sample Name: I5155-11A      Acquired: 9/11/2017 20:50:11      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: 324-0004      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       | 2525.7  | 34478.  | 3182.2  | 36.517 | 2605.9 |
| Stddev    | 7.7     | 14.     | 37.6    | .000   | 7.6    |
| %RSD      | .30502  | .04010  | .60827  | .00025 | .29341 |
| #1        | 2520.3  | 34487.  | 6208.8  | 86.517 | 2600.5 |
| #2        | 2531.2  | 34468.  | 6155.6  | 86.517 | 2611.3 |

Sample Name: I5155-14      Acquired: 9/11/2017 20:54:17      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: 324-0005      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00461 | .00539 | .01539 | .00454 | .01022 | .11699 | .06376 | .00060 |
| Stddev | .00504 | .00038 | .00242 | .00053 | .00009 | .00118 | .00033 | .00007 |
| %RSD   | 109.46 | 7.1377 | 15.726 | 11.746 | .92390 | 1.0045 | .51639 | 11.166 |

|    |         |         |        |        |         |        |        |        |
|----|---------|---------|--------|--------|---------|--------|--------|--------|
| #1 | -.00817 | -.00566 | .01710 | .00416 | -.01015 | .11616 | .06353 | .00064 |
| #2 | -.00104 | -.00512 | .01368 | .00491 | -.01029 | .11782 | .06400 | .00055 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00004 | 17.483 | 3.0760 | .02568 | .02893 | .03274 | .10242 | 3.0120 |
| Stddev | .00007 | .003   | .0109  | .00001 | .00046 | .00376 | .00022 | .0243  |
| %RSD   | 204.65 | .01824 | .35479 | .04524 | 1.5768 | 11.481 | .21210 | .30276 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | -.00002 | 17.480 | 3.0837 | .02567 | .02861 | .03008 | .10258 | 7.9948 |
| #2 | .00009  | 17.485 | 3.0683 | .02568 | .02925 | .03540 | .10227 | 8.0291 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .03815 | .00109 | 1830.3 | .00125 | .09998 | 7.1204 | .00029 | .03091 |
| Stddev | .00035 | .00075 | 3.4    | .00040 | .00315 | .0532  | .00020 | .01553 |
| %RSD   | .90741 | 68.610 | .18754 | 32.112 | 3.1516 | .74788 | 67.096 | 50.243 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .03840 | -.00056 | 1827.9 | .00097 | .09775 | 7.0827 | .00015 | .01993 |
| #2 | .03791 | -.00163 | 1832.7 | .00153 | .10221 | 7.1580 | .00043 | .04188 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 11.439 | 4.2612 | .00968 | .00158 | .09042 | .0149  | .22583 |
| Stddev | .037   | .0080  | .00001 | .00013 | .00385 | .0013  | .00048 |
| %RSD   | .31949 | .18712 | .06924 | 8.0054 | 4.2570 | 8.609  | .21245 |

|    |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|-------|--------|
| #1 | 11.413 | 4.2669 | .00968 | .00167 | .08770 | .0158 | .22617 |
| #2 | 11.465 | 4.2556 | .00967 | .00149 | .09314 | .0140 | .22549 |

Sample Name: I5155-14      Acquired: 9/11/2017 20:54:17      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: 324-0005      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       | 2523.3  | 34542.  | 3258.1  | 38.792 | 2616.2 |
| Stddev    | 2.4     | 136.    | 16.0    | 2.454  | 4.4    |
| %RSD      | .09552  | .39304  | .25500  | 2.7639 | .16797 |
| #1        | 2525.0  | 34446.  | 6246.9  | 90.528 | 2619.3 |
| #2        | 2521.6  | 34638.  | 6269.4  | 87.057 | 2613.1 |

Sample Name: I5155-22      Acquired: 9/11/2017 20:58:30      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: 324-0006      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00916 | .00720 | .00733 | .00095 | .01228 | .12586 | .06755 | .00074 |
| Stddev | .00370 | .00150 | .00155 | .00237 | .00149 | .00542 | .00016 | .00004 |
| %RSD   | 40.361 | 20.832 | 21.153 | 249.99 | 12.140 | 4.3064 | .23055 | 4.9434 |

|    |         |         |        |         |         |        |        |        |
|----|---------|---------|--------|---------|---------|--------|--------|--------|
| #1 | -.00655 | -.00614 | .00842 | .00262  | -.01333 | .12203 | .06766 | .00071 |
| #2 | -.01177 | -.00826 | .00623 | -.00073 | -.01123 | .12970 | .06744 | .00076 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00001 | 18.745 | 3.2553 | .02769 | .03004 | .03696 | .10902 | 3.5467 |
| Stddev | .00006 | .161   | .0137  | .00010 | .00062 | .01581 | .00006 | .1111  |
| %RSD   | 1075.2 | .85697 | .42096 | .34795 | 2.0496 | 42.789 | .05896 | 1.3000 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00005  | 18.632 | 3.2456 | .02776 | .02961 | .04814 | .10897 | 8.4681 |
| #2 | -.00004 | 18.859 | 3.2650 | .02762 | .03048 | .02578 | .10906 | 8.6253 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .03960 | .00059 | 1961.0 | .00094 | .08008 | 7.5574 | .00054 | .02652 |
| Stddev | .00003 | .00076 | 19.0   | .00053 | .00132 | .1091  | .00009 | .00415 |
| %RSD   | .07005 | 129.05 | .97000 | 56.075 | 1.6492 | 1.4431 | 17.682 | 15.634 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .03958 | -.00113 | 1947.5 | .00131 | .07915 | 7.4803 | .00047 | .02359 |
| #2 | .03962 | -.00005 | 1974.4 | .00057 | .08101 | 7.6345 | .00060 | .02946 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 12.121 | 4.5327 | .00911 | .00119 | .09493 | .0155  | .24001 |
| Stddev | .011   | .0188  | .00059 | .00022 | .00462 | .0000  | .00168 |
| %RSD   | .08863 | .41580 | 6.4557 | 18.286 | 4.8638 | .1070  | .69938 |

|    |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|-------|--------|
| #1 | 12.113 | 4.5460 | .00869 | .00135 | .09167 | .0155 | .23882 |
| #2 | 12.129 | 4.5194 | .00952 | .00104 | .09820 | .0155 | .24119 |



Sample Name: I5155-22      Acquired: 9/11/2017 20:58:30      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: 324-0006      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       | 2509.1  | 34406.  | 3252.4  | 37.196 | 2601.7 |
| Stddev    | 9.2     | 2.      | 32.6    | 1.103  | 2.7    |
| %RSD      | .36517  | .00600  | .52151  | 1.2646 | .10541 |
| #1        | 2502.6  | 34404.  | 6275.4  | 87.976 | 2599.7 |
| #2        | 2515.6  | 34407.  | 6229.3  | 86.416 | 2603.6 |

Sample Name: CCV11      Acquired: 9/11/2017 21:02:45      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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    | 4.8863 | 5.0401 | 4.7814 | 4.9446 | 4.8040 | 3.7198 | 3.8715 | .25436 | 2.4274 |
| Stddev | .0112  | .0132  | .0025  | .0098  | .0034  | .0379  | .0017  | .00077 | .0025  |
| %RSD   | .22999 | .26181 | .05230 | .19899 | .07156 | .38980 | .01723 | .30180 | .10192 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 4.8783 | 5.0308 | 4.7831 | 4.9376 | 4.8016 | 9.7466 | 9.8727 | .25382 | 2.4256 |
| #2 | 4.8942 | 5.0495 | 4.7796 | 4.9516 | 4.8064 | 9.6931 | 9.8703 | .25490 | 2.4291 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 25.013 | 1.0242 | 2.3998 | 1.2269 | 4.5169 | 2.5010 | 24.530 | 2.4803 | 1.2518 |
| Stddev | .003   | .0036  | .0006  | .0010  | .0045  | .0027  | .027   | .0046  | .0048  |
| %RSD   | .01330 | .35105 | .02436 | .08459 | .09861 | .10615 | .10925 | .18566 | .38627 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 25.011 | 1.0217 | 2.4002 | 1.2277 | 4.5201 | 2.4992 | 24.549 | 2.4836 | 1.2484 |
| #2 | 25.015 | 1.0268 | 2.3994 | 1.2262 | 4.5138 | 2.5029 | 24.511 | 2.4770 | 1.2552 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 24.794 | 2.4851 | 2.3587 | 25.251 | 4.8333 | 5.1987 | 4.8572 | 5.1332 | 4.8488 |
| Stddev | .029   | .0014  | .0160  | .021   | .0001  | .0063  | .0113  | .0528  | .0040  |
| %RSD   | .11720 | .05768 | .67929 | .08314 | .00315 | .12106 | .23266 | 1.0278 | .08330 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 24.773 | 2.4861 | 2.3700 | 25.266 | 4.8332 | 5.2031 | 4.8652 | 5.0959 | 4.8516 |
| #2 | 24.815 | 2.4841 | 2.3474 | 25.236 | 4.8334 | 5.1942 | 4.8492 | 5.1705 | 4.8459 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 5.0524 | 5.0576 | 5.373  | 5.1040 |
| Stddev | .0178  | .0224  | .015   | .0155  |
| %RSD   | .35249 | .44261 | .2772  | .30453 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 5.0649 | 5.0734 | 5.362 | 5.0930 |
| #2 | 5.0398 | 5.0418 | 5.383 | 5.1150 |

Sample Name: CCV11      Acquired: 9/11/2017 21:02:45      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      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       | 2884.7  | 40766.  | 3505.3  | 93.717 | 3112.4 |
| Stddev    | 7.3     | 80.     | 4.6     | .859   | 5.6    |
| %RSD      | .25273  | .19560  | .07000  | .91712 | .17884 |
|           |         |         |         |        |        |
| #1        | 2879.5  | 40709.  | 6502.1  | 93.109 | 3108.4 |
| #2        | 2889.9  | 40822.  | 6508.5  | 94.324 | 3116.3 |

Sample Name: CCB11      Acquired: 9/11/2017 21:06:48      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: CCV11638      Custom ID2:  
Comment:

Custom ID3:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00234 | .00129 | .00223 | .00106 | .00269 | .00373 | .00051 | .00000 |
| Stddev | .00301 | .00081 | .00022 | .00094 | .00193 | .00588 | .00005 | .0000  |
| %RSD   | 128.93 | 62.448 | 9.8511 | 88.136 | 71.791 | 157.72 | 8.9609 | 306.33 |

|    |         |        |         |         |        |         |        |         |
|----|---------|--------|---------|---------|--------|---------|--------|---------|
| #1 | -.00021 | .00186 | -.00239 | -.00172 | .00406 | .00043  | .00054 | .00000  |
| #2 | -.00447 | .00072 | -.00208 | -.00040 | .00133 | -.00788 | .00048 | -.00001 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00016 | .00207 | .00005 | .00006 | .00024 | .00103 | .00002 | .01099 |
| Stddev | .00014 | .00275 | .00031 | .00013 | .00048 | .01201 | .00002 | .00001 |
| %RSD   | 84.126 | 133.08 | 568.48 | 223.38 | 200.04 | 1167.4 | 148.60 | .11423 |

|    |        |        |         |         |         |         |         |        |
|----|--------|--------|---------|---------|---------|---------|---------|--------|
| #1 | .00007 | .00402 | .00027  | .00003  | .00010  | -.00747 | .00000  | .01098 |
| #2 | .00026 | .00012 | -.00016 | -.00015 | -.00058 | .00952  | -.00003 | .01100 |

|        |        |        |         |        |        |        |        |        |
|--------|--------|--------|---------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895  | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00022 | .00060 | F1.0300 | .00026 | .00038 | .07293 | .00286 | .00220 |
| Stddev | .00016 | .00033 | .0268   | .00019 | .00010 | .03642 | .00078 | .00931 |
| %RSD   | 70.659 | 54.835 | 2.6020  | 73.113 | 26.833 | 49.940 | 27.128 | 423.59 |

|    |         |         |        |        |        |        |        |         |
|----|---------|---------|--------|--------|--------|--------|--------|---------|
| #1 | -.00011 | -.00037 | 1.0489 | .00039 | .00031 | .04718 | .00341 | -.00878 |
| #2 | -.00033 | -.00083 | 1.0110 | .00013 | .00045 | .09868 | .00231 | .00439  |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .00023 | .01026 | .00145 | .00161 | .00080 | .0013  | .00003 |  |
| Stddev | .00137 | .00950 | .00039 | .00039 | .00036 | .0005  | .00000 |  |
| %RSD   | 602.70 | 92.601 | 26.702 | 23.988 | 45.687 | 38.31  | 17.568 |  |

|    |         |         |        |        |        |        |         |  |
|----|---------|---------|--------|--------|--------|--------|---------|--|
| #1 | .00120  | -.01698 | .00172 | .00188 | .00054 | -.0016 | -.00002 |  |
| #2 | -.00074 | -.00354 | .00117 | .00133 | .00105 | -.0009 | -.00003 |  |

Sample Name: CCB11      Acquired: 9/11/2017 21:06:48      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: CCV11638      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       | 2966.2  | 42330.  | 3547.0  | 93.341 | 3336.2 |
| Stddev    | 1.0     | 87.     | 13.3    | .058   | 2.3    |
| %RSD      | .03502  | .20597  | .20315  | .06198 | .06791 |
| #1        | 2967.0  | 42392.  | 6537.6  | 93.300 | 3334.5 |
| #2        | 2965.5  | 42269.  | 6556.4  | 93.382 | 3337.8 |

Sample Name: I5155-23      Acquired: 9/11/2017 21:11:00      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: 324-0007      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00516 | .00734 | .03347 | .00264 | .01139 | .13049 | .06550 | .00076 |
| Stddev | .00265 | .00091 | .00025 | .00227 | .00064 | .00447 | .00046 | .00007 |
| %RSD   | 51.253 | 12.339 | .75967 | 86.186 | 5.6257 | 3.4241 | .70636 | 9.3645 |

|    |         |         |        |        |         |        |        |        |
|----|---------|---------|--------|--------|---------|--------|--------|--------|
| #1 | -.00329 | -.00798 | .03365 | .00103 | -.01184 | .13364 | .06583 | .00081 |
| #2 | -.00703 | -.00670 | .03329 | .00425 | -.01094 | .12733 | .06517 | .00071 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00018 | 18.242 | 3.1851 | .02656 | .04372 | .03743 | .10661 | 3.3220 |
| Stddev | .00015 | .070   | .0031  | .00022 | .00027 | .00637 | .00027 | .0030  |
| %RSD   | 83.327 | .38102 | .09695 | .83359 | .60985 | 17.032 | .25632 | .03557 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00028 | 18.193 | 3.1829 | .02672 | .04353 | .03292 | .10680 | 8.3199 |
| #2 | .00007 | 18.291 | 3.1873 | .02641 | .04390 | .04193 | .10642 | 8.3241 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .04150 | .00099 | 2056.3 | .00076 | .15074 | 7.1795 | .00129 | .02868 |
| Stddev | .00025 | .00025 | 24.7   | .00053 | .00437 | .1267  | .00026 | .00959 |
| %RSD   | .60163 | 25.177 | 1.2004 | 70.402 | 2.8973 | 1.7648 | 20.204 | 33.420 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .04167 | -.00082 | 2073.7 | .00038 | .15383 | 7.0900 | .00147 | .02191 |
| #2 | .04132 | -.00117 | 2038.8 | .00114 | .14765 | 7.2691 | .00110 | .03546 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 11.902 | 4.4024 | .01083 | .00221 | .08743 | .0179  | .23331 |
| Stddev | .007   | .0134  | .00143 | .00034 | .00666 | .0002  | .00051 |
| %RSD   | .06089 | .30484 | 13.245 | 15.499 | 7.6215 | 1.002  | .21958 |

|    |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|-------|--------|
| #1 | 11.907 | 4.4119 | .01184 | .00197 | .08272 | .0177 | .23294 |
| #2 | 11.897 | 4.3929 | .00981 | .00245 | .09214 | .0180 | .23367 |

Sample Name: I5155-23      Acquired: 9/11/2017 21:11:00      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: 324-0007      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       | 2510.1  | 34451.  | 3332.7  | 30.142 | 2603.7 |
| Stddev    | 5.9     | 52.     | 28.2    | 2.531  | 7.5    |
| %RSD      | .23330  | .15007  | .44584  | 2.8076 | .28931 |
|           |         |         |         |        |        |
| #1        | 2506.0  | 34488.  | 6312.8  | 88.352 | 2598.4 |
| #2        | 2514.3  | 34415.  | 6352.7  | 91.931 | 2609.0 |

Sample Name: I5155-31      Acquired: 9/11/2017 21:15:15      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: 324-0008      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00656 | .00695 | .00578 | .00230 | .01323 | .11903 | .06519 | .00069 |
| Stddev | .00055 | .00185 | .00146 | .00281 | .00032 | .00527 | .00042 | .00012 |
| %RSD   | 8.3643 | 26.657 | 25.157 | 122.30 | 2.3967 | 4.4285 | .64428 | 17.502 |

|    |         |         |        |        |         |        |        |        |
|----|---------|---------|--------|--------|---------|--------|--------|--------|
| #1 | -.00617 | -.00826 | .00476 | .00429 | -.01300 | .11530 | .06549 | .00060 |
| #2 | -.00694 | -.00564 | .00681 | .00031 | -.01345 | .12276 | .06490 | .00077 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00009 | 17.784 | 3.1228 | .02627 | .02140 | .03054 | .10452 | 3.1230 |
| Stddev | .00007 | .013   | .0033  | .00059 | .00030 | .01016 | .00004 | .0023  |
| %RSD   | 78.057 | .07363 | .10519 | 2.2347 | 1.4160 | 33.276 | .03731 | .02833 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00014 | 17.775 | 3.1205 | .02586 | .02118 | .02335 | .10449 | 8.1214 |
| #2 | .00004 | 17.793 | 3.1251 | .02669 | .02161 | .03773 | .10455 | 8.1246 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .03818 | .00034 | 1900.8 | .00077 | .06550 | 7.1042 | .00074 | .03272 |
| Stddev | .00023 | .00048 | 36.1   | .00012 | .00051 | .1030  | .00013 | .00407 |
| %RSD   | .61203 | 141.71 | 1.9006 | 15.621 | .77922 | 1.4504 | 17.356 | 12.451 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .03835 | -.00068 | 1926.4 | .00086 | .06514 | 7.0314 | .00065 | .02984 |
| #2 | .03802 | .00000  | 1875.3 | .00069 | .06586 | 7.1771 | .00083 | .03560 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 11.640 | 4.3328 | .00782 | .00095 | .09100 | .0143  | .22860 |
| Stddev | .034   | .0382  | .00033 | .00160 | .00513 | .0012  | .00002 |
| %RSD   | .29441 | .88237 | 4.2766 | 169.44 | 5.6351 | 8.623  | .00658 |

|    |        |        |        |         |        |       |        |
|----|--------|--------|--------|---------|--------|-------|--------|
| #1 | 11.616 | 4.3057 | .00806 | .00208  | .08737 | .0152 | .22859 |
| #2 | 11.665 | 4.3598 | .00758 | -.00019 | .09462 | .0134 | .22861 |



Sample Name: I5155-31      Acquired: 9/11/2017 21:15:15      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: 324-0008      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       | 2519.7  | 34504.  | 3303.6  | 39.993 | 2615.4 |
| Stddev    | 4.4     | 25.     | 22.2    | .333   | 4.8    |
| %RSD      | .17501  | .07283  | .35279  | .37047 | .18397 |
| #1        | 2522.8  | 34522.  | 6287.9  | 90.229 | 2618.8 |
| #2        | 2516.5  | 34486.  | 6319.4  | 89.758 | 2612.0 |

Sample Name: I5184-01      Acquired: 9/11/2017 21:19:29      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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    | .05639 | .01655 | .36594 | .05712 | .00654 | 155.46 | .53200 | .00707 |
| Stddev | .00224 | .00099 | .00034 | .00074 | .00063 | .08    | .00026 | .00009 |
| %RSD   | 3.9771 | 5.9722 | .09274 | 1.2871 | 9.6743 | .04903 | .04896 | 1.3003 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .05481 | -.01585 | .36570 | .05660 | .00699 | 155.52 | .53218 | .00700 |
| #2 | .05798 | -.01724 | .36618 | .05764 | .00609 | 155.41 | .53181 | .00713 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00133 | 139.98 | .19034 | .13115 | .21269 | 320.19 | 4.3003 | 71.415 |
| Stddev | .00023 | .07    | .00053 | .00007 | .00283 | 4.90   | .0039  | .021   |
| %RSD   | 17.279 | .04752 | .28049 | .05137 | 1.3286 | 1.5299 | .08947 | .02883 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00150 | 139.94 | .18996 | .13120 | .21469 | 316.73 | 4.2976 | 71.429 |
| #2 | .00117 | 140.03 | .19072 | .13111 | .21069 | 323.66 | 4.3030 | 71.400 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .24091 | .01234 | 9.3246 | .43478 | .85411 | 18.616 | .01485 | .24408 |
| Stddev | .00049 | .00059 | .0271  | .00076 | .01252 | .046   | .00027 | .00722 |
| %RSD   | .20376 | 4.7912 | .29080 | .17513 | 1.4657 | .24860 | 1.8355 | 2.9572 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .24056 | -.01276 | 9.3437 | .43424 | .84526 | 18.584 | .01504 | .23898 |
| #2 | .24125 | -.01192 | 9.3054 | .43532 | .86296 | 18.649 | .01466 | .24919 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 5.1154 | 1.4745 | .03003 | 5.1695 | .22924 | 3.339  | .27001 |
| Stddev | .0112  | .0137  | .00050 | .0127  | .00075 | .001   | .00056 |
| %RSD   | .18241 | .93022 | 1.6767 | .20508 | .32691 | .0111  | .20563 |

|    |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|-------|--------|
| #1 | 6.1075 | 1.4648 | .03039 | 6.1784 | .22871 | 8.340 | .27040 |
| #2 | 6.1233 | 1.4842 | .02967 | 6.1605 | .22977 | 8.338 | .26962 |

Sample Name: I5184-01      Acquired: 9/11/2017 21:19:29      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      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       | 3422.8  | 49037.  | 3285.9  | 90.418 | 2886.3 |
| Stddev    | 2.8     | 92.     | 5.6     | 1.240  | .1     |
| %RSD      | .08126  | .18739  | .06777  | 1.3709 | .00416 |
| #1        | 3420.8  | 48972.  | 8281.9  | 91.295 | 2886.2 |
| #2        | 3424.7  | 49102.  | 8289.9  | 89.542 | 2886.4 |

Sample Name: I5185-01      Acquired: 9/11/2017 21:23:34      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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    | .04289 | -.00763 | .40481 | .04272 | .00511 | 153.30 | .53872 | .00741 |
| Stddev | .00110 | .00188  | .00036 | .00081 | .00153 | .86    | .00102 | .00007 |
| %RSD   | 2.5670 | 24.615  | .08800 | 1.9048 | 29.996 | .55884 | .18929 | .98650 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .04211 | -.00630 | .40456 | .04330 | .00402 | 152.70 | .53945 | .00747 |
| #2 | .04367 | -.00896 | .40507 | .04215 | .00619 | 153.91 | .53800 | .00736 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00019 | 122.45 | .15529 | .11206 | .22367 | 247.11 | 3.4110 | 31.046 |
| Stddev | .00013 | .62    | .00032 | .00060 | .00195 | 1.60   | .0023  | .151   |
| %RSD   | 70.357 | .50244 | .20782 | .53429 | .87346 | .64872 | .06715 | .24772 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00029 | 122.89 | .15506 | .11163 | .22229 | 248.24 | 3.4094 | 61.153 |
| #2 | .00010 | 122.02 | .15552 | .11248 | .22506 | 245.97 | 3.4126 | 60.939 |

|        |        |         |        |        |        |        |        |        |
|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280  | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .19545 | -.01138 | 9.1446 | .43157 | .54074 | 11.906 | .00212 | .19375 |
| Stddev | .00118 | .00013  | .0054  | .00072 | .00643 | .005   | .00025 | .00643 |
| %RSD   | .60452 | 1.1760  | .05950 | .16684 | 1.1889 | .04011 | 11.682 | 3.3206 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .19629 | -.01128 | 9.1484 | .43106 | .54528 | 11.909 | .00229 | .19830 |
| #2 | .19461 | -.01147 | 9.1407 | .43208 | .53619 | 11.903 | .00194 | .18920 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | 4.0784 | 3.2668 | .02229 | 3.8819 | .14488 | 5.827  | .41409 |  |
| Stddev | .0317  | .0080  | .00004 | .0088  | .00093 | .008   | .00058 |  |
| %RSD   | .77788 | .24442 | .18366 | .22776 | .64328 | .1432  | .13935 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | 4.0559 | 3.2724 | .02232 | 3.8756 | .14554 | 5.822 | .41450 |  |
| #2 | 4.1008 | 3.2611 | .02226 | 3.8881 | .14422 | 5.833 | .41369 |  |

Sample Name: I5185-01      Acquired: 9/11/2017 21:23:34      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      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       | 3254.7  | 46259.  | 7847.6  | 30.689 | 2947.2 |
| Stddev    | 2.5     | 66.     | 68.9    | 1.159  | 1.5    |
| %RSD      | .07721  | .14235  | .87824  | 1.2784 | .05108 |
| #1        | 3252.9  | 46213.  | 7798.8  | 89.869 | 2948.3 |
| #2        | 3256.5  | 46306.  | 7896.3  | 91.509 | 2946.1 |

Sample Name: I5186-01      Acquired: 9/11/2017 21:27:38      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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    | .04186 | -.01072 | .66149 | .04270 | .00570 | 37.906 | .69632 | .00602 |
| Stddev | .00020 | .00045  | .00072 | .00259 | .00067 | .199   | .00078 | .00003 |
| %RSD   | .47327 | 4.1690  | .10928 | 6.0629 | 11.699 | .22635 | .11255 | .45440 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .04200 | -.01104 | .66200 | .04087 | .00523 | 88.047 | .69577 | .00600 |
| #2 | .04172 | -.01040 | .66098 | .04453 | .00617 | 87.765 | .69687 | .00603 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00368 | 120.64 | .13895 | .13396 | .30518 | 239.84 | 2.6822 | 54.571 |
| Stddev | .00035 | .05    | .00024 | .00024 | .00103 | 2.56   | .0039  | .197   |
| %RSD   | 9.6125 | .04062 | .17307 | .17992 | .33660 | 1.0685 | .14465 | .36041 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00343 | 120.61 | .13912 | .13378 | .30446 | 241.65 | 2.6849 | 54.710 |
| #2 | .00393 | 120.68 | .13878 | .13413 | .30591 | 238.02 | 2.6795 | 54.432 |

|        |        |         |        |        |        |        |        |        |
|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280  | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .25625 | -.00648 | 9.2286 | .28005 | 11.172 | 15.118 | .00505 | .20436 |
| Stddev | .00063 | .00014  | .0027  | .00007 | .092   | .055   | .00020 | .00590 |
| %RSD   | .24522 | 2.1839  | .02885 | .02529 | .82036 | .36604 | 3.9082 | 2.8859 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .25581 | -.00638 | 9.2268 | .28000 | 11.237 | 15.079 | .00518 | .20853 |
| #2 | .25670 | -.00658 | 9.2305 | .28010 | 11.107 | 15.157 | .00491 | .20019 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | 10.149 | 2.6254 | .05836 | 3.0599 | .13850 | 11.59  | .34920 |  |
| Stddev | .002   | .0360  | .00107 | .0135  | .00147 | .00    | .00125 |  |
| %RSD   | .02163 | 1.3726 | 1.8291 | .44040 | 1.0597 | .0356  | .35741 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | 10.147 | 2.5999 | .05761 | 3.0504 | .13747 | 11.59 | .34831 |  |
| #2 | 10.150 | 2.6509 | .05912 | 3.0694 | .13954 | 11.58 | .35008 |  |

Sample Name: I5186-01      Acquired: 9/11/2017 21:27:38      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      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       | 3862.4  | 55350.  | 9310.5  | 92.540 | 2928.8 |
| Stddev    | 2.9     | 217.    | 16.7    | .961   | 4.1    |
| %RSD      | .07462  | .39253  | .17906  | 1.0381 | .14019 |
| #1        | 3860.4  | 55196.  | 9322.3  | 91.860 | 2925.9 |
| #2        | 3864.5  | 55503.  | 9298.7  | 93.219 | 2931.7 |

Sample Name: PB102196BL      Acquired: 9/11/2017 21:31:37      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: PBW      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00326 | .00007 | .00253 | .00200 | .00004 | .00614 | .00058 | .00001 |
| Stddev | .00340 | .00017 | .00086 | .00012 | .00011 | .00401 | .00043 | .00002 |
| %RSD   | 104.33 | 233.92 | 33.783 | 6.0904 | 238.84 | 65.341 | 73.592 | 303.43 |

|    |         |         |         |         |         |         |        |         |
|----|---------|---------|---------|---------|---------|---------|--------|---------|
| #1 | -.00566 | .00005  | -.00193 | -.00191 | -.00003 | -.00331 | .00028 | -.00001 |
| #2 | -.00085 | -.00019 | -.00314 | -.00208 | .00012  | -.00898 | .00088 | .00002  |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00007 | .01031 | .00006 | .00007 | .00032 | .00592 | .00000 | .02037 |
| Stddev | .00006 | .00184 | .00022 | .00000 | .00018 | .00180 | .00004 | .00069 |
| %RSD   | 94.570 | 17.838 | 380.35 | 5.5293 | 56.060 | 30.398 | 1236.1 | 3.3837 |

|    |        |        |         |        |         |        |         |        |
|----|--------|--------|---------|--------|---------|--------|---------|--------|
| #1 | .00002 | .01161 | -.00022 | .00007 | -.00044 | .00719 | .00003  | .02085 |
| #2 | .00011 | .00901 | .00010  | .00007 | -.00019 | .00465 | -.00003 | .01988 |

|        |        |        |          |        |        |        |        |        |
|--------|--------|--------|----------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895   | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm      | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00008 | .00077 | F .61491 | .00080 | .00005 | .02637 | .00026 | .00587 |
| Stddev | .00007 | .00028 | .01537   | .00001 | .00000 | .00494 | .00002 | .00853 |
| %RSD   | 93.941 | 36.225 | 2.5001   | 1.6095 | 1.2135 | 18.743 | 8.5486 | 145.28 |

|    |         |         |        |        |         |        |        |         |
|----|---------|---------|--------|--------|---------|--------|--------|---------|
| #1 | -.00013 | -.00097 | .62578 | .00081 | -.00005 | .02987 | .00025 | .00016  |
| #2 | -.00003 | -.00057 | .60404 | .00079 | -.00005 | .02288 | .00028 | -.01191 |

|        |          |        |        |        |        |        |        |  |
|--------|----------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820   | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm      | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | F .00617 | .00602 | .00021 | .00138 | .00356 | .0019  | .00000 |  |
| Stddev | .00097   | .01143 | .00010 | .00079 | .00003 | .0004  | .00002 |  |
| %RSD   | 15.686   | 189.80 | 46.423 | 57.284 | .93799 | 21.17  | 1857.4 |  |

|    |        |         |        |        |         |        |         |  |
|----|--------|---------|--------|--------|---------|--------|---------|--|
| #1 | .00686 | .01410  | .00014 | .00082 | -.00353 | -.0021 | .00001  |  |
| #2 | .00549 | -.00206 | .00027 | .00195 | -.00358 | -.0016 | -.00001 |  |



Sample Name: PB102196BL      Acquired: 9/11/2017 21:31:37      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: PBW      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       | 2965.5  | 42390.  | 3525.6  | 34.555 | 3336.7 |
| Stddev    | 9.2     | 125.    | 26.4    | 2.648  | 11.1   |
| %RSD      | .31134  | .29389  | .40393  | 2.8010 | .33246 |
| #1        | 2958.9  | 42302.  | 6506.9  | 92.682 | 3328.8 |
| #2        | 2972.0  | 42478.  | 6544.2  | 96.427 | 3344.5 |

Sample Name: PB102196BS      Acquired: 9/11/2017 21:35:49      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: LCSW      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |          |          |        |        |
|--------|--------|--------|--------|----------|----------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960   | Sb2068   | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm      | ppm      | ppm    | ppm    |
| Avg    | .79252 | 2.0429 | .95810 | 1.9436   | .77419   | 2.0169 | .21909 |
| Stddev | .00173 | .0053  | .00114 | .0021    | .00285   | .0023  | .00035 |
| %RSD   | .21892 | .25910 | .11900 | .10717   | .36749   | .11536 | .15874 |
| #1     | .79374 | 2.0392 | .95891 | 1.9451   | .77620   | 2.0186 | .21934 |
| #2     | .79129 | 2.0466 | .95730 | 1.9421   | .77218   | 2.0153 | .21885 |
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677   | Co2286   | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm      | ppm      | ppm    | ppm    |
| Avg    | .20148 | .19502 | 1.1320 | .43832   | .19898   | .31745 | 3.0051 |
| Stddev | .00019 | .00034 | .0145  | .00177   | .00066   | .00076 | .0228  |
| %RSD   | .09516 | .17487 | 1.2803 | .40387   | .33370   | .23800 | .75878 |
| #1     | .20161 | .19478 | 1.1218 | .43957   | .19851   | .31798 | 2.9890 |
| #2     | .20134 | .19526 | 1.1422 | .43707   | .19945   | .31691 | 3.0212 |
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280   | Na5895   | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm      | ppm      | ppm    | ppm    |
| Avg    | .21727 | 2.1146 | .51253 | .07155   | F 3.7216 | .32199 | .19695 |
| Stddev | .00003 | .0086  | .00034 | .00098   | .0013    | .00001 | .00223 |
| %RSD   | .01589 | .40809 | .06621 | 1.3655   | .03569   | .00453 | 1.1338 |
| #1     | .21724 | 2.1085 | .51277 | .07086   | 3.7225   | .32198 | .19537 |
| #2     | .21729 | 2.1207 | .51229 | .07224   | 3.7206   | .32200 | .19852 |
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820   | Si2881   | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm      | ppm      | ppm    | ppm    |
| Avg    | 10.860 | .41332 | .32421 | F .00215 | .91314   | .66802 | .21298 |
| Stddev | .006   | .00102 | .00272 | .00018   | .02278   | .00217 | .00163 |
| %RSD   | .05406 | .24773 | .84011 | 8.4217   | 2.4952   | .32476 | .76613 |
| #1     | 10.856 | .41405 | .32613 | -.00202  | .89703   | .66648 | .21414 |
| #2     | 10.864 | .41260 | .32228 | -.00227  | .92925   | .66955 | .21183 |

Sample Name: PB102196BS      Acquired: 9/11/2017 21:35:49      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: LCSW      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |
|--------|--------|--------|--------|
| Elem   | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    |
| Avg    | .21485 | 5.940  | .22174 |
| Stddev | .00061 | .002   | .00012 |
| %RSD   | .28325 | .0276  | .05390 |

|    |        |       |        |
|----|--------|-------|--------|
| #1 | .21442 | 5.939 | .22166 |
| #2 | .21528 | 5.941 | .22183 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2881.7  | 42053.  | 3484.9  | 93.780 | 3287.6 |
| Stddev    | 8.2     | 189.    | 8.4     | .872   | 3.0    |
| %RSD      | .28612  | .44988  | .12890  | .92993 | .09245 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2875.8 | 41920. | 6479.0 | 94.397 | 3285.5 |
| #2 | 2887.5 | 42187. | 6490.8 | 93.163 | 3289.8 |

Sample Name: PB102196TB      Acquired: 9/11/2017 21:39:49      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: PB102196TB      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00363 | .00134 | .00141 | .00151 | .00009 | .00233 | .00027 | .00007 |
| Stddev | .00302 | .00128 | .00133 | .00110 | .00093 | .00382 | .00000 | .00004 |
| %RSD   | 83.031 | 95.165 | 94.741 | 72.919 | 1009.9 | 163.90 | .76224 | 54.736 |

|    |         |         |         |        |         |         |        |         |
|----|---------|---------|---------|--------|---------|---------|--------|---------|
| #1 | -.00576 | -.00044 | -.00235 | .00073 | -.00057 | .00037  | .00027 | -.00004 |
| #2 | -.00150 | -.00225 | -.00046 | .00228 | .00075  | -.00503 | .00027 | -.00010 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00010 | .01270 | .00060 | .00012 | .00040 | .01396 | .00012 | .00645 |
| Stddev | .00002 | .01469 | .00011 | .00009 | .00012 | .00200 | .00000 | .02998 |
| %RSD   | 15.796 | 115.73 | 17.625 | 76.612 | 30.803 | 14.290 | 1.8570 | 464.86 |

|    |         |        |        |         |         |        |        |         |
|----|---------|--------|--------|---------|---------|--------|--------|---------|
| #1 | -.00008 | .02309 | .00067 | -.00019 | -.00032 | .01538 | .00012 | -.01475 |
| #2 | -.00011 | .00231 | .00052 | -.00006 | -.00049 | .01255 | .00012 | .02765  |

|        |        |        |          |        |        |        |        |        |
|--------|--------|--------|----------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895   | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm      | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00043 | .00048 | F 319.29 | .00059 | .00114 | .06603 | .00053 | .00809 |
| Stddev | .00033 | .00030 | 1.19     | .00093 | .00006 | .02071 | .00007 | .00352 |
| %RSD   | 76.584 | 62.929 | .37324   | 157.71 | 5.0788 | 31.358 | 13.553 | 43.503 |

|    |         |         |        |         |        |        |        |         |
|----|---------|---------|--------|---------|--------|--------|--------|---------|
| #1 | -.00066 | -.00069 | 320.13 | -.00007 | .00118 | .08067 | .00058 | -.01058 |
| #2 | -.00020 | -.00027 | 318.44 | .00125  | .00110 | .05139 | .00048 | -.00560 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .00880 | .00905 | .00201 | .00032 | .00155 | .0008  | .00003 |  |
| Stddev | .00279 | .00568 | .00023 | .00036 | .00001 | .0021  | .00004 |  |
| %RSD   | 31.716 | 62.733 | 11.617 | 114.24 | .60720 | 270.6  | 151.14 |  |

|    |        |         |        |         |         |        |        |  |
|----|--------|---------|--------|---------|---------|--------|--------|--|
| #1 | .00682 | -.00503 | .00184 | -.00057 | -.00156 | .0022  | .00000 |  |
| #2 | .01077 | -.01306 | .00217 | -.00006 | -.00154 | -.0007 | .00006 |  |

Sample Name: PB102196TB      Acquired: 9/11/2017 21:39:49      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: PB102196TB      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       | 2818.4  | 39396.  | 3511.6  | 32.175 | 3058.1 |
| Stddev    | 1.3     | 604.    | 3.4     | 2.208  | 1.4    |
| %RSD      | .04558  | 1.5335  | .05203  | 2.3956 | .04619 |
| #1        | 2817.5  | 38969.  | 6514.0  | 90.614 | 3057.1 |
| #2        | 2819.3  | 39823.  | 6509.2  | 93.736 | 3059.1 |

Sample Name: I5151-07      Acquired: 9/11/2017 21:44:07      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: NYSEG-PH4-ES      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00013 | .00145 | .01680 | .02127 | .00163 | .05064 | .28155 | .00000 |
| Stddev | .00000 | .00182 | .00067 | .00105 | .00093 | .00427 | .00012 | .00006 |
| %RSD   | 1.1186 | 125.74 | 3.9575 | 4.9231 | 57.318 | 8.4401 | .04304 | 1267.3 |

|    |         |         |        |         |        |         |        |         |
|----|---------|---------|--------|---------|--------|---------|--------|---------|
| #1 | -.00012 | -.00274 | .01727 | -.02053 | .00097 | -.04761 | .28146 | -.00004 |
| #2 | -.00013 | -.00016 | .01633 | -.02201 | .00229 | -.05366 | .28163 | .00005  |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00012 | 216.50 | .00065 | .00349 | .00077 | .86818 | .37179 | 2.4389 |
| Stddev | .00002 | 1.08   | .00075 | .00017 | .00015 | .02956 | .00031 | .0429  |
| %RSD   | 18.076 | .50095 | 115.59 | 4.9500 | 19.272 | 3.4046 | .08463 | 1.7600 |

|    |         |        |        |        |         |        |        |        |
|----|---------|--------|--------|--------|---------|--------|--------|--------|
| #1 | -.00014 | 215.73 | .00012 | .00362 | -.00067 | .88908 | .37201 | 2.4692 |
| #2 | -.00010 | 217.26 | .00118 | .00337 | -.00088 | .84728 | .37157 | 2.4085 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00847 | .00077 | 384.84 | .00052 | .11832 | .82461 | .00182 | .09586 |
| Stddev | .00045 | .00007 | 2.78   | .00040 | .00304 | .02483 | .00058 | .00123 |
| %RSD   | 5.3063 | 9.2584 | .72129 | 77.751 | 2.5698 | 3.0115 | 31.654 | 1.2786 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .00879 | -.00072 | 386.81 | .00023 | .12047 | .80705 | .00141 | .09500 |
| #2 | .00815 | -.00083 | 382.88 | .00080 | .11617 | .84217 | .00223 | .09673 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.8948 | 2.6362 | .00225 | .00599 | .00997 | .0025  | .24459 |
| Stddev | .0029  | .0278  | .00056 | .00088 | .00087 | .0016  | .00026 |
| %RSD   | .09980 | 1.0526 | 24.858 | 14.652 | 8.7201 | 63.07  | .10637 |

|    |        |        |        |         |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|
| #1 | 2.8928 | 2.6166 | .00264 | -.00537 | .00935 | -.0036 | .24441 |
| #2 | 2.8969 | 2.6558 | .00185 | -.00661 | .01058 | -.0014 | .24477 |

Sample Name: I5151-07      Acquired: 9/11/2017 21:44:07      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: NYSEG-PH4-ES      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       | 2725.4  | 38126.  | 3381.7  | 39.089 | 2915.2 |
| Stddev    | 3.0     | 127.    | 3.2     | 2.503  | 3.8    |
| %RSD      | .10960  | .33228  | .05013  | 2.8096 | .13180 |
| #1        | 2723.2  | 38037.  | 6379.4  | 87.319 | 2912.5 |
| #2        | 2727.5  | 38216.  | 6384.0  | 90.859 | 2917.9 |

Sample Name: I5151-08      Acquired: 9/11/2017 21:48:23      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: NYSEG-PH4-ES      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00172 | .00223 | .03923 | .01779 | .00111 | .02591 | .22221 | .00009 |
| Stddev | .00365 | .00142 | .00133 | .00537 | .00168 | .01409 | .00194 | .00004 |
| %RSD   | 211.68 | 63.601 | 3.3849 | 30.206 | 150.88 | 54.395 | .87293 | 51.137 |

|    |         |         |        |         |         |         |        |        |
|----|---------|---------|--------|---------|---------|---------|--------|--------|
| #1 | -.00086 | -.00123 | .03829 | -.01399 | -.00230 | -.01595 | .22084 | .00012 |
| #2 | .00430  | -.00323 | .04017 | -.02158 | .00007  | -.03588 | .22358 | .00006 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00019 | 172.80 | .00049 | .00054 | .00107 | 1.3470 | .22723 | 1.5320 |
| Stddev | .00005 | .68    | .00004 | .00033 | .00016 | .0329  | .00082 | .0417  |
| %RSD   | 23.774 | .39625 | 9.0728 | 60.633 | 15.048 | 2.4427 | .35938 | 2.7242 |

|    |         |        |        |        |         |        |        |        |
|----|---------|--------|--------|--------|---------|--------|--------|--------|
| #1 | -.00023 | 172.32 | .00052 | .00078 | -.00096 | 1.3238 | .22781 | 1.5025 |
| #2 | -.00016 | 173.28 | .00046 | .00031 | -.00118 | 1.3703 | .22666 | 1.5616 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00335 | .00098 | 361.74 | .00063 | .09684 | .39581 | .00060 | .01963 |
| Stddev | .00040 | .00069 | 1.48   | .00040 | .00093 | .00404 | .00030 | .00200 |
| %RSD   | 11.834 | 70.295 | .41045 | 64.309 | .96039 | 1.0205 | 49.424 | 10.204 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .00363 | -.00049 | 360.69 | .00091 | .09619 | .39867 | .00081 | .02104 |
| #2 | .00307 | -.00147 | 362.79 | .00034 | .09750 | .39296 | .00039 | .01821 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .32234 | .10260 | .00172 | .00378 | .00814 | .0009  | .17246 |  |
| Stddev | .00269 | .00992 | .00166 | .00084 | .00008 | .0007  | .00092 |  |
| %RSD   | .83561 | 9.6692 | 96.861 | 22.229 | 1.0209 | 71.07  | .53213 |  |

|    |        |        |        |         |        |        |        |  |
|----|--------|--------|--------|---------|--------|--------|--------|--|
| #1 | .32043 | .10962 | .00290 | -.00319 | .00820 | -.0005 | .17181 |  |
| #2 | .32424 | .09559 | .00054 | -.00438 | .00808 | -.0014 | .17311 |  |



Sample Name: I5151-08      Acquired: 9/11/2017 21:48:23      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: NYSEG-PH4-ES      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       | 2745.7  | 38356.  | 3400.6  | 30.861 | 2927.8 |
| Stddev    | 5.2     | 169.    | 3.9     | .920   | 8.1    |
| %RSD      | .19116  | .43959  | .06094  | 1.0127 | .27725 |
| #1        | 2742.0  | 38237.  | 6403.4  | 91.511 | 2922.1 |
| #2        | 2749.4  | 38475.  | 6397.9  | 90.210 | 2933.6 |

Sample Name: CCV12      Acquired: 9/11/2017 21:52:39      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: CCV12      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    | 4.8916 | 5.0443 | 4.7587 | 4.9459 | 4.8044 | 3.7602 | 3.9388 | .25438 | 2.4216 |
| Stddev | .0128  | .0060  | .0022  | .0052  | .0059  | .0089  | .0227  | .00008 | .0022  |
| %RSD   | .26077 | .11797 | .04687 | .10439 | .12257 | .09143 | .22859 | .03066 | .09109 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 4.8826 | 5.0485 | 4.7571 | 4.9422 | 4.8086 | 9.7539 | 9.9549 | .25444 | 2.4200 |
| #2 | 4.9006 | 5.0401 | 4.7603 | 4.9495 | 4.8002 | 9.7665 | 9.9227 | .25433 | 2.4231 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 25.161 | 1.0347 | 2.3872 | 1.2330 | 4.6712 | 2.5044 | 24.498 | 2.4801 | 1.2608 |
| Stddev | .130   | .0018  | .0057  | .0013  | .0131  | .0033  | .021   | .0088  | .0051  |
| %RSD   | .51838 | .17365 | .23908 | .10513 | .27955 | .13118 | .08393 | .35617 | .40136 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 25.254 | 1.0360 | 2.3832 | 1.2321 | 4.6620 | 2.5067 | 24.512 | 2.4738 | 1.2643 |
| #2 | 25.069 | 1.0334 | 2.3912 | 1.2339 | 4.6804 | 2.5020 | 24.483 | 2.4863 | 1.2572 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 25.213 | 2.4882 | 2.4538 | 25.329 | 4.8315 | 5.2426 | 4.8334 | 5.1947 | 4.8430 |
| Stddev | .023   | .0004  | .0071  | .045   | .0125  | .0322  | .0036  | .0289  | .0156  |
| %RSD   | .09270 | .01573 | .28862 | .17615 | .25950 | .61476 | .07499 | .55672 | .32266 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 25.196 | 2.4879 | 2.4488 | 25.361 | 4.8226 | 5.2654 | 4.8360 | 5.1742 | 4.8320 |
| #2 | 25.229 | 2.4885 | 2.4588 | 25.298 | 4.8403 | 5.2199 | 4.8309 | 5.2151 | 4.8541 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 5.1065 | 5.0849 | 5.386  | 5.2017 |
| Stddev | .0010  | .0169  | .014   | .0075  |
| %RSD   | .01932 | .33223 | .2583  | .14428 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 5.1072 | 5.0969 | 5.376 | 5.2070 |
| #2 | 5.1058 | 5.0730 | 5.396 | 5.1964 |

Sample Name: CCV12      Acquired: 9/11/2017 21:52:39      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: CCV12      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       | 2886.8  | 40644.  | 3426.3  | 39.867 | 3123.3 |
| Stddev    | 2.6     | 72.     | 14.6    | .252   | .8     |
| %RSD      | .09140  | .17806  | .22702  | .28057 | .02568 |
| #1        | 2888.7  | 40593.  | 6416.0  | 90.046 | 3123.8 |
| #2        | 2884.9  | 40695.  | 6436.6  | 89.689 | 3122.7 |

Sample Name: LLCCV05      Acquired: 9/11/2017 21:56:43      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: ICSAB5946      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    | .01596 | .04068 | .01105 | .01579 | .04814 | .09182 | .10136 | .00618 | .00596 |
| Stddev | .00311 | .00137 | .00063 | .00239 | .00034 | .00097 | .00105 | .00009 | .00004 |
| %RSD   | 19.470 | 3.3678 | 5.6976 | 15.123 | .69888 | 1.0582 | 1.0352 | 1.4358 | .69271 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .01376 | .04164 | .01149 | .01410 | .04790 | .09251 | .10062 | .00625 | .00593 |
| #2 | .01816 | .03971 | .01060 | .01748 | .04837 | .09113 | .10210 | .00612 | .00599 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.0479 | .01075 | .02902 | .02052 | .10181 | .02114 | 2.0044 | .03961 | .00928 |
| Stddev | .0141  | .00027 | .00008 | .00035 | .01125 | .00003 | .0246  | .00043 | .00033 |
| %RSD   | .68649 | 2.4804 | .28723 | 1.7159 | 11.054 | .14209 | 1.2289 | 1.0764 | 3.5397 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.0578 | .01056 | .02896 | .02027 | .10977 | .02116 | 2.0218 | .03931 | .00952 |
| #2 | 2.0379 | .01094 | .02908 | .02077 | .09386 | .02112 | 1.9870 | .03991 | .00905 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 2.3661 | .04063 | .03932 | 2.0532 | .20370 | .10871 | .01900 | .35940 | .03990 |
| Stddev | .0032  | .00077 | .00109 | .0293  | .00031 | .00302 | .00101 | .00262 | .00077 |
| %RSD   | .13442 | 1.8965 | 2.7600 | 1.4292 | .15052 | 2.7817 | 5.3279 | .72917 | 1.9277 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.3638 | .04118 | .04009 | 2.0324 | .20392 | .11085 | .01972 | .36125 | .04044 |
| #2 | 2.3683 | .04009 | .03855 | 2.0739 | .20349 | .10657 | .01829 | .35755 | .03935 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | .04142 | .01700 | .0212  | .02322 |
| Stddev | .00062 | .00154 | .0011  | .00003 |
| %RSD   | 1.4974 | 9.0580 | 5.270  | .11198 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .04099 | .01591 | .0204 | .02324 |
| #2 | .04186 | .01809 | .0219 | .02320 |

Sample Name: LLCCV05      Acquired: 9/11/2017 21:56:43      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: ICSAB5946      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       | 2969.3  | 41737.  | 6445.1  | 95.455 | 3340.6 |
| Stddev    | 7.4     | 144.    | 6.3     | 3.008  | 3.3    |
| %RSD      | .24798  | .34499  | .09794  | 3.1517 | .09837 |
| #1        | 2964.1  | 41635.  | 6449.5  | 93.327 | 3338.3 |
| #2        | 2974.5  | 41839.  | 6440.6  | 97.582 | 3342.9 |

Sample Name: CCB12      Acquired: 9/11/2017 22:00:53      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: CCB12      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00077 | .00039 | .00079 | .00450 | .00057 | .00090 | .00003 | .00005 |
| Stddev | .00247 | .00039 | .00014 | .00115 | .00088 | .01556 | .00012 | .00003 |
| %RSD   | 321.40 | 101.79 | 17.350 | 25.674 | 154.95 | 1726.0 | 370.69 | 58.661 |

|    |         |         |         |         |         |         |         |        |
|----|---------|---------|---------|---------|---------|---------|---------|--------|
| #1 | .00098  | -.00011 | -.00069 | -.00368 | -.00005 | -.01190 | .00005  | .00007 |
| #2 | -.00252 | -.00066 | -.00088 | -.00531 | .00119  | .01010  | -.00012 | .00003 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00010 | .00619 | .00039 | .00010 | .00075 | .00142 | .00005 | .01573 |
| Stddev | .00002 | .00405 | .00033 | .00008 | .00023 | .01326 | .00003 | .01771 |
| %RSD   | 20.588 | 65.430 | 83.222 | 79.863 | 30.788 | 931.65 | 66.600 | 112.61 |

|    |        |        |        |         |         |         |         |         |
|----|--------|--------|--------|---------|---------|---------|---------|---------|
| #1 | .00012 | .00332 | .00016 | -.00004 | -.00092 | .00795  | -.00007 | -.02826 |
| #2 | .00009 | .00905 | .00062 | -.00015 | -.00059 | -.01080 | -.00003 | -.00320 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00037 | .00087 | .27788 | .00077 | .00013 | .01482 | .00080 | .00250 |
| Stddev | .00009 | .00044 | .01019 | .00003 | .00011 | .03911 | .00003 | .00576 |
| %RSD   | 23.757 | 50.819 | 3.6664 | 3.5796 | 86.886 | 263.96 | 4.1601 | 230.43 |

|    |         |         |        |        |         |         |        |         |
|----|---------|---------|--------|--------|---------|---------|--------|---------|
| #1 | -.00030 | -.00056 | .28509 | .00075 | -.00021 | -.01284 | .00082 | .00157  |
| #2 | -.00043 | -.00118 | .27068 | .00079 | -.00005 | .04248  | .00078 | -.00658 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00318 | .02232 | .00033 | .00091 | .00549 | .0017  | .00006 |
| Stddev | .00122 | .01134 | .00109 | .00046 | .00029 | .0007  | .00008 |
| %RSD   | 38.347 | 50.803 | 326.55 | 50.184 | 5.3556 | 39.59  | 142.51 |

|    |         |         |         |        |         |        |        |
|----|---------|---------|---------|--------|---------|--------|--------|
| #1 | -.00405 | -.01430 | .00110  | .00124 | -.00528 | -.0012 | .00011 |
| #2 | -.00232 | -.03034 | -.00044 | .00059 | -.00569 | -.0021 | .00000 |

Sample Name: CCB12      Acquired: 9/11/2017 22:00:53      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: CCB12      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       | 2973.5  | 42105.  | 3464.3  | 92.491 | 3338.2 |
| Stddev    | 10.9    | 269.    | 14.2    | 1.196  | 2.3    |
| %RSD      | .36527  | .63934  | .22001  | 1.2927 | .06796 |
| #1        | 2965.8  | 41915.  | 6474.4  | 91.645 | 3336.6 |
| #2        | 2981.2  | 42295.  | 6454.3  | 93.336 | 3339.8 |

Sample Name: I5151-09      Acquired: 9/11/2017 22:05:06      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: NYSEG-PH4-ES      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00079 | .00336 | .04350 | .02185 | .00105 | .04889 | .27790 | .00005 |
| Stddev | .00171 | .00141 | .00212 | .00097 | .00068 | .00509 | .00016 | .00000 |
| %RSD   | 215.93 | 41.977 | 4.8741 | 4.4416 | 64.366 | 10.410 | .05907 | 2.0037 |

|    |         |         |        |         |         |         |        |        |
|----|---------|---------|--------|---------|---------|---------|--------|--------|
| #1 | -.00200 | -.00236 | .04500 | -.02254 | -.00057 | -.05249 | .27778 | .00005 |
| #2 | .00042  | -.00436 | .04200 | -.02117 | -.00153 | -.04529 | .27802 | .00005 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00006 | 214.36 | .00070 | .00193 | .00095 | .68091 | .29707 | 2.0675 |
| Stddev | .00002 | .11    | .00023 | .00029 | .00038 | .01176 | .00013 | .0193  |
| %RSD   | 36.549 | .05264 | 33.432 | 14.972 | 40.673 | 1.7276 | .04339 | .93463 |

|    |         |        |        |        |         |        |        |        |
|----|---------|--------|--------|--------|---------|--------|--------|--------|
| #1 | -.00004 | 214.28 | .00086 | .00173 | -.00122 | .67260 | .29716 | 2.0812 |
| #2 | -.00007 | 214.44 | .00053 | .00214 | -.00067 | .68923 | .29697 | 2.0538 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00427 | .00122 | 429.73 | .00062 | .10887 | .49636 | .00098 | .02642 |
| Stddev | .00047 | .00045 | 4.98   | .00027 | .00076 | .03566 | .00028 | .00348 |
| %RSD   | 11.062 | 36.962 | 1.1585 | 44.230 | .69841 | 7.1842 | 29.151 | 13.181 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .00393 | -.00090 | 433.25 | .00042 | .10833 | .47115 | .00118 | .02396 |
| #2 | .00460 | -.00154 | 426.21 | .00081 | .10941 | .52158 | .00078 | .02889 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .36390 | .20292 | .00248 | .00477 | .00543 | .0005  | .21762 |
| Stddev | .00426 | .00968 | .00030 | .00027 | .00009 | .0020  | .00017 |
| %RSD   | 1.1708 | 4.7694 | 12.294 | 5.5818 | 1.7002 | 423.9  | .07968 |

|    |        |        |        |         |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|
| #1 | .36691 | .20977 | .00226 | -.00458 | .00550 | .0010  | .21750 |
| #2 | .36089 | .19608 | .00270 | -.00496 | .00537 | -.0019 | .21774 |



Sample Name: I5151-09      Acquired: 9/11/2017 22:05:06      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: NYSEG-PH4-ES      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       | 2716.7  | 38111.  | 3414.9  | 30.372 | 2889.4 |
| Stddev    | 3.8     | 36.     | 30.8    | .515   | 6.3    |
| %RSD      | .13817  | .09575  | .48057  | .57028 | .21930 |
| #1        | 2714.0  | 38085.  | 6393.1  | 90.737 | 2884.9 |
| #2        | 2719.3  | 38137.  | 6436.7  | 90.008 | 2893.8 |

Sample Name: I5151-10      Acquired: 9/11/2017 22:09:21      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: NYSEG-PH4-ES      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00223 | .00253 | .03012 | .02307 | .00028 | .05095 | .30087 | .00003 |
| Stddev | .00245 | .00042 | .00129 | .00232 | .00076 | .01462 | .00045 | .00002 |
| %RSD   | 109.59 | 16.401 | 4.2808 | 10.040 | 270.73 | 28.696 | .15083 | 76.083 |

|    |         |         |        |         |         |         |        |        |
|----|---------|---------|--------|---------|---------|---------|--------|--------|
| #1 | -.00050 | -.00224 | .03104 | -.02471 | -.00026 | -.04061 | .30055 | .00004 |
| #2 | -.00397 | -.00283 | .02921 | -.02143 | .00082  | -.06128 | .30119 | .00001 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00000 | 200.31 | .00012 | .00230 | .00071 | .28394 | .32558 | 2.1208 |
| Stddev | .0001  | .61    | .00055 | .00001 | .00000 | .00408 | .00014 | .0156  |
| %RSD   | 12451. | .30641 | 446.72 | .30189 | .11804 | 1.4366 | .04328 | .73509 |

|    |         |        |         |        |         |        |        |        |
|----|---------|--------|---------|--------|---------|--------|--------|--------|
| #1 | -.00006 | 199.87 | -.00051 | .00230 | -.00071 | .28106 | .32548 | 2.1319 |
| #2 | .00006  | 200.74 | .00027  | .00231 | -.00071 | .28682 | .32568 | 2.1098 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00378 | .00090 | 392.17 | .00110 | .11787 | .55440 | .00075 | .02005 |
| Stddev | .00037 | .00063 | 2.36   | .00010 | .00228 | .02544 | .00013 | .00291 |
| %RSD   | 9.8561 | 69.958 | .60294 | 9.2471 | 1.9348 | 4.5892 | 17.578 | 14.502 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .00404 | -.00045 | 393.84 | .00118 | .11626 | .57239 | .00066 | .02210 |
| #2 | .00351 | -.00135 | 390.50 | .00103 | .11948 | .53641 | .00085 | .01799 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .40976 | .26976 | .00220 | .00467 | .00880 | .0007  | .22753 |
| Stddev | .00166 | .00318 | .00125 | .00034 | .00082 | .0016  | .00016 |
| %RSD   | .40554 | 1.1785 | 56.612 | 7.2233 | 9.3000 | 231.3  | .07200 |

|    |        |        |        |         |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|
| #1 | .41094 | .27201 | .00132 | -.00443 | .00823 | -.0018 | .22742 |
| #2 | .40859 | .26751 | .00308 | -.00491 | .00938 | .0004  | .22765 |

Sample Name: I5151-10      Acquired: 9/11/2017 22:09:21      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: NYSEG-PH4-ES      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       | 2730.7  | 38202.  | 3449.8  | 30.248 | 2907.1 |
| Stddev    | .2      | 122.    | 16.1    | 1.102  | 1.9    |
| %RSD      | .00909  | .31969  | .25000  | 1.2209 | .06610 |
| #1        | 2730.9  | 38116.  | 6461.2  | 91.027 | 2908.4 |
| #2        | 2730.5  | 38288.  | 6438.4  | 89.469 | 2905.7 |

Sample Name: I5151-11      Acquired: 9/11/2017 22:13:37      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: NYSEG-PH4-ES      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00006 | .00378 | .07342 | .02178 | .00173 | .04556 | .32258 | .00004 |
| Stddev | .00114 | .00022 | .00003 | .00039 | .00117 | .00961 | .00188 | .00005 |
| %RSD   | 1766.1 | 5.9237 | .04567 | 1.8100 | 67.979 | 21.087 | .58258 | 122.08 |

|    |         |         |        |         |         |         |        |         |
|----|---------|---------|--------|---------|---------|---------|--------|---------|
| #1 | -.00074 | -.00394 | .07345 | -.02150 | -.00090 | -.03877 | .32391 | -.00008 |
| #2 | .00087  | -.00362 | .07340 | -.02206 | -.00255 | -.05235 | .32125 | -.00001 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00013 | 211.59 | .00000 | .00120 | .00148 | .48848 | .36432 | 2.2942 |
| Stddev | .00006 | .16    | .00002 | .00017 | .00018 | .00786 | .00032 | .0109  |
| %RSD   | 45.446 | .07544 | 857.84 | 14.468 | 12.161 | 1.6097 | .08764 | .47660 |

|    |         |        |         |        |         |        |        |        |
|----|---------|--------|---------|--------|---------|--------|--------|--------|
| #1 | -.00009 | 211.48 | .00002  | .00108 | -.00135 | .49404 | .36455 | 2.3020 |
| #2 | -.00018 | 211.70 | -.00001 | .00132 | -.00160 | .48292 | .36410 | 2.2865 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00437 | .00109 | 410.60 | .00052 | .12483 | .53453 | .00082 | .02533 |
| Stddev | .00010 | .00016 | 5.17   | .00070 | .00285 | .01085 | .00013 | .00356 |
| %RSD   | 2.2988 | 14.456 | 1.2580 | 135.22 | 2.2867 | 2.0294 | 16.292 | 14.074 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .00444 | -.00098 | 406.95 | .00102 | .12684 | .52686 | .00073 | .02281 |
| #2 | .00430 | -.00120 | 414.25 | .00002 | .12281 | .54220 | .00092 | .02785 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .43086 | .16354 | .00246 | .00398 | .00900 | .0009  | .22464 |
| Stddev | .01018 | .00064 | .00031 | .00070 | .00144 | .0009  | .00120 |
| %RSD   | 2.3634 | .39272 | 12.770 | 17.567 | 16.031 | 105.8  | .53419 |

|    |        |        |        |         |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|
| #1 | .43806 | .16308 | .00224 | -.00348 | .00798 | -.0002 | .22379 |
| #2 | .42366 | .16399 | .00268 | -.00447 | .01002 | -.0016 | .22549 |

Sample Name: I5151-11      Acquired: 9/11/2017 22:13:37      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: NYSEG-PH4-ES      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       | 2703.6  | 38097.  | 3446.3  | 31.286 | 2880.1 |
| Stddev    | 4.5     | 5.      | 8.8     | 2.041  | 6.6    |
| %RSD      | .16735  | .01312  | .13700  | 2.2360 | .23075 |
|           |         |         |         |        |        |
| #1        | 2700.4  | 38094.  | 6452.6  | 89.843 | 2875.4 |
| #2        | 2706.8  | 38101.  | 6440.1  | 92.729 | 2884.8 |

Sample Name: I5151-12      Acquired: 9/11/2017 22:17:53      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: NYSEG-PH4-ES      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00008 | .00393 | .03187 | .01339 | .00195 | .02372 | .30515 | .00010 |
| Stddev | .00161 | .00127 | .00024 | .00099 | .00127 | .00016 | .00109 | .00001 |
| %RSD   | 1979.2 | 32.394 | .75817 | 7.3755 | 65.185 | .66506 | .35779 | 8.1225 |

|    |         |         |        |         |         |         |        |        |
|----|---------|---------|--------|---------|---------|---------|--------|--------|
| #1 | -.00106 | -.00303 | .03170 | -.01269 | -.00105 | -.02383 | .30592 | .00010 |
| #2 | .00122  | -.00483 | .03204 | -.01409 | -.00285 | -.02361 | .30438 | .00011 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00018 | 151.20 | .00123 | .00098 | .00115 | 1.4723 | .20495 | 1.4100 |
| Stddev | .00010 | .50    | .00010 | .00028 | .00002 | .0107  | .00046 | .0036  |
| %RSD   | 53.407 | .33012 | 8.2042 | 28.122 | 2.0576 | .72849 | .22242 | .25242 |

|    |         |        |        |        |         |        |        |        |
|----|---------|--------|--------|--------|---------|--------|--------|--------|
| #1 | -.00025 | 151.55 | .00116 | .00118 | -.00117 | 1.4799 | .20527 | 1.4125 |
| #2 | -.00011 | 150.85 | .00130 | .00079 | -.00114 | 1.4647 | .20463 | 1.4075 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00242 | .00106 | 398.67 | .00077 | .12888 | .41278 | .00039 | .03345 |
| Stddev | .00003 | .00013 | .44    | .00078 | .00093 | .00400 | .00010 | .00169 |
| %RSD   | 1.3641 | 12.604 | .11008 | 101.19 | .72043 | .97023 | 25.316 | 5.0500 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .00240 | -.00115 | 398.36 | .00022 | .12953 | .41561 | .00032 | .03225 |
| #2 | .00244 | -.00096 | 398.98 | .00132 | .12822 | .40994 | .00046 | .03464 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .41724 | .13598 | .00235 | .00418 | .00594 | .0243  | .16038 |  |
| Stddev | .00625 | .01738 | .00036 | .00035 | .00096 | .0013  | .00093 |  |
| %RSD   | 1.4978 | 12.784 | 15.297 | 8.4632 | 16.241 | 5.374  | .57927 |  |

|    |        |        |        |         |        |       |        |  |
|----|--------|--------|--------|---------|--------|-------|--------|--|
| #1 | .42166 | .12369 | .00210 | -.00393 | .00526 | .0252 | .16104 |  |
| #2 | .41282 | .14827 | .00261 | -.00443 | .00662 | .0234 | .15972 |  |

Sample Name: I5151-12      Acquired: 9/11/2017 22:17:53      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: NYSEG-PH4-ES      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       | 2734.3  | 38417.  | 3445.0  | 32.075 | 2915.6 |
| Stddev    | 12.4    | 230.    | 37.0    | 1.258  | 12.0   |
| %RSD      | .45361  | .59751  | .57456  | 1.3659 | .41094 |
| #1        | 2725.5  | 38255.  | 6418.8  | 91.186 | 2907.2 |
| #2        | 2743.1  | 38579.  | 6471.2  | 92.964 | 2924.1 |

Sample Name: I5158-03      Acquired: 9/11/2017 22:22:09      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: BU-02-090717      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00085 | .00118 | .00605 | .00333 | .00004 | .13914 | .07194 | .00009 |
| Stddev | .00160 | .00080 | .00014 | .00064 | .00061 | .01564 | .00051 | .00006 |
| %RSD   | 189.24 | 67.606 | 2.3698 | 19.316 | 1626.8 | 11.242 | .71559 | 65.688 |

|    |         |         |        |         |         |        |        |        |
|----|---------|---------|--------|---------|---------|--------|--------|--------|
| #1 | -.00198 | -.00062 | .00595 | -.00379 | .00047  | .15020 | .07230 | .00005 |
| #2 | .00029  | -.00175 | .00615 | -.00288 | -.00040 | .12808 | .07158 | .00013 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00002 | 7.6962 | .00136 | .00054 | .00327 | .11554 | .05013 | 1.8111 |
| Stddev | .00005 | .0106  | .00001 | .00017 | .00034 | .00618 | .00022 | .0242  |
| %RSD   | 202.23 | .13779 | .52354 | 31.261 | 10.366 | 5.3488 | .43329 | 1.3345 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00006  | 7.6887 | .00135 | .00042 | .00303 | .11991 | .05028 | 1.8281 |
| #2 | -.00001 | 7.7037 | .00136 | .00065 | .00351 | .11117 | .04997 | 1.7940 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00027 | .00166 | 382.57 | .00058 | .02205 | .49522 | .00028 | .00780 |
| Stddev | .00008 | .00044 | 1.33   | .00015 | .00080 | .03224 | .00013 | .00426 |
| %RSD   | 28.193 | 26.512 | .34654 | 26.712 | 3.6427 | 6.5095 | 47.178 | 54.571 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .00033 | -.00197 | 383.51 | .00069 | .02262 | .51802 | .00037 | .00479 |
| #2 | .00022 | -.00135 | 381.64 | .00047 | .02149 | .47243 | .00019 | .01082 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .17615 | .24802 | .00148 | .00168 | .00075 | .0054  | .02533 |
| Stddev | .00124 | .00480 | .00080 | .00069 | .00137 | .0003  | .00004 |
| %RSD   | .70205 | 1.9368 | 53.907 | 40.892 | 182.24 | 5.929  | .14882 |

|    |        |        |        |        |         |       |        |
|----|--------|--------|--------|--------|---------|-------|--------|
| #1 | .17528 | .25142 | .00091 | .00216 | -.00172 | .0056 | .02535 |
| #2 | .17703 | .24462 | .00204 | .00119 | .00022  | .0051 | .02530 |



Sample Name: I5158-03      Acquired: 9/11/2017 22:22:09      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: BU-02-090717      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       | 2871.6  | 39672.  | 3556.4  | 32.168 | 3051.0 |
| Stddev    | .8      | 242.    | 19.2    | 3.163  | 1.1    |
| %RSD      | .02717  | .60948  | .29345  | 3.4314 | .03684 |
| #1        | 2871.1  | 39501.  | 6570.0  | 89.932 | 3050.2 |
| #2        | 2872.2  | 39843.  | 6542.7  | 94.405 | 3051.8 |

Sample Name: I5158-03DUP      Acquired: 9/11/2017 22:26:25      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: BU-02-090717      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00296 | .00115 | .00489 | .00239 | .00053 | .14968 | .07222 | .00014 |
| Stddev | .00389 | .00028 | .00153 | .00097 | .00064 | .00214 | .00024 | .00005 |
| %RSD   | 131.36 | 24.130 | 31.271 | 40.384 | 119.68 | 1.4302 | .33053 | 33.710 |

|    |         |         |        |         |         |        |        |        |
|----|---------|---------|--------|---------|---------|--------|--------|--------|
| #1 | -.00021 | -.00095 | .00597 | -.00171 | -.00008 | .14817 | .07205 | .00011 |
| #2 | -.00571 | -.00135 | .00381 | -.00307 | -.00098 | .15120 | .07239 | .00017 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00001 | 7.7513 | .00133 | .00037 | .00418 | .11822 | .05009 | 1.7994 |
| Stddev | .00006 | .0374  | .00024 | .00051 | .00011 | .00688 | .00006 | .0110  |
| %RSD   | 649.25 | .48256 | 18.243 | 138.52 | 2.6417 | 5.8156 | .11625 | .61291 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00005  | 7.7777 | .00150 | .00073 | .00411 | .11336 | .05005 | 1.7916 |
| #2 | -.00003 | 7.7248 | .00116 | .00001 | .00426 | .12308 | .05013 | 1.8072 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00057 | .00121 | 380.88 | .00071 | .02164 | .49111 | .00002 | .00653 |
| Stddev | .00009 | .00087 | 3.03   | .00027 | .00019 | .01442 | .00005 | .00322 |
| %RSD   | 16.324 | 71.752 | .79670 | 37.897 | .88232 | 2.9371 | 191.96 | 49.408 |

|    |        |         |        |        |        |        |         |        |
|----|--------|---------|--------|--------|--------|--------|---------|--------|
| #1 | .00063 | -.00183 | 383.02 | .00090 | .02151 | .50131 | -.00001 | .00425 |
| #2 | .00050 | -.00060 | 378.73 | .00052 | .02178 | .48092 | .00006  | .00881 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .17643 | .24946 | .00268 | .00095 | .00006 | .0056  | .02527 |  |
| Stddev | .00469 | .01172 | .00048 | .00004 | .00016 | .0017  | .00009 |  |
| %RSD   | 2.6567 | 4.6973 | 18.059 | 3.8014 | 270.29 | 30.26  | .33725 |  |

|    |        |        |        |        |         |       |        |  |
|----|--------|--------|--------|--------|---------|-------|--------|--|
| #1 | .17312 | .25775 | .00302 | .00092 | -.00018 | .0044 | .02521 |  |
| #2 | .17975 | .24118 | .00233 | .00097 | .00006  | .0068 | .02533 |  |

Sample Name: I5158-03DUP      Acquired: 9/11/2017 22:26:25      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: BU-02-090717 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       | 2872.6  | 39841.  | 3597.5  | 94.239 | 3058.9 |
| Stddev    | 10.4    | 149.    | 37.7    | .935   | 11.7   |
| %RSD      | .36245  | .37497  | .57112  | .99249 | .38375 |
| #1        | 2865.2  | 39735.  | 6570.8  | 94.900 | 3050.6 |
| #2        | 2879.9  | 39947.  | 6624.1  | 93.577 | 3067.2 |

Sample Name: I5158-03LX5      Acquired: 9/11/2017 22:30:42      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: BU-02-090717      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00238 | .00106 | .00071 | .00593 | .00023 | .09126 | .01455 | .00004 |
| Stddev | .00072 | .00247 | .00097 | .00282 | .00086 | .01421 | .00029 | .00004 |
| %RSD   | 30.195 | 233.86 | 135.97 | 47.607 | 372.71 | 15.572 | 2.0103 | 111.37 |

|    |         |         |        |         |         |        |        |        |
|----|---------|---------|--------|---------|---------|--------|--------|--------|
| #1 | -.00289 | -.00281 | .00003 | -.00394 | -.00038 | .10131 | .01434 | .00006 |
| #2 | -.00187 | .00069  | .00140 | -.00793 | .00083  | .08121 | .01476 | .00001 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00017 | 1.6251 | .01405 | .00032 | .00084 | .08824 | .01110 | .43802 |
| Stddev | .00006 | .0065  | .00010 | .00003 | .00018 | .00561 | .00004 | .01661 |
| %RSD   | 34.412 | .39890 | .67672 | 9.4728 | 21.557 | 6.3585 | .40306 | 3.7920 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00013 | 1.6297 | .01398 | .00030 | .00072 | .08427 | .01113 | .42628 |
| #2 | .00021 | 1.6205 | .01412 | .00034 | .00097 | .09221 | .01106 | .44977 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00886 | .00106 | 78.772 | .00067 | .00618 | .12034 | .00221 | .00056 |
| Stddev | .00007 | .00019 | .336   | .00025 | .00023 | .03039 | .00004 | .00601 |
| %RSD   | .77472 | 17.533 | .42604 | 36.844 | 3.7911 | 25.256 | 1.6353 | 1081.2 |

|    |        |         |        |        |        |        |        |         |
|----|--------|---------|--------|--------|--------|--------|--------|---------|
| #1 | .00881 | -.00119 | 79.009 | .00050 | .00635 | .14183 | .00218 | -.00369 |
| #2 | .00891 | -.00093 | 78.534 | .00085 | .00602 | .09885 | .00223 | .00480  |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .03358 | .03742 | .00096 | .00122 | .00123 | .0005  | .00523 |  |
| Stddev | .00237 | .00404 | .00085 | .00038 | .00002 | .0002  | .00002 |  |
| %RSD   | 7.0471 | 10.801 | 88.298 | 31.176 | 1.3588 | 38.71  | .46279 |  |

|    |        |        |        |        |         |       |        |  |
|----|--------|--------|--------|--------|---------|-------|--------|--|
| #1 | .03525 | .03456 | .00036 | .00095 | -.00122 | .0003 | .00524 |  |
| #2 | .03191 | .04028 | .00156 | .00148 | -.00124 | .0006 | .00521 |  |

Sample Name: I5158-03LX5      Acquired: 9/11/2017 22:30:42      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: BU-02-090717 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       | 2963.7  | 41462.  | 3568.8  | 95.327 | 3250.5 |
| Stddev    | 2.8     | 12.     | 1.8     | 2.895  | 4.0    |
| %RSD      | .09291  | .02925  | .02706  | 3.0365 | .12347 |
| #1        | 2965.6  | 41453.  | 6567.6  | 93.280 | 3247.7 |
| #2        | 2961.7  | 41470.  | 6570.1  | 97.373 | 3253.3 |

Sample Name: I5158-03MS      Acquired: 9/11/2017 22:34:55      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: BU-02-090717 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    | .82377 | 2.0397 | .98440 | 2.0505 | .77634 | 2.3266 | .28505 | .21411 | .20589 |
| Stddev | .00252 | .0003  | .00062 | .0102  | .00191 | .0107  | .00023 | .00003 | .00003 |
| %RSD   | .30620 | .01653 | .06331 | .49941 | .24631 | .46103 | .08141 | .01310 | .01670 |
| #1     | .82198 | 2.0394 | .98484 | 2.0433 | .77499 | 2.3342 | .28489 | .21409 | .20591 |
| #2     | .82555 | 2.0399 | .98396 | 2.0578 | .77770 | 2.3190 | .28522 | .21413 | .20586 |
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 3.7169 | .44435 | .20426 | .30725 | 3.2221 | .26372 | 3.8559 | .52605 | .07450 |
| Stddev | .0183  | .00026 | .00010 | .00067 | .0122  | .00016 | .0735  | .00045 | .00074 |
| %RSD   | .20950 | .05780 | .04833 | .21716 | .37828 | .05967 | 1.9059 | .08470 | .99607 |
| #1     | 8.7040 | .44453 | .20419 | .30772 | 3.2135 | .26383 | 3.8039 | .52636 | .07503 |
| #2     | 8.7298 | .44417 | .20433 | .30678 | 3.2307 | .26361 | 3.9079 | .52573 | .07398 |
| 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    | 374.89 | .32479 | .21578 | 11.299 | .40962 | .33618 | .16446 | 1.2140 | .70161 |
| Stddev | .78    | .00006 | .00071 | .022   | .00043 | .00832 | .00204 | .0067  | .00075 |
| %RSD   | .20781 | .01792 | .32968 | .19050 | .10615 | 2.4761 | 1.2388 | .55556 | .10687 |
| #1     | 374.34 | .32483 | .21528 | 11.284 | .40993 | .34206 | .16302 | 1.2187 | .70214 |
| #2     | 375.44 | .32474 | .21629 | 11.314 | .40931 | .33029 | .16591 | 1.2092 | .70108 |
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |        |        |        |        |        |
| Units  | ppm    | ppm    | ppm    | ppm    |        |        |        |        |        |
| Avg    | .21755 | .21504 | 6.675  | 24313  |        |        |        |        |        |
| Stddev | .00081 | .00083 | .005   | .00038 |        |        |        |        |        |
| %RSD   | .37401 | .38543 | .0775  | .15529 |        |        |        |        |        |
| #1     | .21698 | .21563 | 6.678  | .24287 |        |        |        |        |        |
| #2     | .21813 | .21446 | 6.671  | .24340 |        |        |        |        |        |

Sample Name: I5158-03MS      Acquired: 9/11/2017 22:34:55      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: BU-02-090717      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       | 2819.9  | 39205.  | 3424.8  | 92.905 | 3010.7 |
| Stddev    | 8.6     | 81.     | 40.0    | .378   | 6.8    |
| %RSD      | .30605  | .20620  | .62217  | .40734 | .22620 |
| #1        | 2813.8  | 39262.  | 6453.0  | 93.172 | 3005.8 |
| #2        | 2826.0  | 39148.  | 6396.5  | 92.637 | 3015.5 |

Sample Name: I5158-03MSD      Acquired: 9/11/2017 22:39:00      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: BU-02-090717      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    | .81929 | 2.0276 | .98003 | 2.0356 | .77587 | 2.2943 | .28457 | .21314 | .20471 |
| Stddev | .00558 | .0035  | .00288 | .0099  | .00217 | .0053  | .00146 | .00004 | .00005 |
| %RSD   | .68165 | .17193 | .29338 | .48429 | .27964 | .23261 | .51348 | .01925 | .02437 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .82323 | 2.0301 | .97799 | 2.0425 | .77741 | 2.2981 | .28560 | .21311 | .20467 |
| #2 | .81534 | 2.0251 | .98206 | 2.0286 | .77434 | 2.2906 | .28354 | .21317 | .20474 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 3.7094 | .44139 | .20275 | .30586 | 3.1824 | .26230 | 3.8596 | .52454 | .07340 |
| Stddev | .0073  | .00067 | .00035 | .00116 | .1076  | .00041 | .0452  | .00045 | .00034 |
| %RSD   | .08434 | .15127 | .17493 | .38028 | 3.3805 | .15460 | 1.1712 | .08651 | .46718 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 8.7042 | .44186 | .20300 | .30668 | 3.1064 | .26202 | 3.8276 | .52486 | .07316 |
| #2 | 8.7146 | .44091 | .20250 | .30503 | 3.2585 | .26259 | 3.8916 | .52422 | .07365 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 376.97 | .32298 | .21377 | 11.271 | .40714 | .33959 | .16208 | 1.2123 | .70123 |
| Stddev | .96    | .00263 | .00795 | .048   | .00113 | .00498 | .00385 | .0081  | .00034 |
| %RSD   | .25400 | .81431 | 3.7182 | .42289 | .27684 | 1.4657 | 2.3782 | .66610 | .04824 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 377.64 | .32484 | .20815 | 11.305 | .40794 | .33607 | .15936 | 1.2066 | .70147 |
| #2 | 376.29 | .32112 | .21939 | 11.237 | .40634 | .34311 | .16481 | 1.2180 | .70099 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | .21427 | .21555 | 6.663  | .24193 |
| Stddev | .00143 | .00011 | .002   | .00101 |
| %RSD   | .66706 | .04951 | .0250  | .41761 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .21326 | .21563 | 6.662 | .24264 |
| #2 | .21528 | .21548 | 6.664 | .24121 |



Sample Name: I5158-03MSD      Acquired: 9/11/2017 22:39:00      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: BU-02-090717 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       | 2829.1 | 39451. | 3433.9 | 93.816 | 3018.2 |
| Stddev    | 14.3   | 5.     | 18.5   | 3.374  | 8.2    |
| %RSD      | .50542 | .01376 | .28781 | 3.5962 | .27139 |
| #1        | 2819.0 | 39455. | 6420.8 | 96.202 | 3012.4 |
| #2        | 2839.2 | 39447. | 6447.0 | 91.431 | 3024.0 |

Sample Name: I5158-03A      Acquired: 9/11/2017 22:43:06      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: BU-02-090717      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    | .75195 | 1.8791 | .90988 | 1.8847 | .71800 | 2.0764 | .26891 | .19849 | .18929 |
| Stddev | .00251 | .0065  | .00153 | .0018  | .00260 | .0039  | .00093 | .00011 | .00001 |
| %RSD   | .33321 | .34723 | .16785 | .09268 | .36183 | .18848 | .34696 | .05360 | .00623 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .75018 | 1.8744 | .91096 | 1.8859 | .71616 | 2.0737 | .26825 | .19842 | .18930 |
| #2 | .75372 | 1.8837 | .90880 | 1.8834 | .71983 | 2.0792 | .26957 | .19857 | .18928 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 3.8320 | .40654 | .18684 | .28174 | 2.8073 | .24715 | 3.7914 | .48326 | .06747 |
| Stddev | .0257  | .00084 | .00050 | .00028 | .0242  | .00032 | .0609  | .00108 | .00081 |
| %RSD   | .29081 | .20616 | .26525 | .10012 | .86104 | .12933 | 1.6065 | .22247 | 1.1965 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 8.8502 | .40595 | .18649 | .28194 | 2.8244 | .24737 | 3.8344 | .48402 | .06804 |
| #2 | 8.8138 | .40713 | .18719 | .28154 | 2.7902 | .24692 | 3.7483 | .48250 | .06690 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 388.01 | .29912 | .20436 | 10.415 | .37673 | .31203 | .17002 | 1.1427 | .65805 |
| Stddev | 2.84   | .00123 | .00013 | .003   | .00186 | .00312 | .00171 | .0222  | .00381 |
| %RSD   | .73201 | .40971 | .06484 | .03330 | .49414 | 1.0009 | 1.0029 | 1.9471 | .57828 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 390.02 | .29999 | .20445 | 10.412 | .37805 | .30983 | .16881 | 1.1270 | .65536 |
| #2 | 386.00 | .29825 | .20426 | 10.417 | .37541 | .31424 | .17122 | 1.1584 | .66074 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | .19781 | .19341 | 6.208  | 22344  |
| Stddev | .00150 | .00025 | .001   | .00042 |
| %RSD   | .75992 | .12797 | .0093  | .18576 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .19888 | .19358 | 6.209 | .22373 |
| #2 | .19675 | .19323 | 6.208 | .22315 |

Sample Name: I5158-03A      Acquired: 9/11/2017 22:43:06      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: BU-02-090717      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       | 2845.5  | 39253.  | 3408.6  | 91.942 | 3018.5 |
| Stddev    | 10.1    | 102.    | 22.9    | .426   | 9.8    |
| %RSD      | .35367  | .25922  | .35700  | .46280 | .32347 |
| #1        | 2838.3  | 39181.  | 6424.8  | 91.641 | 3011.6 |
| #2        | 2852.6  | 39324.  | 6392.4  | 92.243 | 3025.4 |

Sample Name: CCV13      Acquired: 9/11/2017 22:47:12      Type: Unk

Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000

User: JASWAL/BINHE      Custom ID1: CCV11642      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    | 4.9066 | 5.0700 | 4.7966 | 4.9516 | 4.7972 | 3.7276 | 3.7908 | .25638 | 2.4449 |
| Stddev | .0029  | .0117  | .0006  | .0137  | .0053  | .0383  | .0765  | .00006 | .0011  |
| %RSD   | .05827 | .23092 | .01188 | .27643 | .11042 | .39341 | .78104 | .02359 | .04423 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 4.9045 | 5.0783 | 4.7970 | 4.9613 | 4.8010 | 9.7547 | 9.8449 | .25634 | 2.4457 |
| #2 | 4.9086 | 5.0618 | 4.7962 | 4.9420 | 4.7935 | 9.7005 | 9.7367 | .25643 | 2.4442 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 25.328 | 1.0385 | 2.4013 | 1.2332 | 4.7073 | 2.5246 | 24.655 | 2.4959 | 1.2530 |
| Stddev | .013   | .0019  | .0027  | .0011  | .1041  | .0029  | .054   | .0032  | .0065  |
| %RSD   | .04957 | .18512 | .11111 | .08722 | 2.2123 | .11415 | .21778 | .12847 | .51640 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 25.320 | 1.0398 | 2.4032 | 1.2324 | 4.6336 | 2.5266 | 24.693 | 2.4936 | 1.2576 |
| #2 | 25.337 | 1.0371 | 2.3994 | 1.2339 | 4.7809 | 2.5225 | 24.617 | 2.4981 | 1.2484 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 25.244 | 2.5030 | 2.4567 | 25.212 | 4.8473 | 5.2540 | 4.8654 | 5.1729 | 4.8967 |
| Stddev | .041   | .0001  | .0544  | .048   | .0049  | .0296  | .0084  | .0344  | .0103  |
| %RSD   | .16309 | .00307 | 2.2136 | .19068 | .10016 | .56278 | .17370 | .66518 | .21116 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 25.273 | 2.5031 | 2.4183 | 25.246 | 4.8507 | 5.2749 | 4.8714 | 5.1486 | 4.9040 |
| #2 | 25.215 | 2.5030 | 2.4952 | 25.178 | 4.8439 | 5.2331 | 4.8594 | 5.1973 | 4.8894 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 5.0417 | 5.0563 | 5.425  | 5.0796 |
| Stddev | .0273  | .0159  | .013   | .0108  |
| %RSD   | .54071 | .31546 | .2431  | .21205 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 5.0609 | 5.0676 | 5.416 | 5.0720 |
| #2 | 5.0224 | 5.0450 | 5.435 | 5.0873 |

Sample Name: CCV13      Acquired: 9/11/2017 22:47:12      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: CCV11642      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       | 2911.1  | 40812.  | 3491.8  | 90.805 | 3141.3 |
| Stddev    | .3      | 97.     | 20.9    | 2.186  | .1     |
| %RSD      | .01135  | .23757  | .32185  | 2.4077 | .00286 |
| #1        | 2910.8  | 40743.  | 6477.0  | 92.351 | 3141.2 |
| #2        | 2911.3  | 40880.  | 6506.6  | 89.259 | 3141.3 |

Sample Name: CCB13      Acquired: 9/11/2017 22:51:16      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: CCB11642      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00315 | .00101 | .00127 | .00313 | .00072 | .00299 | .00093 | .00005 |
| Stddev | .00108 | .00075 | .00030 | .00427 | .00057 | .00512 | .00037 | .00008 |
| %RSD   | 34.358 | 73.962 | 23.584 | 136.13 | 79.889 | 171.08 | 40.116 | 156.12 |

|    |         |         |         |         |        |         |        |         |
|----|---------|---------|---------|---------|--------|---------|--------|---------|
| #1 | -.00391 | -.00048 | -.00149 | -.00012 | .00112 | .00063  | .00066 | .00010  |
| #2 | -.00238 | -.00154 | -.00106 | -.00615 | .00031 | -.00661 | .00119 | -.00001 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00007 | .00102 | .00010 | .00009 | .00031 | .00623 | .00005 | .01738 |
| Stddev | .00002 | .00992 | .00010 | .00003 | .00011 | .00750 | .00004 | .00511 |
| %RSD   | 34.236 | 972.40 | 106.17 | 34.091 | 35.699 | 120.36 | 90.152 | 29.393 |

|    |        |         |         |         |         |         |         |        |
|----|--------|---------|---------|---------|---------|---------|---------|--------|
| #1 | .00005 | .00803  | -.00002 | -.00007 | -.00039 | -.00093 | -.00002 | .02100 |
| #2 | .00008 | -.00599 | -.00017 | -.00011 | -.00023 | -.01153 | -.00007 | .01377 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00033 | .00078 | .25946 | .00060 | .00016 | .01488 | .00267 | .00039 |
| Stddev | .00026 | .00031 | .00127 | .00041 | .00007 | .00025 | .00075 | .00199 |
| %RSD   | 78.593 | 40.271 | .48948 | 67.508 | 41.971 | 1.6979 | 28.201 | 510.52 |

|    |         |         |        |        |         |         |        |         |
|----|---------|---------|--------|--------|---------|---------|--------|---------|
| #1 | -.00015 | -.00056 | .25857 | .00089 | -.00020 | -.01470 | .00320 | .00102  |
| #2 | -.00052 | -.00100 | .26036 | .00032 | -.00011 | -.01506 | .00214 | -.00180 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .00071 | .00170 | .00056 | .00117 | .00521 | .0026  | .00005 |  |
| Stddev | .00030 | .00881 | .00002 | .00043 | .00044 | .0010  | .00010 |  |
| %RSD   | 41.986 | 519.49 | 3.4245 | 36.577 | 8.4912 | 39.85  | 186.84 |  |

|    |        |         |        |        |         |        |         |  |
|----|--------|---------|--------|--------|---------|--------|---------|--|
| #1 | .00050 | -.00453 | .00058 | .00087 | -.00490 | -.0033 | .00002  |  |
| #2 | .00091 | .00792  | .00055 | .00147 | -.00553 | -.0019 | -.00012 |  |

Sample Name: CCB13      Acquired: 9/11/2017 22:51:16      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: CCB11642      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       | 3009.2  | 42427.  | 3509.6  | 35.873 | 3361.9 |
| Stddev    | 1.6     | 85.     | 8.8     | 2.893  | 4.7    |
| %RSD      | .05377  | .20002  | .13450  | 3.0172 | .14008 |
|           |         |         |         |        |        |
| #1        | 3010.3  | 42367.  | 6503.4  | 93.827 | 3358.6 |
| #2        | 3008.1  | 42487.  | 6515.8  | 97.918 | 3365.3 |

Sample Name: PB102221BL      Acquired: 9/11/2017 22:55:29      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: PBW      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00232 | .00056 | .00114 | .00189 | .00101 | .00809 | .00086 | .00006 |
| Stddev | .00253 | .00009 | .00111 | .00034 | .00001 | .00258 | .00034 | .00002 |
| %RSD   | 108.84 | 15.848 | 97.491 | 17.962 | .87252 | 31.944 | 39.756 | 41.156 |

|    |         |        |         |         |        |         |        |        |
|----|---------|--------|---------|---------|--------|---------|--------|--------|
| #1 | -.00411 | .00050 | -.00035 | -.00213 | .00100 | -.00992 | .00062 | .00004 |
| #2 | -.00053 | .00062 | -.00192 | -.00165 | .00101 | -.00626 | .00111 | .00008 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00009 | .02214 | .00041 | .00001 | .00030 | .00100 | .00004 | .02827 |
| Stddev | .00009 | .00155 | .00007 | .00003 | .00002 | .00525 | .00003 | .00330 |
| %RSD   | 93.414 | 7.0025 | 16.496 | 444.77 | 5.7363 | 524.85 | 73.813 | 11.675 |

|    |        |        |        |         |         |         |         |        |
|----|--------|--------|--------|---------|---------|---------|---------|--------|
| #1 | .00016 | .02323 | .00037 | -.00002 | -.00029 | .00471  | -.00002 | .03060 |
| #2 | .00003 | .02104 | .00046 | .00003  | -.00031 | -.00271 | -.00007 | .02593 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00029 | .00075 | .18263 | .00046 | .00013 | .01211 | .00065 | .00810 |
| Stddev | .00003 | .00023 | .00885 | .00016 | .00003 | .01874 | .00002 | .00187 |
| %RSD   | 9.0977 | 30.678 | 4.8436 | 34.436 | 25.103 | 154.72 | 2.4829 | 23.151 |

|    |         |         |        |        |         |         |        |         |
|----|---------|---------|--------|--------|---------|---------|--------|---------|
| #1 | -.00027 | -.00059 | .18888 | .00035 | -.00011 | -.02537 | .00064 | -.00677 |
| #2 | -.00031 | -.00092 | .17637 | .00057 | -.00015 | .00114  | .00066 | -.00942 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .00148 | .02373 | .00063 | .00094 | .00563 | .0017  | .00003 |  |
| Stddev | .00004 | .00688 | .00005 | .00040 | .00083 | .0006  | .00009 |  |
| %RSD   | 2.3796 | 28.984 | 7.2242 | 42.599 | 14.722 | 33.30  | 290.89 |  |

|    |        |         |        |        |         |        |         |  |
|----|--------|---------|--------|--------|---------|--------|---------|--|
| #1 | .00151 | -.02859 | .00066 | .00066 | -.00621 | -.0021 | -.00009 |  |
| #2 | .00146 | -.01886 | .00060 | .00122 | -.00504 | -.0013 | .00003  |  |



Sample Name: PB102221BL      Acquired: 9/11/2017 22:55:29      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: PBW      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       | 3019.8  | 42502.  | 3493.0  | 97.700 | 3380.5 |
| Stddev    | 4.8     | 3.      | 5.3     | .694   | 4.4    |
| %RSD      | .16017  | .00814  | .08123  | .71059 | .12902 |
| #1        | 3016.4  | 42500.  | 6496.8  | 97.209 | 3377.4 |
| #2        | 3023.2  | 42505.  | 6489.3  | 98.191 | 3383.6 |

Sample Name: PB102221BS      Acquired: 9/11/2017 22:59:42      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: LCSW      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |          |        |        |        |
|--------|--------|--------|--------|----------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960   | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm      | ppm    | ppm    | ppm    |
| Avg    | .78898 | 2.0410 | .95645 | 1.9315   | .78768 | 1.9965 | .21651 |
| Stddev | .00483 | .0130  | .00133 | .0065    | .00105 | .0110  | .00009 |
| %RSD   | .61238 | .63513 | .13871 | .33575   | .13288 | .55018 | .04149 |
| #1     | .78556 | 2.0318 | .95739 | 1.9269   | .78694 | 1.9887 | .21644 |
| #2     | .79239 | 2.0501 | .95551 | 1.9361   | .78842 | 2.0042 | .21657 |
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677   | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm      | ppm    | ppm    | ppm    |
| Avg    | .20118 | .19550 | 1.1370 | .44095   | .19845 | .31358 | 2.9190 |
| Stddev | .00033 | .00050 | .0148  | .00206   | .00048 | .00020 | .0006  |
| %RSD   | .16583 | .25646 | 1.3024 | .46650   | .24406 | .06534 | .02168 |
| #1     | .20141 | .19514 | 1.1265 | .44241   | .19810 | .31344 | 2.9195 |
| #2     | .20094 | .19585 | 1.1475 | .43950   | .19879 | .31373 | 2.9186 |
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280   | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm      | ppm    | ppm    | ppm    |
| Avg    | .21696 | 2.0720 | .51446 | .07106   | 3.4065 | .31838 | .19397 |
| Stddev | .00029 | .0377  | .00063 | .00039   | .0007  | .00085 | .00026 |
| %RSD   | .13275 | 1.8174 | .12272 | .55077   | .01938 | .26766 | .13470 |
| #1     | .21675 | 2.0454 | .51402 | .07133   | 3.4061 | .31899 | .19379 |
| #2     | .21716 | 2.0986 | .51491 | .07078   | 3.4070 | .31778 | .19416 |
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820   | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm      | ppm    | ppm    | ppm    |
| Avg    | 10.689 | .42052 | .33512 | F .00864 | .94232 | .68921 | .21794 |
| Stddev | .016   | .00077 | .00405 | .00370   | .01926 | .00139 | .00139 |
| %RSD   | .14855 | .18258 | 1.2098 | 42.852   | 2.0437 | .20219 | .63895 |
| #1     | 10.678 | .41998 | .33799 | -.00602  | .95594 | .68823 | .21696 |
| #2     | 10.700 | .42107 | .33225 | -.01125  | .92870 | .69020 | .21893 |

Sample Name: PB102221BS      Acquired: 9/11/2017 22:59:42      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: LCSW      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |
|--------|--------|--------|--------|
| Elem   | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    |
| Avg    | .21091 | 5.994  | .21999 |
| Stddev | .00186 | .025   | .00045 |
| %RSD   | .88420 | .4137  | .20508 |

|    |        |       |        |
|----|--------|-------|--------|
| #1 | .21223 | 5.977 | .21967 |
| #2 | .20959 | 6.012 | .22030 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2919.4  | 41997.  | 3468.4  | 94.795 | 3301.2 |
| Stddev    | 2.2     | 74.     | 6.5     | .193   | .2     |
| %RSD      | .07365  | .17603  | .09978  | .20329 | .00576 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2917.9 | 42049. | 6473.0 | 94.658 | 3301.4 |
| #2 | 2920.9 | 41945. | 6463.9 | 94.931 | 3301.1 |

Sample Name: PB102221TB      Acquired: 9/11/2017 23:03:42      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: PB102221TB      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00421 | .00127 | .00077 | .00278 | .00155 | .01009 | .00114 | .00000 |
| Stddev | .00188 | .00122 | .00040 | .00059 | .00076 | .00506 | .00041 | .0001  |
| %RSD   | 44.782 | 96.162 | 52.536 | 21.156 | 48.813 | 50.176 | 35.698 | 1167.7 |

|    |         |         |         |         |        |         |        |         |
|----|---------|---------|---------|---------|--------|---------|--------|---------|
| #1 | -.00288 | -.00040 | -.00048 | -.00319 | .00102 | -.01367 | .00085 | .00003  |
| #2 | -.00554 | -.00213 | -.00106 | -.00236 | .00209 | -.00651 | .00143 | -.00004 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00004 | .02466 | .00049 | .00043 | .00035 | .00438 | .00010 | .00147 |
| Stddev | .00005 | .00146 | .00010 | .00021 | .00079 | .00756 | .00010 | .00389 |
| %RSD   | 113.44 | 5.9253 | 20.098 | 49.194 | 224.13 | 172.75 | 95.617 | 264.49 |

|    |         |        |        |         |         |         |        |         |
|----|---------|--------|--------|---------|---------|---------|--------|---------|
| #1 | -.00001 | .02569 | .00056 | -.00028 | .00092  | .00972  | .00017 | -.00128 |
| #2 | -.00008 | .02362 | .00042 | -.00058 | -.00021 | -.00097 | .00003 | .00422  |

|        |        |        |          |        |        |        |        |        |
|--------|--------|--------|----------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895   | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm      | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00011 | .00040 | F 383.60 | .00102 | .00075 | .01041 | .00027 | .00704 |
| Stddev | .00009 | .00014 | 4.31     | .00012 | .00002 | .01742 | .00008 | .00293 |
| %RSD   | 84.638 | 35.289 | 1.1246   | 11.843 | 3.3006 | 167.26 | 30.940 | 41.605 |

|    |        |         |        |        |        |         |        |         |
|----|--------|---------|--------|--------|--------|---------|--------|---------|
| #1 | .00017 | -.00050 | 380.55 | .00093 | .00073 | -.00190 | .00021 | -.00497 |
| #2 | .00004 | -.00030 | 386.65 | .00110 | .00077 | .02273  | .00033 | -.00911 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .00789 | .01283 | .00256 | .00074 | .00058 | .0018  | .00005 |  |
| Stddev | .00104 | .00102 | .00091 | .00014 | .00062 | .0011  | .00001 |  |
| %RSD   | 13.232 | 7.9359 | 35.795 | 19.542 | 107.35 | 63.88  | 12.109 |  |

|    |        |         |        |        |         |        |        |  |
|----|--------|---------|--------|--------|---------|--------|--------|--|
| #1 | .00715 | -.01211 | .00191 | .00084 | -.00102 | -.0026 | .00005 |  |
| #2 | .00862 | -.01355 | .00320 | .00064 | -.00014 | -.0010 | .00004 |  |

Sample Name: PB102221TB      Acquired: 9/11/2017 23:03:42      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: PB102221TB      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       | 2838.0  | 39087.  | 5436.6  | 34.030 | 3042.0 |
| Stddev    | 12.0    | 89.     | 33.7    | 1.212  | 8.3    |
| %RSD      | .42376  | .22863  | .52332  | 1.2887 | .27229 |
| #1        | 2829.5  | 39023.  | 6460.4  | 94.886 | 3036.2 |
| #2        | 2846.5  | 39150.  | 6412.7  | 93.173 | 3047.9 |

Sample Name: I5171-07      Acquired: 9/11/2017 23:08:00      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: RT-2342-2669 Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00605 | .00257 | .00492 | .00106 | .00035 | .06440 | .09650 | .00008 |
| Stddev | .00160 | .00063 | .00062 | .00313 | .00074 | .00401 | .00050 | .00011 |
| %RSD   | 26.459 | 24.683 | 12.588 | 294.74 | 212.72 | 6.2259 | .51694 | 129.60 |

|    |         |         |        |         |         |        |        |        |
|----|---------|---------|--------|---------|---------|--------|--------|--------|
| #1 | -.00718 | -.00212 | .00536 | -.00327 | .00087  | .06724 | .09685 | .00001 |
| #2 | -.00492 | -.00302 | .00448 | .00115  | -.00017 | .06157 | .09615 | .00016 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00027 | 4.8534 | .00043 | .00868 | .00494 | .02120 | 1.0368 | .65782 |
| Stddev | .00022 | .0209  | .00025 | .00018 | .00041 | .00093 | .0030  | .02286 |
| %RSD   | 80.931 | .43024 | 57.883 | 2.0353 | 8.2391 | 4.3764 | .29166 | 3.4749 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00011 | 4.8386 | .00060 | .00880 | .00465 | .02186 | 1.0347 | .67398 |
| #2 | .00042 | 4.8682 | .00025 | .00855 | .00523 | .02055 | 1.0390 | .64166 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00232 | .00106 | 361.19 | .00049 | .03351 | .40318 | .00025 | .00855 |
| Stddev | .00005 | .00079 | .06    | .00077 | .00066 | .00414 | .00021 | .00361 |
| %RSD   | 2.0578 | 74.153 | .01748 | 157.10 | 1.9608 | 1.0258 | 83.561 | 42.253 |

|    |        |         |        |         |        |        |        |        |
|----|--------|---------|--------|---------|--------|--------|--------|--------|
| #1 | .00229 | -.00162 | 361.14 | .00103  | .03305 | .40026 | .00010 | .00599 |
| #2 | .00236 | -.00051 | 361.23 | -.00005 | .03398 | .40611 | .00039 | .01110 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .15166 | .40242 | .00196 | .00159 | .00033 | .0034  | .03348 |  |
| Stddev | .00248 | .00029 | .00100 | .00007 | .00065 | .0005  | .00019 |  |
| %RSD   | 1.6324 | .07230 | 51.168 | 4.2625 | 195.96 | 15.46  | .55583 |  |

|    |        |        |        |        |         |       |        |  |
|----|--------|--------|--------|--------|---------|-------|--------|--|
| #1 | .15341 | .40262 | .00125 | .00163 | .00079  | .0031 | .03335 |  |
| #2 | .14991 | .40221 | .00267 | .00154 | -.00013 | .0038 | .03361 |  |

Sample Name: I5171-07      Acquired: 9/11/2017 23:08:00      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: RT-2342-2669 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       | 2798.7  | 39106.  | 3428.7  | 32.850 | 3012.7 |
| Stddev    | 14.6    | 36.     | 26.9    | 1.479  | 13.6   |
| %RSD      | .52012  | .09204  | .41777  | 1.5923 | .45040 |
| #1        | 2788.4  | 39081.  | 6447.7  | 93.895 | 3003.1 |
| #2        | 2809.0  | 39132.  | 6409.8  | 91.805 | 3022.3 |

Sample Name: I5172-03      Acquired: 9/11/2017 23:12:17      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: S32-9020      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00015 | .00339 | .00558 | .00950 | .00001 | .56508 | .08530 | .00032 |
| Stddev | .00167 | .00259 | .00042 | .00121 | .00184 | .01994 | .00009 | .00001 |
| %RSD   | 1089.0 | 76.543 | 7.5821 | 12.686 | 18069. | 3.5285 | .10529 | 3.7043 |

|    |         |         |        |         |         |        |        |        |
|----|---------|---------|--------|---------|---------|--------|--------|--------|
| #1 | .00103  | -.00522 | .00528 | -.01035 | .00131  | .55098 | .08524 | .00031 |
| #2 | -.00133 | -.00156 | .00587 | -.00865 | -.00129 | .57918 | .08537 | .00033 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00003 | 90.985 | .00831 | .00356 | .00081 | 4.5029 | .62035 | 4.0722 |
| Stddev | .00006 | .395   | .00012 | .00012 | .00032 | .1322  | .00062 | .0205  |
| %RSD   | 252.77 | .43361 | 1.4320 | 3.5074 | 39.824 | 2.9351 | .10060 | .50456 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00002  | 90.706 | .00822 | .00347 | .00058 | 4.5964 | .62079 | 4.0868 |
| #2 | -.00007 | 91.264 | .00839 | .00364 | .00104 | 4.4095 | .61991 | 4.0577 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02075 | .00085 | 440.52 | .00228 | .06456 | 2.1817 | .00181 | .00698 |
| Stddev | .00007 | .00024 | 3.88   | .00020 | .00203 | .0132  | .00020 | .00360 |
| %RSD   | .36017 | 28.735 | .88113 | 8.8478 | 3.1446 | .60583 | 11.314 | 51.548 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .02081 | -.00068 | 443.27 | .00242 | .06599 | 2.1723 | .00195 | .00444 |
| #2 | .02070 | -.00102 | 437.78 | .00214 | .06312 | 2.1910 | .00166 | .00953 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 3.3126 | 9.5314 | .00180 | .00271 | .00871 | .0070  | .31310 |
| Stddev | .0024  | .0725  | .00073 | .00046 | .00183 | .0019  | .00087 |
| %RSD   | .07318 | .76065 | 40.425 | 16.855 | 21.042 | 26.83  | .27890 |

|    |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|-------|--------|
| #1 | 3.3143 | 9.4801 | .00231 | .00239 | .00741 | .0057 | .31248 |
| #2 | 3.3109 | 9.5826 | .00129 | .00303 | .01001 | .0083 | .31372 |



Sample Name: I5172-03      Acquired: 9/11/2017 23:12:17      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: S32-9020      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       | 2745.1  | 38423.  | 3407.6  | 31.943 | 2927.9 |
| Stddev    | 7.0     | 41.     | 13.9    | 2.736  | 10.9   |
| %RSD      | .25679  | .10621  | .21666  | 2.9759 | .37289 |
| #1        | 2740.1  | 38394.  | 6417.5  | 90.008 | 2920.2 |
| #2        | 2750.1  | 38452.  | 6397.8  | 93.877 | 2935.7 |

Sample Name: I5172-06      Acquired: 9/11/2017 23:16:32      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: S32-9021      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00258 | .00244 | .00743 | .00485 | .00091 | .20259 | .08083 | .00034 |
| Stddev | .00050 | .00351 | .00060 | .00040 | .00014 | .00125 | .00004 | .00010 |
| %RSD   | 19.342 | 143.57 | 8.0458 | 8.1940 | 15.659 | .61900 | .04834 | 28.461 |

|    |         |         |        |         |         |        |        |        |
|----|---------|---------|--------|---------|---------|--------|--------|--------|
| #1 | -.00222 | -.00492 | .00785 | -.00513 | -.00101 | .20347 | .08086 | .00041 |
| #2 | -.00293 | .00004  | .00700 | -.00457 | -.00081 | .20170 | .08080 | .00027 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00013 | 47.956 | .01800 | .00230 | .00023 | 7.9473 | .77105 | 3.2664 |
| Stddev | .00005 | .144   | .00031 | .00020 | .00012 | .1713  | .00020 | .0058  |
| %RSD   | 41.031 | .30100 | 1.7483 | 8.6433 | 52.456 | 2.1552 | .02570 | .17863 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | -.00017 | 48.058 | .01778 | .00216 | .00015 | 7.8262 | .77091 | 3.2705 |
| #2 | -.00009 | 47.854 | .01822 | .00244 | .00032 | 8.0684 | .77119 | 3.2623 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01528 | .00161 | 430.17 | .00101 | .04783 | 2.5004 | .00235 | .00672 |
| Stddev | .00029 | .00060 | 2.09   | .00052 | .00076 | .0320  | .00025 | .00761 |
| %RSD   | 1.9111 | 37.118 | .48490 | 51.970 | 1.5939 | 1.2816 | 10.697 | 113.23 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .01508 | -.00119 | 431.64 | .00138 | .04729 | 2.4777 | .00217 | .00134 |
| #2 | .01549 | -.00203 | 428.69 | .00064 | .04837 | 2.5230 | .00252 | .01210 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .12265 | .87437 | .00174 | .00402 | .00643 | .0042  | .17423 |
| Stddev | .00489 | .00304 | .00167 | .00219 | .00046 | .0003  | .00030 |
| %RSD   | 3.9847 | .34797 | 96.249 | 54.502 | 7.1655 | 7.209  | .17464 |

|    |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|-------|--------|
| #1 | .11920 | .87222 | .00292 | .00557 | .00611 | .0044 | .17401 |
| #2 | .12611 | .87652 | .00055 | .00247 | .00676 | .0040 | .17444 |

Sample Name: I5172-06      Acquired: 9/11/2017 23:16:32      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: S32-9021      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       | 2796.5  | 38683.  | 3475.4  | 39.610 | 2973.5 |
| Stddev    | 26.9    | 16.     | 33.0    | .562   | 25.4   |
| %RSD      | .96205  | .04029  | .51006  | .62688 | .85308 |
|           |         |         |         |        |        |
| #1        | 2777.5  | 38672.  | 6452.0  | 90.007 | 2955.6 |
| #2        | 2815.6  | 38694.  | 6498.7  | 89.213 | 2991.5 |

Sample Name: I5175-03      Acquired: 9/11/2017 23:20:48      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: OILY-DRUM-CO      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00459 | .00270 | .00266 | .00141 | .00147 | .14354 | .06059 | .00000 |
| Stddev | .00018 | .00062 | .00103 | .00088 | .00048 | .00918 | .00034 | .00009 |
| %RSD   | 3.8102 | 23.098 | 38.743 | 62.570 | 32.931 | 6.3978 | .56600 | 2641.8 |

|    |         |         |        |         |        |        |        |         |
|----|---------|---------|--------|---------|--------|--------|--------|---------|
| #1 | -.00447 | -.00226 | .00193 | -.00078 | .00182 | .13705 | .06083 | .00007  |
| #2 | -.00472 | -.00314 | .00339 | -.00203 | .00113 | .15004 | .06035 | -.00006 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00011 | 4.9229 | .00071 | .00142 | .01166 | .31345 | .09033 | .53689 |
| Stddev | .00000 | .0390  | .00027 | .00007 | .00026 | .01375 | .00016 | .00104 |
| %RSD   | 1.0718 | .79266 | 38.607 | 5.1262 | 2.2433 | 4.3856 | .17318 | .19315 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00011 | 4.8954 | .00052 | .00147 | .01184 | .30373 | .09044 | .53762 |
| #2 | .00011 | 4.9505 | .00091 | .00137 | .01147 | .32317 | .09022 | .53615 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00082 | .00079 | 363.80 | .00044 | .03237 | .48597 | .00045 | .00778 |
| Stddev | .00045 | .00039 | 2.67   | .00022 | .00022 | .01775 | .00041 | .00093 |
| %RSD   | 55.407 | 49.634 | .73294 | 49.431 | .68405 | 3.6515 | 89.435 | 11.914 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .00050 | -.00051 | 361.92 | .00060 | .03252 | .49852 | .00017 | .00713 |
| #2 | .00114 | -.00107 | 365.69 | .00029 | .03221 | .47342 | .00074 | .00844 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .07002 | .43118 | .00165 | .00124 | .00329 | .0031  | .02239 |  |
| Stddev | .00631 | .00923 | .00042 | .00072 | .00008 | .0002  | .00006 |  |
| %RSD   | 9.0134 | 2.1397 | 25.568 | 57.852 | 2.3521 | 4.899  | .27882 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | .07449 | .43771 | .00195 | .00174 | .00323 | .0032 | .02243 |  |
| #2 | .06556 | .42466 | .00135 | .00073 | .00334 | .0030 | .02234 |  |

Sample Name: I5175-03      Acquired: 9/11/2017 23:20:48      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: OILY-DRUM-CO      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       | 2832.9  | 39394.  | 3495.3  | 92.348 | 3037.4 |
| Stddev    | .6      | 8.      | 36.0    | .505   | 1.7    |
| %RSD      | .02192  | .01955  | .55462  | .54643 | .05496 |
| #1        | 2833.3  | 39399.  | 6520.7  | 91.991 | 3038.5 |
| #2        | 2832.4  | 39388.  | 6469.8  | 92.705 | 3036.2 |

Sample Name: I5175-06      Acquired: 9/11/2017 23:25:05      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: NORTH-EAST-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    | .00248 | .00173 | .01402 | .01193 | .00187 | .07132 | .12696 | .00008 |
| Stddev | .00033 | .00293 | .00054 | .00025 | .00036 | .01381 | .00078 | .00002 |
| %RSD   | 13.179 | 168.92 | 3.8605 | 2.0921 | 19.136 | 19.363 | .61514 | 25.901 |

|    |         |         |        |         |         |        |        |        |
|----|---------|---------|--------|---------|---------|--------|--------|--------|
| #1 | -.00225 | -.00381 | .01363 | -.01210 | -.00212 | .08108 | .12640 | .00009 |
| #2 | -.00271 | .00034  | .01440 | -.01175 | -.00162 | .06155 | .12751 | .00006 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00023 | 34.968 | .00021 | .00160 | .01345 | .04118 | .54510 | 3.2466 |
| Stddev | .00002 | .039   | .00046 | .00019 | .00088 | .00078 | .00116 | .0464  |
| %RSD   | 6.4730 | .04631 | 221.08 | 11.736 | 6.5599 | 1.9051 | .21323 | 1.4281 |

|    |        |        |         |        |        |        |        |        |
|----|--------|--------|---------|--------|--------|--------|--------|--------|
| #1 | .00025 | 84.995 | .00053  | .00147 | .01282 | .04173 | .54592 | 3.2139 |
| #2 | .00022 | 84.940 | -.00012 | .00174 | .01407 | .04062 | .54428 | 3.2794 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00271 | .00069 | 428.10 | .00094 | .03198 | .69390 | .00005 | .01133 |
| Stddev | .00002 | .00008 | .97    | .00025 | .00079 | .01328 | .00004 | .00288 |
| %RSD   | .58406 | 11.503 | .22548 | 26.189 | 2.4603 | 1.9137 | 88.759 | 25.449 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .00270 | -.00063 | 427.42 | .00111 | .03254 | .68451 | .00008 | .01337 |
| #2 | .00272 | -.00075 | 428.78 | .00076 | .03143 | .70329 | .00002 | .00929 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .14976 | .55286 | .00281 | .00222 | .00622 | .0043  | .16014 |  |
| Stddev | .00386 | .01666 | .00107 | .00044 | .00032 | .0007  | .00065 |  |
| %RSD   | 2.5780 | 3.0134 | 37.996 | 19.719 | 5.2171 | 16.40  | .40562 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | .15249 | .54108 | .00205 | .00253 | .00645 | .0038 | .16060 |  |
| #2 | .14703 | .56464 | .00356 | .00191 | .00599 | .0048 | .15968 |  |

Sample Name: I5175-06      Acquired: 9/11/2017 23:25:05      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: NORTH-EAST-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       | 2764.1  | 38491.  | 3403.7  | 30.343 | 2939.4 |
| Stddev    | 16.2    | 30.     | 2.6     | 2.549  | 11.1   |
| %RSD      | .58758  | .07917  | .04088  | 2.8218 | .37723 |
|           |         |         |         |        |        |
| #1        | 2752.6  | 38470.  | 6401.8  | 88.540 | 2931.6 |
| #2        | 2775.6  | 38513.  | 6405.5  | 92.145 | 2947.2 |

Sample Name: I5183-03      Acquired: 9/11/2017 23:29:22      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: SASP2P-TP-BM      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00095 | .00153 | .00237 | .00407 | .00051 | .03498 | .29896 | .00038 |
| Stddev | .00021 | .00238 | .00102 | .00320 | .00205 | .00248 | .00078 | .00006 |
| %RSD   | 22.027 | 155.89 | 43.119 | 78.615 | 405.90 | 7.1024 | .25973 | 15.312 |

|    |         |         |        |         |         |        |        |        |
|----|---------|---------|--------|---------|---------|--------|--------|--------|
| #1 | -.00080 | -.00321 | .00309 | -.00633 | -.00095 | .03323 | .29841 | .00034 |
| #2 | -.00109 | .00016  | .00165 | -.00181 | .00196  | .03674 | .29951 | .00043 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00006 | 10.585 | .00090 | .00001 | .00353 | .00207 | .05639 | 1.0602 |
| Stddev | .00003 | .018   | .00023 | .00026 | .00015 | .00448 | .00006 | .0170  |
| %RSD   | 54.306 | .16567 | 25.271 | 3580.5 | 4.1296 | 216.33 | .10403 | 1.6034 |

|    |        |        |        |         |        |         |        |        |
|----|--------|--------|--------|---------|--------|---------|--------|--------|
| #1 | .00004 | 10.573 | .00106 | .00018  | .00343 | -.00524 | .05634 | 1.0482 |
| #2 | .00009 | 10.598 | .00074 | -.00019 | .00364 | .00110  | .05643 | 1.0722 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00096 | .00078 | 376.31 | .00017 | .11063 | 1.5187 | .00015 | .04880 |
| Stddev | .00087 | .00026 | .36    | .00019 | .00082 | .0415  | .00001 | .00146 |
| %RSD   | 90.674 | 33.800 | .09465 | 108.19 | .73978 | 2.7293 | 4.4320 | 2.9917 |

|    |        |         |        |        |        |        |         |        |
|----|--------|---------|--------|--------|--------|--------|---------|--------|
| #1 | .00034 | -.00060 | 376.56 | .00004 | .11120 | 1.4894 | -.00014 | .04984 |
| #2 | .00158 | -.00097 | 376.06 | .00031 | .11005 | 1.5480 | -.00015 | .04777 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .32342 | .49840 | .00256 | .00016 | .00375 | .0099  | .05006 |
| Stddev | .00230 | .00349 | .00029 | .00014 | .00108 | .0004  | .00027 |
| %RSD   | .71167 | .69936 | 11.339 | 84.934 | 28.699 | 4.171  | .53581 |

|    |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|-------|--------|
| #1 | .32505 | .49594 | .00235 | .00026 | .00451 | .0102 | .05025 |
| #2 | .32179 | .50087 | .00276 | .00007 | .00299 | .0096 | .04987 |



Sample Name: I5183-03      Acquired: 9/11/2017 23:29:22      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: SASP2P-TP-BM      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       | 2839.0  | 39159.  | 3453.1  | 91.720 | 3036.0 |
| Stddev    | 15.1    | 67.     | 12.4    | .858   | 10.9   |
| %RSD      | .53173  | .17054  | .19184  | .93508 | .35806 |
|           |         |         |         |        |        |
| #1        | 2828.3  | 39112.  | 6444.4  | 91.114 | 3028.4 |
| #2        | 2849.7  | 39207.  | 6461.9  | 92.326 | 3043.7 |

Sample Name: I5184-03      Acquired: 9/11/2017 23:33:39      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: OK-02-090817      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00183 | .00130 | .00388 | .00539 | .00081 | .08129 | .08568 | .00003 |
| Stddev | .00003 | .00021 | .00113 | .00066 | .00004 | .01431 | .00044 | .00002 |
| %RSD   | 1.3698 | 16.101 | 29.117 | 12.223 | 4.9746 | 17.606 | .50864 | 59.165 |

|    |         |         |        |         |        |        |        |        |
|----|---------|---------|--------|---------|--------|--------|--------|--------|
| #1 | -.00182 | -.00115 | .00308 | -.00586 | .00084 | .07117 | .08599 | .00002 |
| #2 | -.00185 | -.00145 | .00468 | -.00492 | .00078 | .09141 | .08537 | .00004 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00017 | 21.207 | .00026 | .00198 | .00422 | .02095 | .33795 | 1.9308 |
| Stddev | .00007 | .029   | .00014 | .00025 | .00051 | .00886 | .00067 | .0602  |
| %RSD   | 39.001 | .13551 | 55.652 | 12.767 | 12.076 | 42.309 | .19953 | 3.1154 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00022 | 21.187 | .00036 | .00180 | .00386 | .02721 | .33843 | 1.8882 |
| #2 | .00012 | 21.227 | .00016 | .00216 | .00458 | .01468 | .33747 | 1.9733 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00023 | .00000 | 378.60 | .00093 | .01717 | .79597 | .00001 | .00547 |
| Stddev | .00012 | .0004  | .25    | .00008 | .00008 | .00410 | .00020 | .00142 |
| %RSD   | 52.266 | 13845. | .06633 | 8.3857 | .43785 | .51544 | 1916.0 | 25.956 |

|    |        |         |        |        |        |        |         |        |
|----|--------|---------|--------|--------|--------|--------|---------|--------|
| #1 | .00032 | -.00027 | 378.42 | .00099 | .01712 | .79307 | -.00013 | .00447 |
| #2 | .00015 | .00026  | 378.78 | .00088 | .01722 | .79887 | .00015  | .00647 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .14968 | .30216 | .00123 | .00129 | .00179 | .0056  | .04241 |  |
| Stddev | .00473 | .01774 | .00043 | .00016 | .00111 | .0019  | .00022 |  |
| %RSD   | 3.1577 | 5.8722 | 34.810 | 12.114 | 62.001 | 34.19  | .51277 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | .15302 | .28962 | .00154 | .00140 | .00101 | .0070 | .04226 |  |
| #2 | .14633 | .31471 | .00093 | .00118 | .00258 | .0043 | .04257 |  |

Sample Name: I5184-03      Acquired: 9/11/2017 23:33:39      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: OK-02-090817      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       | 2835.8  | 39396.  | 6494.9  | 92.736 | 3032.2 |
| Stddev    | 6.4     | 79.     | 1.5     | .714   | 1.6    |
| %RSD      | .22736  | .19964  | .02341  | .76942 | .05327 |
| #1        | 2831.2  | 39341.  | 6495.9  | 93.241 | 3031.1 |
| #2        | 2840.3  | 39452.  | 6493.8  | 92.232 | 3033.3 |

Sample Name: CCV14      Acquired: 9/11/2017 23:37:55      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: CRI      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | F .00409 | F .00045 | F .00160 | F .00247 | F .00120 | F .00373 | F .00141 |
| Stddev | .00223   | .00006   | .00055   | .00070   | .00053   | .00320   | .00064   |
| %RSD   | 54.514   | 14.193   | 34.623   | 28.183   | 43.866   | 85.625   | 45.815   |

|    |         |         |         |         |        |        |        |
|----|---------|---------|---------|---------|--------|--------|--------|
| #1 | -.00567 | -.00050 | -.00199 | -.00198 | .00083 | .00599 | .00095 |
| #2 | -.00251 | -.00041 | -.00121 | -.00297 | .00157 | .00147 | .00186 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | F .00003 | F .00012 | F .00458 | F .00013 | F .00005 | F .00004 | F .00373 |
| Stddev | .00004   | .00001   | .00637   | .00005   | .00023   | .00020   | .00332   |
| %RSD   | 134.64   | 10.551   | 138.93   | 36.833   | 447.83   | 559.57   | 88.955   |

|    |        |        |        |        |         |         |         |
|----|--------|--------|--------|--------|---------|---------|---------|
| #1 | .00006 | .00013 | .00008 | .00017 | -.00011 | -.00018 | -.00607 |
| #2 | .00000 | .00011 | .00909 | .00010 | .00021  | .00011  | -.00138 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | F .00008 | F .01852 | F .00032 | F .00042 | F .32316 | F .00068 | F .00076 |
| Stddev | .00000   | .00218   | .00053   | .00036   | .00566   | .00010   | .00004   |
| %RSD   | 2.2447   | 11.755   | 164.47   | 85.208   | 1.7527   | 14.360   | 5.6423   |

|    |         |        |         |         |        |        |        |
|----|---------|--------|---------|---------|--------|--------|--------|
| #1 | -.00008 | .01698 | .00005  | -.00067 | .32716 | .00061 | .00079 |
| #2 | -.00008 | .02006 | -.00070 | -.00017 | .31915 | .00075 | .00073 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | Mo2020   | B_2496   | S_1820   | Si2881   | Sn1899   | Ti3361   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | F .01553 | F .00016 | F .00209 | F .00163 | F .00892 | F .00038 | F .00087 |
| Stddev | .02463   | .00017   | .00426   | .00047   | .00286   | .00186   | .00115   |
| %RSD   | 158.54   | 103.86   | 203.78   | 28.803   | 32.021   | 485.33   | 132.81   |

|    |         |         |         |        |         |         |        |
|----|---------|---------|---------|--------|---------|---------|--------|
| #1 | -.03295 | -.00004 | -.00092 | .00196 | -.00690 | .00170  | .00005 |
| #2 | .00188  | -.00028 | .00511  | .00130 | -.01094 | -.00093 | .00168 |

Sample Name: CCV14      Acquired: 9/11/2017 23:37:55      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: CRI      Custom ID2:      Custom ID3:  
 Comment:

|        |          |         |          |
|--------|----------|---------|----------|
| Elem   | Li6707   | P_1774  | Sr4077   |
| Units  | ppm      | ppm     | ppm      |
| Avg    | F .00368 | F .0026 | F .00004 |
| Stddev | .00020   | .0019   | .00001   |
| %RSD   | 5.3972   | 72.01   | 23.736   |

|    |         |        |         |
|----|---------|--------|---------|
| #1 | -.00382 | -.0039 | -.00005 |
| #2 | -.00354 | -.0013 | -.00004 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 3005.9  | 42151.  | 3420.9  | 92.166 | 3350.1 |
| Stddev    | 5.6     | 271.    | 1.5     | .460   | 11.4   |
| %RSD      | .18731  | .64349  | .02408  | .49869 | .34086 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 3001.9 | 41959. | 6422.0 | 92.491 | 3342.0 |
| #2 | 3009.9 | 42343. | 6419.9 | 91.841 | 3358.1 |

Sample Name: LLCCV06      Acquired: 9/11/2017 23:42:07      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: ICSA5948      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    | .01772 | .04005 | .01037 | .01659 | .04708 | .09556 | .10069 | .00620 | .00605 |
| Stddev | .00418 | .00068 | .00036 | .00040 | .00101 | .01426 | .00049 | .00005 | .00004 |
| %RSD   | 23.609 | 1.6874 | 3.4963 | 2.3972 | 2.1506 | 14.925 | .48958 | .80343 | .71704 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .01476 | .03958 | .01011 | .01631 | .04780 | .10565 | .10035 | .00617 | .00602 |
| #2 | .02068 | .04053 | .01062 | .01687 | .04637 | .08548 | .10104 | .00624 | .00608 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.0665 | .01096 | .02912 | .02137 | .09360 | .02136 | 2.0469 | .04076 | .00958 |
| Stddev | .0046  | .00070 | .00007 | .00015 | .00241 | .00001 | .0049  | .00012 | .00027 |
| %RSD   | .22053 | 6.3949 | .24681 | .72001 | 2.5788 | .04399 | .24104 | .29128 | 2.8611 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.0633 | .01145 | .02907 | .02147 | .09190 | .02136 | 2.0504 | .04068 | .00978 |
| #2 | 2.0698 | .01046 | .02917 | .02126 | .09531 | .02137 | 2.0434 | .04085 | .00939 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 2.2432 | .04133 | .04018 | 1.9989 | .20112 | .10433 | .01634 | .35166 | .03958 |
| Stddev | .0064  | .00043 | .00107 | .0018  | .00018 | .00513 | .00447 | .00114 | .00060 |
| %RSD   | .28413 | 1.0505 | 2.6599 | .08784 | .08910 | 4.9140 | 27.380 | .32290 | 1.5223 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.2386 | .04102 | .04094 | 1.9976 | .20099 | .10070 | .01950 | .35086 | .03915 |
| #2 | 2.2477 | .04164 | .03943 | 2.0001 | .20125 | .10795 | .01318 | .35246 | .04000 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | .04123 | .01489 | .0227  | .02323 |
| Stddev | .00038 | .00036 | .0012  | .00007 |
| %RSD   | .91811 | 2.4031 | 5.291  | .29464 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .04150 | .01463 | .0236 | .02318 |
| #2 | .04097 | .01514 | .0219 | .02328 |

Sample Name: LLCCV06      Acquired: 9/11/2017 23:42:07      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: ICSA5948      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       | 2996.7  | 42084.  | 3449.0  | 94.420 | 3363.7 |
| Stddev    | 3.9     | 129.    | 10.5    | 2.337  | 2.8    |
| %RSD      | .12959  | .30748  | .16253  | 2.4747 | .08457 |
| #1        | 2999.5  | 42175.  | 6441.6  | 92.768 | 3365.7 |
| #2        | 2994.0  | 41992.  | 6456.4  | 96.073 | 3361.7 |

Sample Name: CCB14      Acquired: 9/11/2017 23:46:19      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: ICSAB5948      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00144 | .00047 | .00051 | .00423 | .00053 | .00157 | .00170 | .00001 |
| Stddev | .00339 | .00057 | .00042 | .00148 | .00032 | .00550 | .00042 | .00004 |
| %RSD   | 235.98 | 122.09 | 81.864 | 34.986 | 60.568 | 349.99 | 24.544 | 478.36 |

|    |         |         |         |         |         |         |        |         |
|----|---------|---------|---------|---------|---------|---------|--------|---------|
| #1 | -.00383 | -.00087 | -.00080 | -.00319 | -.00030 | -.00546 | .00141 | -.00002 |
| #2 | .00096  | -.00006 | -.00021 | -.00528 | -.00075 | .00232  | .00200 | .00004  |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00006 | .00728 | .00025 | .00011 | .00027 | .00200 | .00005 | .01009 |
| Stddev | .00002 | .02165 | .00012 | .00026 | .00017 | .01018 | .00004 | .00189 |
| %RSD   | 32.998 | 297.18 | 48.994 | 233.13 | 64.749 | 508.23 | 77.251 | 18.702 |

|    |        |         |        |         |         |         |         |         |
|----|--------|---------|--------|---------|---------|---------|---------|---------|
| #1 | .00004 | -.00802 | .00016 | -.00007 | -.00014 | -.00921 | -.00002 | -.01142 |
| #2 | .00007 | .02259  | .00033 | .00030  | -.00039 | .00520  | -.00007 | -.00875 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00041 | .00046 | .13964 | .00084 | .00014 | .01322 | .00007 | .00001 |
| Stddev | .00044 | .00037 | .01206 | .00011 | .00007 | .01577 | .00008 | .00694 |
| %RSD   | 107.01 | 80.020 | 8.6394 | 13.066 | 53.304 | 119.30 | 118.43 | 51095. |

|    |         |         |        |        |         |         |         |         |
|----|---------|---------|--------|--------|---------|---------|---------|---------|
| #1 | -.00072 | -.00073 | .14817 | .00076 | -.00009 | -.02437 | -.00001 | .00492  |
| #2 | -.00010 | -.00020 | .13111 | .00091 | -.00019 | -.00207 | -.00013 | -.00489 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00224 | .00304 | .00042 | .00065 | .00568 | .0008  | .00010 |
| Stddev | .00115 | .00446 | .00028 | .00079 | .00152 | .0011  | .00003 |
| %RSD   | 51.190 | 147.05 | 68.470 | 121.79 | 26.776 | 150.3  | 33.045 |

|    |         |         |         |         |         |        |         |
|----|---------|---------|---------|---------|---------|--------|---------|
| #1 | -.00305 | -.00619 | -.00062 | -.00121 | -.00461 | .0000  | -.00012 |
| #2 | -.00143 | .00012  | -.00021 | -.00009 | -.00676 | -.0016 | -.00008 |



Sample Name: CCB14      Acquired: 9/11/2017 23:46:19      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: ICSAB5948      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       | 2992.5  | 42254.  | 3433.1  | 94.939 | 3347.8 |
| Stddev    | 7.4     | 66.     | 12.6    | 1.668  | 8.6    |
| %RSD      | .24833  | .15623  | .19535  | 1.7571 | .25612 |
| #1        | 2987.3  | 42301.  | 6424.2  | 93.759 | 3341.7 |
| #2        | 2997.8  | 42208.  | 6442.0  | 96.118 | 3353.9 |

Sample Name: I5186-02      Acquired: 9/11/2017 23:50:31      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: 284-GRAB      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00200 | .00235 | .00633 | .01323 | .00013 | .04050 | .19692 | .00016 |
| Stddev | .00037 | .00158 | .00048 | .00120 | .00005 | .01775 | .00076 | .00006 |
| %RSD   | 18.509 | 67.468 | 7.5096 | 9.0583 | 41.556 | 43.827 | .38468 | 35.793 |

|    |         |         |        |         |         |        |        |        |
|----|---------|---------|--------|---------|---------|--------|--------|--------|
| #1 | -.00174 | -.00346 | .00666 | -.01238 | -.00009 | .05305 | .19746 | .00020 |
| #2 | -.00227 | -.00123 | .00599 | -.01408 | -.00017 | .02795 | .19639 | .00012 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00087 | 102.28 | .00039 | .01028 | .00589 | .01569 | .84979 | 3.1850 |
| Stddev | .00002 | .26    | .00009 | .00013 | .00047 | .00211 | .00023 | .0499  |
| %RSD   | 2.5875 | .25101 | 23.359 | 1.2758 | 7.8982 | 13.434 | .02724 | 1.5657 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00086 | 102.46 | .00046 | .01037 | .00557 | .01718 | .84996 | 3.2203 |
| #2 | .00089 | 102.10 | .00033 | .01019 | .00622 | .01420 | .84963 | 3.1498 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00593 | .00052 | 377.10 | .00063 | .15715 | 1.9357 | .00032 | .04384 |
| Stddev | .00006 | .00040 | 1.12   | .00016 | .00025 | .0154  | .00039 | .00177 |
| %RSD   | 1.0561 | 77.331 | .29760 | 25.574 | .15891 | .79420 | 121.62 | 4.0448 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .00597 | -.00024 | 377.90 | .00075 | .15697 | 1.9248 | .00060 | .04509 |
| #2 | .00589 | -.00080 | 376.31 | .00052 | .15732 | 1.9465 | .00005 | .04259 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.4672 | 2.6515 | .00240 | .00151 | .00142 | .0138  | .42176 |
| Stddev | .0021  | .0011  | .00031 | .00211 | .00153 | .0003  | .00137 |
| %RSD   | .08572 | .04154 | 13.033 | 139.46 | 107.41 | 2.294  | .32401 |

|    |        |        |        |         |         |       |        |
|----|--------|--------|--------|---------|---------|-------|--------|
| #1 | 2.4687 | 2.6523 | .00217 | -.00002 | -.00034 | .0136 | .42273 |
| #2 | 2.4657 | 2.6507 | .00262 | -.00300 | -.00250 | .0141 | .42080 |

Sample Name: I5186-02      Acquired: 9/11/2017 23:50:31      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: 284-GRAB      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       | 2824.2  | 39230.  | 3477.7  | 95.872 | 2990.7 |
| Stddev    | .5      | 53.     | 37.4    | .290   | 1.1    |
| %RSD      | .01922  | .13635  | .57701  | .30282 | .03683 |
| #1        | 2824.6  | 39192.  | 6451.3  | 96.077 | 2989.9 |
| #2        | 2823.8  | 39268.  | 6504.2  | 95.666 | 2991.4 |

Sample Name: I5186-02DUP      Acquired: 9/11/2017 23:54:48      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: 284-GRABDUP      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00031 | .00324 | .00530 | .01232 | .00063 | .05446 | .20626 | .00012 |
| Stddev | .00055 | .00058 | .00085 | .00069 | .00168 | .00372 | .00096 | .00011 |
| %RSD   | 179.07 | 18.011 | 16.077 | 5.5787 | 267.03 | 6.8275 | .46773 | 96.075 |

|    |         |         |        |         |         |        |        |        |
|----|---------|---------|--------|---------|---------|--------|--------|--------|
| #1 | .00008  | -.00283 | .00470 | -.01281 | -.00056 | .05709 | .20694 | .00020 |
| #2 | -.00070 | -.00365 | .00590 | -.01183 | .00182  | .05183 | .20557 | .00004 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00093 | 106.31 | .00111 | .01060 | .00542 | .00989 | .88499 | 3.3151 |
| Stddev | .00007 | .06    | .00006 | .00000 | .00051 | .00565 | .00139 | .0039  |
| %RSD   | 7.8015 | .06046 | 5.2126 | .03988 | 9.3157 | 57.148 | .15718 | .11636 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00088 | 106.27 | .00107 | .01060 | .00578 | .01389 | .88598 | 3.3178 |
| #2 | .00098 | 106.36 | .00115 | .01061 | .00507 | .00589 | .88401 | 3.3124 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00614 | .00083 | 389.03 | .00119 | .16374 | 2.0182 | .00029 | .04715 |
| Stddev | .00004 | .00048 | 4.52   | .00039 | .00202 | .0416  | .00006 | .00887 |
| %RSD   | .69610 | 57.658 | 1.1630 | 32.685 | 1.2335 | 2.0594 | 19.032 | 18.806 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .00611 | -.00049 | 392.22 | .00092 | .16231 | 1.9888 | .00025 | .04088 |
| #2 | .00617 | -.00117 | 385.83 | .00147 | .16517 | 2.0475 | .00033 | .05342 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.5037 | 2.7313 | .00173 | .00290 | .00632 | .0124  | .43896 |
| Stddev | .0003  | .0055  | .00057 | .00061 | .00042 | .0027  | .00003 |
| %RSD   | .01001 | .20098 | 33.212 | 20.906 | 6.5922 | 21.91  | .00743 |

|    |        |        |        |         |        |       |        |
|----|--------|--------|--------|---------|--------|-------|--------|
| #1 | 2.5038 | 2.7352 | .00132 | -.00332 | .00661 | .0144 | .43898 |
| #2 | 2.5035 | 2.7274 | .00214 | -.00247 | .00602 | .0105 | .43893 |

Sample Name: I5186-02DUP      Acquired: 9/11/2017 23:54:48      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: 284-GRABDUP      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       | 2780.5  | 38580.  | 3453.7  | 92.927 | 2959.1 |
| Stddev    | 13.7    | 131.    | 27.3    | .906   | 6.4    |
| %RSD      | .49361  | .34072  | .42354  | .97543 | .21605 |
| #1        | 2770.8  | 38487.  | 6434.4  | 93.568 | 2954.5 |
| #2        | 2790.2  | 38673.  | 6473.1  | 92.286 | 2963.6 |

Sample Name: I5186-02LX5      Acquired: 9/11/2017 23:59:05      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: 284-GRAB      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00119 | .00006 | .00041 | .00490 | .00109 | .02070 | .04151 | .00012 |
| Stddev | .00203 | .00016 | .00082 | .00273 | .00193 | .00861 | .00047 | .00006 |
| %RSD   | 170.76 | 281.58 | 196.42 | 55.851 | 177.08 | 41.617 | 1.1434 | 47.807 |

|    |         |         |         |         |         |        |        |        |
|----|---------|---------|---------|---------|---------|--------|--------|--------|
| #1 | -.00263 | -.00006 | .00016  | -.00683 | -.00245 | .02679 | .04184 | .00008 |
| #2 | .00025  | .00017  | -.00099 | -.00296 | .00027  | .01461 | .04117 | .00016 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00017 | 21.330 | .00333 | .00224 | .00098 | .00671 | .17813 | .69603 |
| Stddev | .00002 | .023   | .00051 | .00038 | .00034 | .01715 | .00038 | .01384 |
| %RSD   | 13.395 | .10944 | 15.309 | 17.127 | 34.802 | 255.71 | .21396 | 1.9884 |

|    |        |        |        |        |        |         |        |        |
|----|--------|--------|--------|--------|--------|---------|--------|--------|
| #1 | .00018 | 21.314 | .00297 | .00197 | .00074 | -.00542 | .17840 | .70582 |
| #2 | .00015 | 21.347 | .00369 | .00251 | .00123 | .01883  | .17786 | .68624 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00276 | .00047 | 78.548 | .00055 | .03513 | .39577 | .00042 | .00396 |
| Stddev | .00010 | .00011 | .005   | .00005 | .00007 | .02428 | .00028 | .00293 |
| %RSD   | 3.6381 | 22.794 | .00606 | 9.3945 | .21123 | 6.1358 | 66.111 | 73.982 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .00269 | -.00039 | 78.551 | .00058 | .03519 | .37860 | .00062 | .00189 |
| #2 | .00283 | -.00055 | 78.544 | .00051 | .03508 | .41295 | .00022 | .00604 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .47823 | .54547 | .00026 | .00009 | .00197 | .0020  | .08695 |
| Stddev | .00029 | .01507 | .00018 | .00113 | .00026 | .0024  | .00041 |
| %RSD   | .06002 | 2.7621 | 69.132 | 1209.7 | 13.396 | 120.8  | .47726 |

|    |        |        |        |         |         |       |        |
|----|--------|--------|--------|---------|---------|-------|--------|
| #1 | .47802 | .55612 | .00013 | -.00089 | -.00178 | .0003 | .08666 |
| #2 | .47843 | .53481 | .00038 | .00071  | -.00216 | .0037 | .08725 |

Sample Name: I5186-02LX5      Acquired: 9/11/2017 23:59:05      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: 284-GRAB      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       | 2943.5  | 40921.  | 3442.4  | 94.616 | 3219.1 |
| Stddev    | 2.9     | 199.    | 27.4    | .388   | 1.3    |
| %RSD      | .09845  | .48748  | .42533  | .41000 | .03978 |
| #1        | 2945.6  | 40779.  | 6461.8  | 94.890 | 3218.1 |
| #2        | 2941.5  | 41062.  | 6423.0  | 94.342 | 3220.0 |

Sample Name: I5186-02MS      Acquired: 9/12/2017 00:03:17      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: 284-GRABMS      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    | .81978 | 2.0061 | .96583 | 2.0457 | .78917 | 2.1426 | .42863 | .21620 | .20212 |
| Stddev | .00311 | .0010  | .00063 | .0014  | .00004 | .0040  | .00093 | .00048 | .00029 |
| %RSD   | .37905 | .04833 | .06487 | .06745 | .00528 | .18801 | .21707 | .22413 | .14541 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .82198 | 2.0068 | .96627 | 2.0467 | .78920 | 2.1454 | .42928 | .21586 | .20233 |
| #2 | .81758 | 2.0054 | .96539 | 2.0448 | .78914 | 2.1397 | .42797 | .21654 | .20191 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 112.66 | .43416 | .21087 | .30435 | 2.8230 | 1.1251 | 5.5122 | .52417 | .07454 |
| Stddev | .10    | .00145 | .00026 | .00168 | .0335  | .0014  | .0631  | .00040 | .00048 |
| %RSD   | .09026 | .33469 | .12191 | .55326 | 1.1850 | .12027 | 1.1449 | .07613 | .64231 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 112.73 | .43314 | .21105 | .30554 | 2.7993 | 1.1260 | 5.5568 | .52445 | .07488 |
| #2 | 112.59 | .43519 | .21069 | .30316 | 2.8466 | 1.1241 | 5.4675 | .52389 | .07421 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 415.30 | .31915 | .36431 | 12.930 | .41313 | .38012 | 2.6063 | 3.8553 | .70651 |
| Stddev | 1.64   | .00040 | .00025 | .034   | .00062 | .00166 | .0067  | .0010  | .00192 |
| %RSD   | .39542 | .12531 | .06725 | .26218 | .14975 | .43747 | .25587 | .02464 | .27186 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 416.46 | .31886 | .36414 | 12.906 | .41357 | .37895 | 2.6016 | 3.8559 | .70787 |
| #2 | 414.14 | .31943 | .36449 | 12.954 | .41270 | .38130 | 2.6111 | 3.8546 | .70516 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | .21217 | .22186 | 6.839  | .67563 |
| Stddev | .00087 | .00024 | .024   | .00002 |
| %RSD   | .40815 | .11016 | .3468  | .00364 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .21156 | .22203 | 6.822 | .67564 |
| #2 | .21279 | .22168 | 6.856 | .67561 |



Sample Name: I5186-02MS      Acquired: 9/12/2017 00:03:17      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: 284-GRABMS      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       | 2756.8 | 38585. | 3314.0 | 92.207 | 2933.2 |
| Stddev    | 15.2   | 165.   | 42.6   | .297   | 9.8    |
| %RSD      | .55276 | .42716 | .67548 | .32204 | .33422 |
| #1        | 2746.0 | 38468. | 6283.9 | 91.997 | 2926.2 |
| #2        | 2767.6 | 38701. | 6344.2 | 92.417 | 2940.1 |

Sample Name: I5186-02MSD      Acquired: 9/12/2017 00:07:23      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: 284-GRABMSD      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    | .82407 | 2.0079 | .96532 | 2.0474 | .78880 | 2.1709 | .42830 | .21597 | .20207 |
| Stddev | .00204 | .0021  | .00188 | .0055  | .00057 | .0152  | .00117 | .00048 | .00006 |
| %RSD   | .24767 | .10675 | .19517 | .26605 | .07194 | .69931 | .27401 | .22245 | .02803 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .82552 | 2.0095 | .96398 | 2.0512 | .78920 | 2.1816 | .42913 | .21631 | .20211 |
| #2 | .82263 | 2.0064 | .96665 | 2.0435 | .78840 | 2.1602 | .42747 | .21563 | .20203 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 112.42 | .43572 | .21087 | .30388 | 2.9739 | 1.1230 | 5.4416 | .52331 | .07427 |
| Stddev | .29    | .00029 | .00081 | .00072 | .0156  | .0007  | .0251  | .00138 | .00063 |
| %RSD   | .25813 | .06636 | .38212 | .23772 | .52406 | .06302 | .46128 | .26429 | .85063 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 112.21 | .43592 | .21030 | .30337 | 2.9629 | 1.1235 | 5.4239 | .52233 | .07472 |
| #2 | 112.62 | .43551 | .21144 | .30439 | 2.9849 | 1.1225 | 5.4594 | .52429 | .07382 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 409.37 | .32230 | .37751 | 12.933 | .41237 | .38031 | 2.6130 | 3.8301 | .70579 |
| Stddev | 3.00   | .00159 | .00038 | .008   | .00030 | .00092 | .0095  | .0307  | .00290 |
| %RSD   | .73228 | .49475 | .10070 | .06054 | .07219 | .24073 | .36382 | .80139 | .41051 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 407.25 | .32342 | .37778 | 12.938 | .41258 | .38095 | 2.6198 | 3.8518 | .70374 |
| #2 | 411.49 | .32117 | .37724 | 12.927 | .41216 | .37966 | 2.6063 | 3.8084 | .70784 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | .21154 | .22003 | 6.855  | .67505 |
| Stddev | .00320 | .00234 | .015   | .00249 |
| %RSD   | 1.5149 | 1.0646 | .2143  | .36945 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .20928 | .22169 | 6.845 | .67681 |
| #2 | .21381 | .21838 | 6.865 | .67328 |

Sample Name: I5186-02MSD      Acquired: 9/12/2017 00:07:23      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: 284-GRABMSD      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       | 2768.5  | 38831.  | 3428.7  | 39.176 | 2942.8 |
| Stddev    | 5.8     | 207.    | 8.6     | .169   | 3.4    |
| %RSD      | .20948  | .53339  | .13452  | .18957 | .11489 |
| #1        | 2764.4  | 38685.  | 6434.8  | 89.057 | 2940.4 |
| #2        | 2772.6  | 38978.  | 6422.6  | 89.296 | 2945.2 |

Sample Name: I5186-02A      Acquired: 9/12/2017 00:11:28      Type: Unk

Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000

User: JASWAL/BINHE      Custom ID1: 284-GRAB      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    | .72799 | 1.7970 | .86506 | 1.8150 | .69883 | 1.9087 | .38723 | .19301 | .18019 |
| Stddev | .00153 | .0002  | .00033 | .0014  | .00464 | .0120  | .00218 | .00058 | .00002 |
| %RSD   | .21017 | .01059 | .03800 | .07559 | .66461 | .62724 | .56176 | .30182 | .01371 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .72907 | 1.7972 | .86483 | 1.8140 | .69554 | 1.9003 | .38877 | .19260 | .18017 |
| #2 | .72691 | 1.7969 | .86529 | 1.8159 | .70211 | 1.9172 | .38569 | .19342 | .18020 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 104.97 | .38606 | .18792 | .27159 | 2.5711 | 1.0407 | 5.0536 | .46506 | .06624 |
| Stddev | .01    | .00275 | .00044 | .00023 | .1099  | .0051  | .0129  | .00038 | .00014 |
| %RSD   | .00852 | .71144 | .23252 | .08314 | 4.2752 | .49281 | .25499 | .08207 | .21361 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 104.98 | .38412 | .18761 | .27175 | 2.6489 | 1.0371 | 5.0627 | .46533 | .06614 |
| #2 | 104.97 | .38800 | .18823 | .27143 | 2.4934 | 1.0443 | 5.0445 | .46479 | .06634 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 383.83 | .28445 | .33555 | 11.555 | .36446 | .33693 | 2.4693 | 3.5470 | .63230 |
| Stddev | 4.44   | .00167 | .01211 | .021   | .00049 | .00199 | .0067  | .0227  | .00020 |
| %RSD   | 1.1578 | .58814 | 3.6096 | .17796 | .13433 | .59163 | .27275 | .64080 | .03118 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 386.97 | .28327 | .34411 | 11.541 | .36411 | .33552 | 2.4741 | 3.5310 | .63216 |
| #2 | 380.69 | .28564 | .32698 | 11.570 | .36481 | .33834 | 2.4646 | 3.5631 | .63244 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | .18707 | .19034 | 6.127  | 61878  |
| Stddev | .00118 | .00026 | .019   | .00167 |
| %RSD   | .63309 | .13689 | .3062  | .26939 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .18623 | .19016 | 6.141 | .61996 |
| #2 | .18791 | .19053 | 6.114 | .61760 |

Sample Name: I5186-02A      Acquired: 9/12/2017 00:11:28      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: 284-GRAB      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       | 2814.2 | 39358. | 3437.6 | 92.889 | 2982.3 |
| Stddev    | .2     | 157.   | 27.0   | 3.518  | 1.9    |
| %RSD      | .00710 | .39950 | .42017 | 3.7878 | .06285 |
| #1        | 2814.4 | 39469. | 6418.5 | 90.402 | 2980.9 |
| #2        | 2814.1 | 39247. | 6456.8 | 95.377 | 2983.6 |

Sample Name: I5138-04      Acquired: 9/12/2017 00:15:34      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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    | .11828 | .00334 | .26581 | .05040 | .00962 | 120.02 | .43801 | .00838 |
| Stddev | .00021 | .00292 | .00021 | .00133 | .00041 | .33    | .00114 | .00015 |
| %RSD   | .17904 | 87.513 | .07903 | 2.6343 | 4.2553 | .27836 | .26095 | 1.7661 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .11813 | -.00541 | .26596 | .04946 | .00933 | 120.26 | .43882 | .00848 |
| #2 | .11843 | -.00127 | .26566 | .05134 | .00991 | 119.79 | .43720 | .00827 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00050 | 129.82 | .24184 | .04778 | .08933 | 287.76 | 7.6420 | 32.830 |
| Stddev | .00020 | .14    | .00127 | .00029 | .00164 | .72    | .0310  | .296   |
| %RSD   | 40.798 | .10427 | .52353 | .61306 | 1.8313 | .24866 | .40509 | .90229 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | -.00036 | 129.91 | .24094 | .04758 | .09048 | 287.25 | 7.6639 | 33.040 |
| #2 | -.00065 | 129.72 | .24273 | .04799 | .08817 | 288.26 | 7.6201 | 32.621 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .09513 | .01731 | 2.0920 | .45552 | .50545 | 15.111 | .00744 | .20274 |
| Stddev | .00037 | .00033 | .0162  | .00198 | .00412 | .001   | .00023 | .00194 |
| %RSD   | .38845 | 1.8829 | .77586 | .43475 | .81544 | .00756 | 3.1299 | .95834 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .09487 | -.01708 | 2.0805 | .45692 | .50254 | 15.110 | .00760 | .20137 |
| #2 | .09539 | -.01754 | 2.1035 | .45412 | .50837 | 15.112 | .00727 | .20411 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | 11.639 | 3.2240 | .02040 | 1.0767 | .06588 | 10.90  | .20657 |  |
| Stddev | .013   | .0099  | .00044 | .0007  | .00056 | .01    | .00015 |  |
| %RSD   | .10888 | .30615 | 2.1655 | .06303 | .84465 | .0915  | .07340 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | 11.630 | 3.2170 | .02009 | 1.0772 | .06548 | 10.90 | .20647 |  |
| #2 | 11.648 | 3.2310 | .02071 | 1.0762 | .06627 | 10.91 | .20668 |  |

Sample Name: I5138-04      Acquired: 9/12/2017 00:15:34      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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       | 3077.3  | 43693.  | 7282.8  | 93.529 | 3017.6 |
| Stddev    | 4.0     | 53.     | 2.7     | .554   | 2.9    |
| %RSD      | .13005  | .12078  | .03745  | .59202 | .09606 |
| #1        | 3074.5  | 43656.  | 7284.8  | 93.920 | 3015.6 |
| #2        | 3080.2  | 43730.  | 7280.9  | 93.137 | 3019.6 |

Sample Name: I5138-05      Acquired: 9/12/2017 00:19:44      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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    | .13021 | .00154 | .28053 | .05866 | .00916 | 138.73 | .42968 | .00916 |
| Stddev | .00325 | .00173 | .00172 | .00214 | .00007 | .20    | .00273 | .00004 |
| %RSD   | 2.4926 | 111.99 | .61454 | 3.6439 | .76001 | .14502 | .63452 | .45321 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .13250 | -.00276 | .28175 | .05714 | .00911 | 138.58 | .43160 | .00913 |
| #2 | .12791 | -.00032 | .27931 | .06017 | .00921 | 138.87 | .42775 | .00919 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00071 | 97.880 | .26164 | .04866 | .10406 | 310.53 | 4.5061 | 16.126 |
| Stddev | .00030 | .045   | .00170 | .00044 | .00309 | 3.82   | .0053  | .107   |
| %RSD   | 42.728 | .04633 | .65088 | .90924 | 2.9680 | 1.2308 | .11695 | .66490 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | -.00092 | 97.912 | .26284 | .04898 | .10188 | 313.23 | 4.5024 | 16.202 |
| #2 | -.00049 | 97.848 | .26043 | .04835 | .10624 | 307.83 | 4.5098 | 16.050 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .10251 | .01905 | 2.4355 | .52152 | .60358 | 15.852 | .00703 | .21996 |
| Stddev | .00029 | .00053 | .0231  | .00200 | .01148 | .080   | .00052 | .00911 |
| %RSD   | .28161 | 2.7864 | .94650 | .38268 | 1.9013 | .50724 | 7.3980 | 4.1429 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .10272 | -.01867 | 2.4518 | .52293 | .61170 | 15.909 | .00740 | .22641 |
| #2 | .10231 | -.01942 | 2.4192 | .52010 | .59547 | 15.795 | .00666 | .21352 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 11.481 | 3.0830 | .02335 | .94419 | .06412 | 11.40  | .18328 |
| Stddev | .019   | .0107  | .00025 | .00328 | .00008 | .00    | .00040 |
| %RSD   | .16219 | .34682 | 1.0795 | .34783 | .11814 | .0277  | .21675 |

|    |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|-------|--------|
| #1 | 11.467 | 3.0754 | .02353 | .94651 | .06406 | 11.41 | .18356 |
| #2 | 11.494 | 3.0906 | .02318 | .94187 | .06417 | 11.40 | .18300 |



Sample Name: I5138-05      Acquired: 9/12/2017 00:19:44      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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       | 3100.3  | 43907.  | 7292.2  | 94.134 | 3035.9 |
| Stddev    | 8.9     | 78.     | 47.3    | 1.611  | 3.1    |
| %RSD      | .28693  | .17851  | .64873  | 1.7111 | .10179 |
| #1        | 3106.6  | 43852.  | 7258.8  | 92.995 | 3038.1 |
| #2        | 3094.1  | 43963.  | 7325.7  | 95.273 | 3033.7 |

Sample Name: I5138-06      Acquired: 9/12/2017 00:23:47      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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    | .11000 | .00124 | .27380 | .04277 | .00579 | 101.34 | .37482 | .00722 |
| Stddev | .00125 | .00273 | .00167 | .00008 | .00150 | .15    | .00008 | .00003 |
| %RSD   | 1.1355 | 220.38 | .60959 | .17661 | 25.889 | .15144 | .02227 | .44936 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .10912 | .00069  | .27498 | .04272 | .00685 | 101.23 | .37476 | .00724 |
| #2 | .11089 | -.00317 | .27262 | .04282 | .00473 | 101.45 | .37488 | .00719 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00019 | 59.169 | .24357 | .04430 | .08075 | 238.69 | 2.7409 | 15.109 |
| Stddev | .00032 | .264   | .00052 | .00012 | .00121 | 2.09   | .0045  | .101   |
| %RSD   | 173.64 | .44606 | .21503 | .26971 | 1.5017 | .87499 | .16324 | .66939 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | -.00041 | 58.983 | .24320 | .04438 | .07989 | 240.17 | 2.7378 | 15.038 |
| #2 | .00004  | 59.356 | .24394 | .04421 | .08161 | 237.22 | 2.7441 | 15.181 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .09026 | .01600 | 1.1471 | .43446 | .49730 | 12.492 | .00685 | .16695 |
| Stddev | .00105 | .00057 | .0073  | .00145 | .00339 | .011   | .00029 | .01403 |
| %RSD   | 1.1641 | 3.5343 | .63385 | .33444 | .68264 | .08675 | 4.2830 | 8.4054 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .09100 | -.01640 | 1.1420 | .43343 | .49971 | 12.484 | .00706 | .17687 |
| #2 | .08952 | -.01560 | 1.1522 | .43548 | .49490 | 12.500 | .00664 | .15702 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 3.7319 | 3.3124 | .02264 | 1.0360 | .07110 | 3.403  | .14454 |
| Stddev | .0094  | .0193  | .00085 | .0051  | .00015 | .014   | .00026 |
| %RSD   | .10758 | .58320 | 3.7514 | .49393 | .21259 | .2237  | .17746 |

|    |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|-------|--------|
| #1 | 8.7253 | 3.3260 | .02324 | 1.0324 | .07120 | 6.393 | .14435 |
| #2 | 8.7386 | 3.2987 | .02204 | 1.0396 | .07099 | 6.413 | .14472 |

Sample Name: I5138-06      Acquired: 9/12/2017 00:23:47      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      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       | 3130.9  | 44169.  | 7302.9  | 96.493 | 3099.3 |
| Stddev    | 5.6     | 43.     | 5.0     | .859   | 2.8    |
| %RSD      | .17819  | .09754  | .06861  | .89071 | .09164 |
| #1        | 3134.8  | 44139.  | 7306.4  | 95.885 | 3101.3 |
| #2        | 3127.0  | 44199.  | 7299.3  | 97.101 | 3097.2 |

Sample Name: I5138-07      Acquired: 9/12/2017 00:27:51      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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    | .14082 | .00224 | .30539 | .05683 | .00659 | 112.90 | .44767 | .00932 |
| Stddev | .00028 | .00153 | .00024 | .00016 | .00024 | .07    | .00013 | .00009 |
| %RSD   | .19683 | 68.478 | .07746 | .27837 | 3.5679 | .06316 | .02857 | .93017 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .14062 | -.00116 | .30555 | .05672 | .00642 | 112.95 | .44776 | .00926 |
| #2 | .14102 | -.00333 | .30522 | .05694 | .00676 | 112.85 | .44758 | .00938 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00053 | 107.36 | .26709 | .05001 | .07998 | 313.03 | 4.6064 | 19.454 |
| Stddev | .00009 | .12    | .00018 | .00001 | .00218 | 2.09   | .0056  | .051   |
| %RSD   | 17.209 | .11118 | .06722 | .01029 | 2.7265 | .66610 | .12273 | .26373 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00059 | 107.44 | .26696 | .05002 | .08152 | 311.56 | 4.6104 | 19.417 |
| #2 | .00046 | 107.27 | .26722 | .05001 | .07844 | 314.50 | 4.6024 | 19.490 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .09690 | .01884 | 2.0604 | .49982 | .69243 | 14.948 | .00659 | .22722 |
| Stddev | .00043 | .00089 | .0030  | .00101 | .00348 | .038   | .00004 | .00606 |
| %RSD   | .44731 | 4.7232 | .14679 | .20275 | .50219 | .25274 | .55172 | 2.6670 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .09660 | -.01947 | 2.0625 | .50054 | .68997 | 14.921 | .00661 | .23150 |
| #2 | .09721 | -.01821 | 2.0582 | .49910 | .69489 | 14.974 | .00656 | .22293 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 10.315 | 3.3355 | .02162 | .94861 | .06905 | 10.01  | .21499 |
| Stddev | .009   | .0017  | .00087 | .01339 | .00037 | .00    | .00123 |
| %RSD   | .08817 | .04973 | 4.0398 | 1.4116 | .53320 | .0266  | .57294 |

|    |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|-------|--------|
| #1 | 10.308 | 3.3366 | .02100 | .95808 | .06931 | 10.01 | .21587 |
| #2 | 10.321 | 3.3343 | .02224 | .93915 | .06879 | 10.00 | .21412 |

Sample Name: I5138-07      Acquired: 9/12/2017 00:27:51      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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       | 3103.0  | 44458.  | 7408.5  | 95.162 | 3024.1 |
| Stddev    | 9.3     | 6.      | 20.8    | .210   | 1.9    |
| %RSD      | .30031  | .01348  | .28040  | .22108 | .06335 |
| #1        | 3096.4  | 44453.  | 7393.8  | 95.310 | 3022.7 |
| #2        | 3109.6  | 44462.  | 7423.2  | 95.013 | 3025.4 |

Sample Name: CCV15      Acquired: 9/12/2017 00:31:54      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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    | 4.8903 | 5.0648 | 4.7588 | 4.9597 | 4.7734 | 3.7379 | 3.7776 | .25487 | 2.4317 |
| Stddev | .0043  | .0054  | .0105  | .0048  | .0079  | .0725  | .0018  | .00092 | .0034  |
| %RSD   | .08690 | .10636 | .22112 | .09718 | .16611 | .74435 | .01886 | .35901 | .14142 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 4.8873 | 5.0686 | 4.7662 | 4.9563 | 4.7790 | 9.6866 | 9.7763 | .25422 | 2.4341 |
| #2 | 4.8933 | 5.0610 | 4.7513 | 4.9631 | 4.7678 | 9.7891 | 9.7789 | .25552 | 2.4293 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 25.305 | 1.0341 | 2.3895 | 1.2334 | 4.5328 | 2.5140 | 24.742 | 2.4946 | 1.2462 |
| Stddev | .024   | .0002  | .0052  | .0007  | .0173  | .0083  | .047   | .0003  | .0008  |
| %RSD   | .09570 | .01627 | .21570 | .05437 | .38246 | .33204 | .18991 | .01170 | .06702 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 25.322 | 1.0340 | 2.3931 | 1.2330 | 4.5206 | 2.5081 | 24.775 | 2.4944 | 1.2456 |
| #2 | 25.288 | 1.0342 | 2.3858 | 1.2339 | 4.5451 | 2.5199 | 24.709 | 2.4949 | 1.2468 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 25.165 | 2.4901 | 2.3494 | 25.051 | 4.8070 | 5.2459 | 4.8604 | 5.1557 | 4.8831 |
| Stddev | .089   | .0049  | .0009  | .006   | .0039  | .0196  | .0154  | .0362  | .0088  |
| %RSD   | .35562 | .19529 | .03892 | .02233 | .08189 | .37275 | .31666 | .70223 | .18107 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 25.228 | 2.4866 | 2.3487 | 25.047 | 4.8097 | 5.2321 | 4.8712 | 5.1301 | 4.8894 |
| #2 | 25.101 | 2.4935 | 2.3500 | 25.055 | 4.8042 | 5.2597 | 4.8495 | 5.1813 | 4.8769 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 5.0214 | 5.0437 | 5.434  | 5.0048 |
| Stddev | .0033  | .0141  | .021   | .0278  |
| %RSD   | .06485 | .27871 | .3909  | .55601 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 5.0238 | 5.0536 | 5.449 | 5.0245 |
| #2 | 5.0191 | 5.0337 | 5.419 | 4.9851 |

Sample Name: CCV15      Acquired: 9/12/2017 00:31:54      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      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       | 2916.9  | 40812.  | 3522.6  | 94.226 | 3144.3 |
| Stddev    | 6.8     | 57.     | 36.2    | .098   | 8.1    |
| %RSD      | .23405  | .13978  | .55448  | .10377 | .25794 |
| #1        | 2912.1  | 40852.  | 6497.0  | 94.156 | 3138.6 |
| #2        | 2921.7  | 40771.  | 6548.2  | 94.295 | 3150.1 |

Sample Name: LLCCV07      Acquired: 9/12/2017 00:35:59      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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    | .01664 | .04178 | .01101 | .01860 | .04891 | .09394 | .10125 | .00619 | .00611 |
| Stddev | .00105 | .00065 | .00018 | .00230 | .00072 | .00868 | .00067 | .00013 | .00002 |
| %RSD   | 6.3382 | 1.5592 | 1.6276 | 12.378 | 1.4790 | 9.2378 | .66374 | 2.1552 | .28512 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .01739 | .04224 | .01089 | .02023 | .04839 | .08780 | .10078 | .00610 | .00610 |
| #2 | .01590 | .04132 | .01114 | .01697 | .04942 | .10008 | .10173 | .00629 | .00612 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.0681 | .01117 | .02912 | .02143 | .09780 | .02131 | 2.0756 | .04056 | .00969 |
| Stddev | .0017  | .00003 | .00011 | .00030 | .00265 | .00001 | .0040  | .00040 | .00012 |
| %RSD   | .08131 | .24786 | .37125 | 1.4227 | 2.7114 | .03397 | .19522 | .98272 | 1.2490 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.0669 | .01115 | .02920 | .02121 | .09967 | .02131 | 2.0785 | .04084 | .00978 |
| #2 | 2.0693 | .01119 | .02904 | .02164 | .09592 | .02132 | 2.0728 | .04028 | .00961 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 2.1239 | .04112 | .03906 | 2.0158 | 20430  | .09915 | .01568 | .36873 | .03951 |
| Stddev | .0069  | .00063 | .00043 | .0316  | .00112 | .00041 | .00269 | .00693 | .00019 |
| %RSD   | .32532 | 1.5416 | 1.1137 | 1.5691 | .55043 | .41335 | 17.184 | 1.8782 | .49028 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.1191 | .04157 | .03875 | 2.0382 | .20510 | .09886 | .01378 | .36383 | .03964 |
| #2 | 2.1288 | .04067 | .03936 | 1.9935 | .20351 | .09944 | .01759 | .37362 | .03937 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | .04135 | .01595 | .0214  | .02319 |
| Stddev | .00115 | .00096 | .0029  | .00007 |
| %RSD   | 2.7754 | 6.0077 | 13.53  | .31735 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .04216 | .01663 | .0235 | .02324 |
| #2 | .04053 | .01527 | .0194 | .02314 |



Sample Name: LLCCV07      Acquired: 9/12/2017 00:35:59      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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       | 3001.2  | 42228.  | 3518.6  | 96.993 | 3366.1 |
| Stddev    | 6.1     | 84.     | 24.6    | .620   | .9     |
| %RSD      | .20161  | .19832  | .37725  | .63956 | .02698 |
| #1        | 3005.5  | 42287.  | 6501.2  | 97.432 | 3366.8 |
| #2        | 2997.0  | 42168.  | 6536.0  | 96.555 | 3365.5 |

Sample Name: CCB15      Acquired: 9/12/2017 00:40:10      Type: Unk  
Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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    | .00264 | .00068 | .00090 | .00331 | .00145 | .00297 | .00100 | .00000 |
| Stddev | .00264 | .00003 | .00037 | .00058 | .00079 | .00407 | .00081 | .00003 |
| %RSD   | 99.885 | 5.1211 | 41.404 | 17.389 | 54.236 | 136.93 | 81.182 | 7566.3 |

|    |         |         |         |         |        |         |        |         |
|----|---------|---------|---------|---------|--------|---------|--------|---------|
| #1 | -.00451 | -.00065 | -.00064 | -.00290 | .00201 | -.00009 | .00157 | .00002  |
| #2 | -.00078 | -.00070 | -.00116 | -.00372 | .00089 | -.00585 | .00043 | -.00002 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00005 | .01845 | .00024 | .00012 | .00032 | .00887 | .00000 | .01387 |
| Stddev | .00004 | .00871 | .00008 | .00003 | .00048 | .01098 | .00006 | .01264 |
| %RSD   | 83.053 | 47.227 | 33.133 | 26.542 | 149.81 | 123.89 | 7414.3 | 91.114 |

|    |        |        |        |        |         |        |         |        |
|----|--------|--------|--------|--------|---------|--------|---------|--------|
| #1 | .00002 | .02461 | .00019 | .00010 | .00002  | .01663 | -.00004 | .00494 |
| #2 | .00007 | .01229 | .00030 | .00014 | -.00066 | .00110 | .00005  | .02281 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00055 | .00085 | .05489 | .00060 | .00011 | .02728 | .00048 | .00100 |
| Stddev | .00065 | .00010 | .01105 | .00035 | .00004 | .00597 | .00009 | .00030 |
| %RSD   | 117.77 | 11.739 | 20.126 | 57.906 | 33.450 | 21.904 | 17.701 | 30.037 |

|    |         |         |        |        |         |         |        |        |
|----|---------|---------|--------|--------|---------|---------|--------|--------|
| #1 | -.00009 | -.00078 | .06270 | .00084 | -.00014 | -.03150 | .00054 | .00079 |
| #2 | -.00100 | -.00092 | .04708 | .00035 | -.00008 | -.02305 | .00042 | .00121 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .00337 | .00005 | .00083 | .00075 | .00664 | .0009  | .00001 |  |
| Stddev | .00014 | .00097 | .00007 | .00070 | .00004 | .0013  | .00010 |  |
| %RSD   | 4.0676 | 1804.9 | 8.4643 | 93.288 | .67124 | 145.5  | 796.93 |  |

|    |         |         |        |        |         |       |         |  |
|----|---------|---------|--------|--------|---------|-------|---------|--|
| #1 | -.00327 | -.00063 | .00078 | .00026 | -.00661 | .0018 | .00006  |  |
| #2 | -.00347 | .00074  | .00088 | .00125 | -.00667 | .0000 | -.00009 |  |

Sample Name: CCB15      Acquired: 9/12/2017 00:40:10      Type: Unk  
 Method: P4-ICP2(v1706)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      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       | 3011.2  | 42311.  | 3488.8  | 36.102 | 3365.2 |
| Stddev    | 4.3     | 17.     | 28.0    | 3.603  | 3.3    |
| %RSD      | .14140  | .04091  | .43074  | 3.7492 | .09695 |
| #1        | 3008.2  | 42299.  | 6508.5  | 93.555 | 3362.9 |
| #2        | 3014.2  | 42323.  | 6469.0  | 98.650 | 3367.5 |