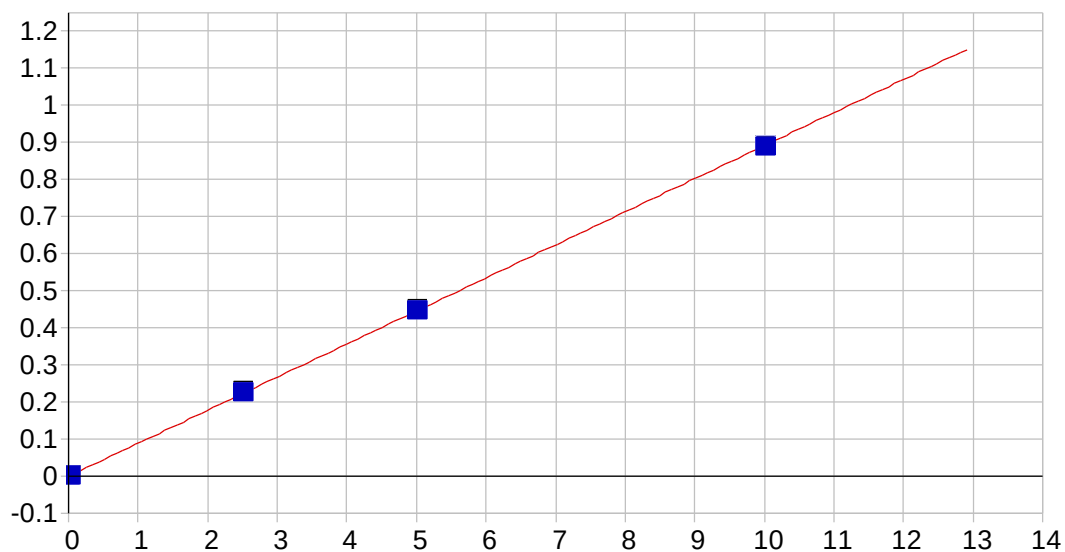




As 189.042 {478}

Date of Fit: 4/28/2017 15:09:11

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000219

Re-Slope: 1.000000

A1 (Gain): 0.089196

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999986

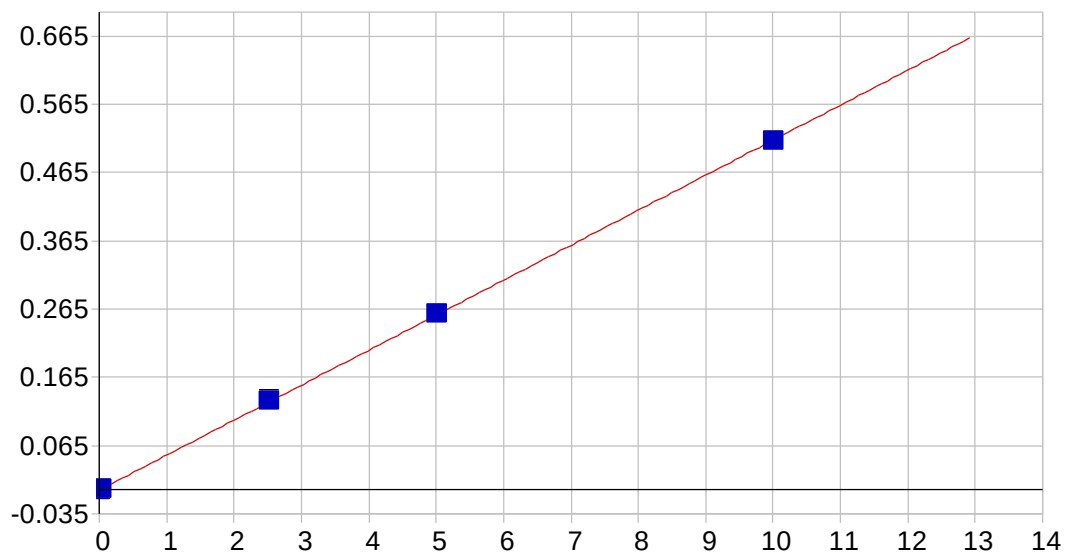
Status: OK.

Std Error of Est: 0.000012

Predicted MDL: 0.002783

Predicted MQL: 0.009275

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00022 | .000    | 1        |
| S1        | .02000       | .01939      | -.001      | -3.06   | .00154  | .000    | 1        |
| S3        | 2.5000       | 2.5292      | .029       | 1.17    | .22569  | .003    | 1        |
| S4        | 5.0000       | 5.0078      | .008       | .155    | .44707  | .001    | 1        |
| S5        | 10.000       | 9.9636      | -.036      | -.364   | .88973  | .000    | 1        |

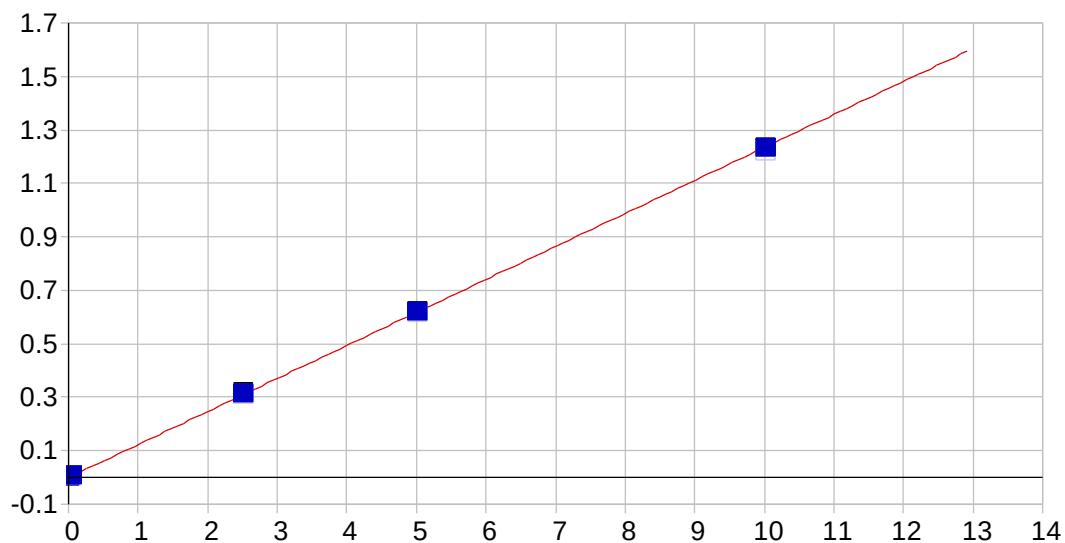


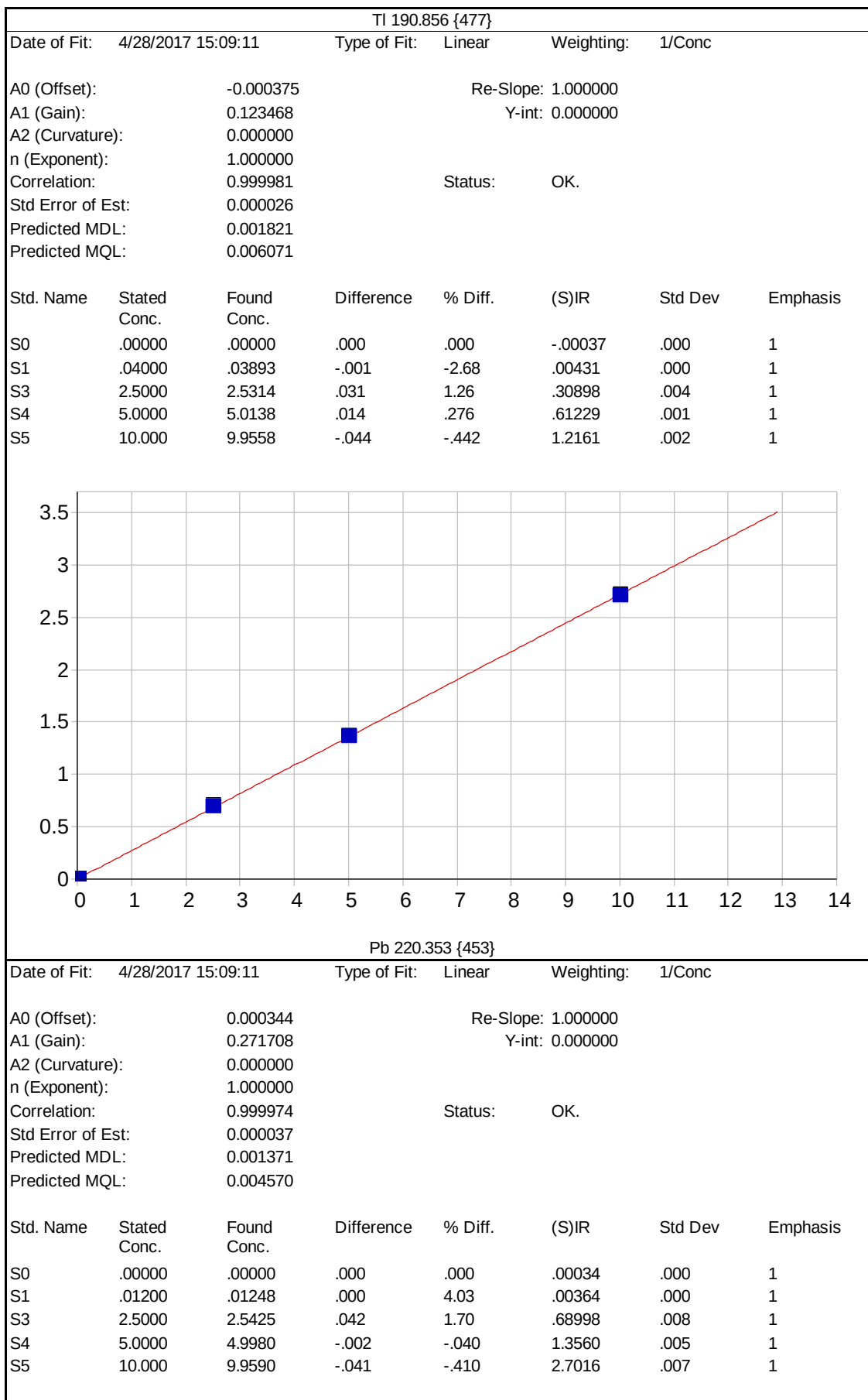
As 189.042 {479}

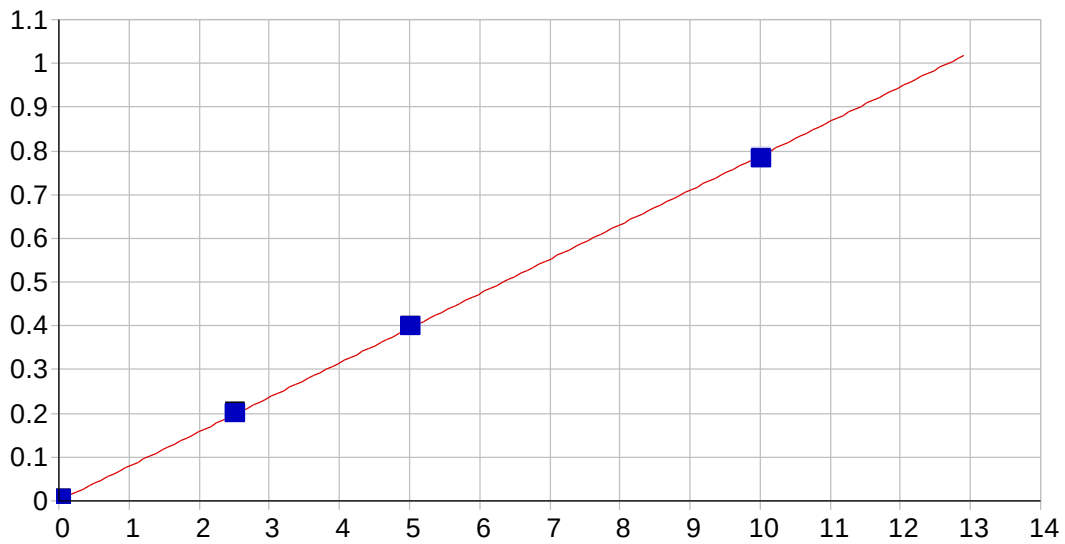
Date of Fit: 4/28/2017 15:09:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000378 Re-Slope: 1.000000  
 A1 (Gain): 0.051280 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999975 Status: OK.  
 Std Error of Est: 0.000009  
 Predicted MDL: 0.002985  
 Predicted MQL: 0.009950

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00038 | .000    | 1        |
| S1        | .02000       | .02040      | .000       | 2.00    | .00068  | .000    | 1        |
| S3        | 2.5000       | 2.5373      | .037       | 1.49    | .12991  | .002    | 1        |
| S4        | 5.0000       | 5.0147      | .015       | .293    | .25713  | .001    | 1        |
| S5        | 10.000       | 9.9476      | -.052      | -.524   | .51044  | .000    | 1        |





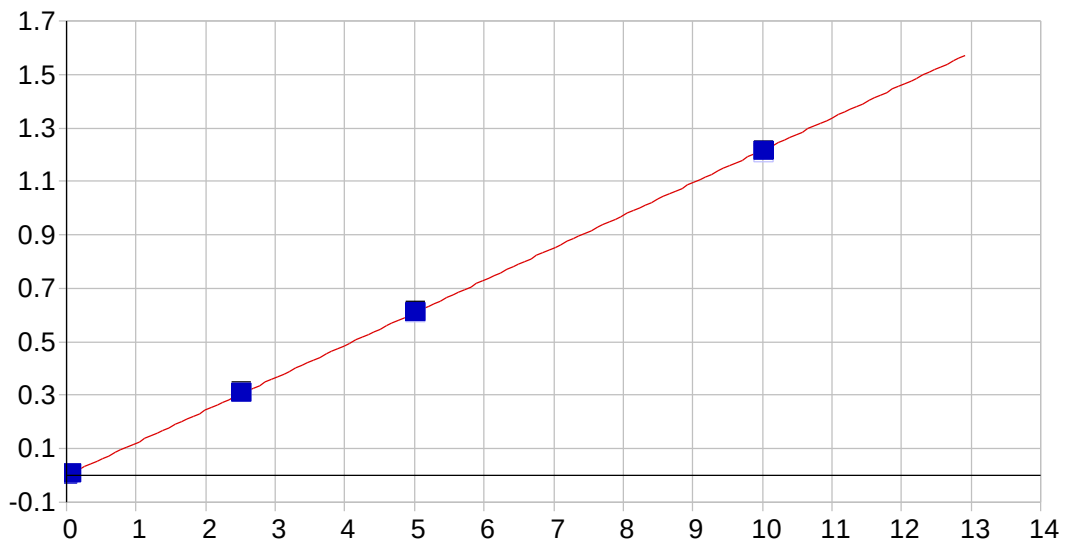


Se 196.090 {472}

Date of Fit: 4/28/2017 15:09:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000170 Re-Slope: 1.000000  
 A1 (Gain): 0.078827 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999959 Status: OK.  
 Std Error of Est: 0.000017  
 Predicted MDL: 0.002804  
 Predicted MQL: 0.009345

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00017 | .000    | 1        |
| S1        | .02000       | .02039      | .000       | 1.94    | .00177 | .000    | 1        |
| S3        | 2.5000       | 2.5368      | .037       | 1.47    | .20025 | .003    | 1        |
| S4        | 5.0000       | 5.0389      | .039       | .778    | .39760 | .001    | 1        |
| S5        | 10.000       | 9.9239      | -.076      | -.761   | .78290 | .002    | 1        |

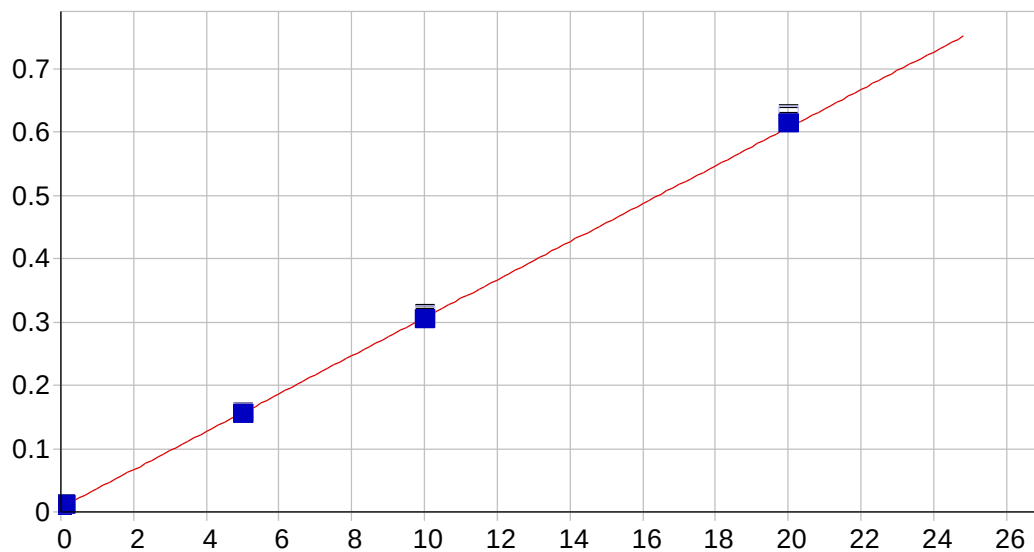


## Sb 206.833 {463}

Date of Fit: 4/28/2017 15:09:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000056 Re-Slope: 1.000000  
 A1 (Gain): 0.121603 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999985 Status: OK.  
 Std Error of Est: 0.000025  
 Predicted MDL: 0.002185  
 Predicted MQL: 0.007283

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00006 | .000    | 1        |
| S1        | .05000       | .04914      | -.001      | -1.73   | .00598 | .000    | 1        |
| S3        | 2.5000       | 2.5274      | .027       | 1.10    | .30455 | .004    | 1        |
| S4        | 5.0000       | 5.0137      | .014       | .275    | .60405 | .002    | 1        |
| S5        | 10.000       | 9.9597      | -.040      | -.403   | 1.1998 | .001    | 1        |

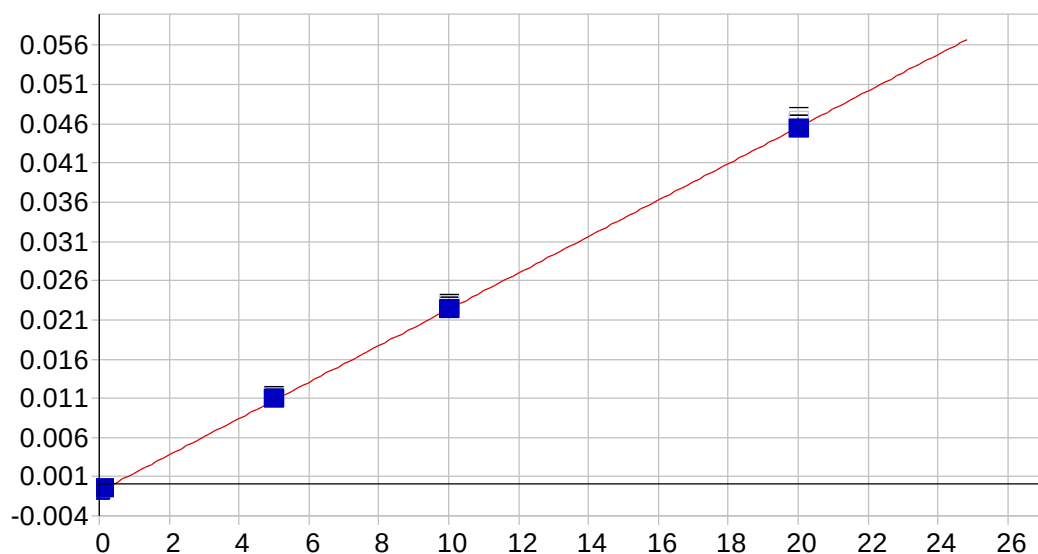


## Al 308.215 {109}

Date of Fit: 4/28/2017 15:09:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.006718 Re-Slope: 1.000000  
 A1 (Gain): 0.029976 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999878 Status: OK.  
 Std Error of Est: 0.000036  
 Predicted MDL: 0.004275  
 Predicted MQL: 0.014249

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00002      | .000       | .000    | .00672 | .000    | 1        |
| S1        | .10000       | .08455      | -.015      | -15.5   | .00946 | .000    | 1        |
| S3        | 5.0000       | 4.8716      | -.128      | -2.57   | .15567 | .000    | 1        |
| S4        | 10.000       | 9.9189      | -.081      | -.811   | .30989 | .001    | 1        |
| S5        | 20.000       | 20.226      | .226       | 1.13    | .62468 | .002    | 1        |

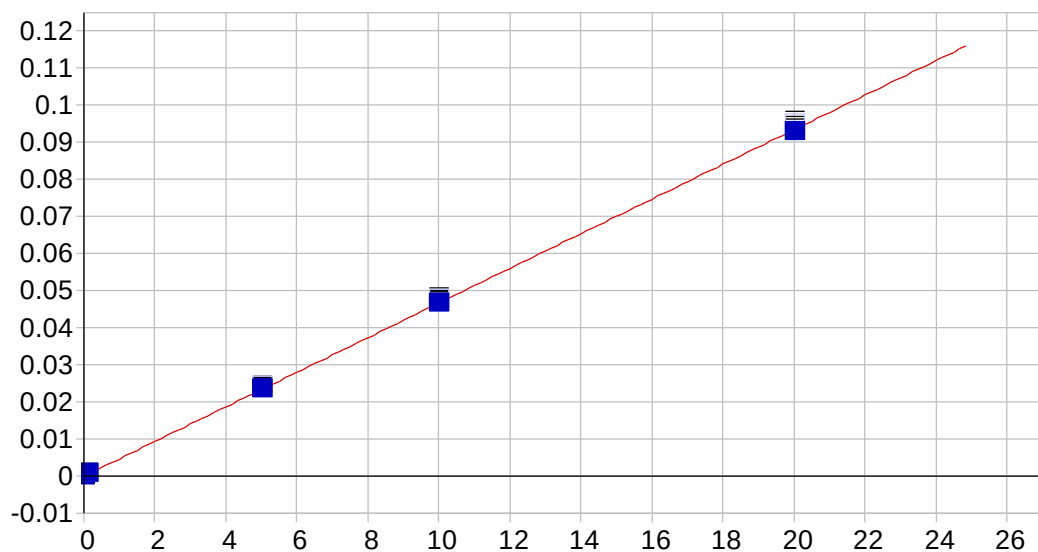


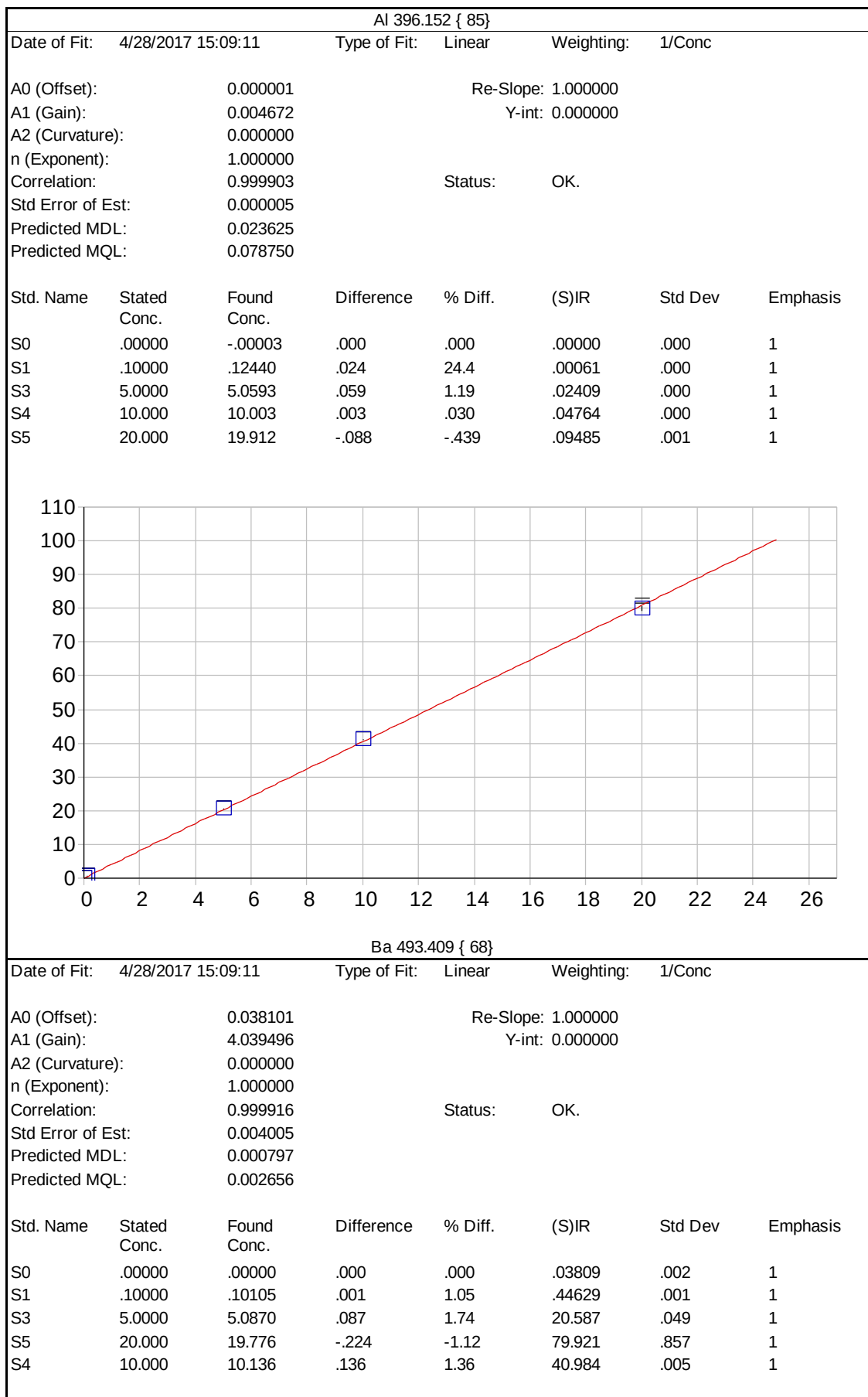
AI 309.271 {109}

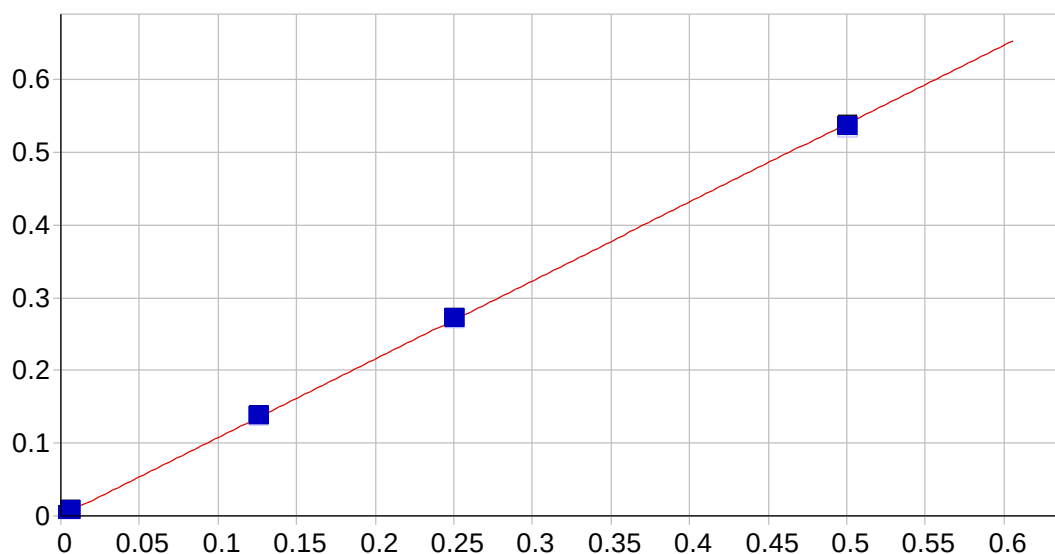
Date of Fit: 4/28/2017 15:09:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000877 Re-Slope: 1.000000  
 A1 (Gain): 0.002321 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999905 Status: OK.  
 Std Error of Est: 0.000002  
 Predicted MDL: 0.035113  
 Predicted MQL: 0.117045

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00003     | .000       | .000    | -.00088 | .000    | 1        |
| S1        | .10000       | .12479      | .025       | 24.8    | -.00057 | .000    | 1        |
| S3        | 5.0000       | 5.0480      | .048       | .960    | .01107  | .000    | 1        |
| S4        | 10.000       | 10.005      | .005       | .046    | .02280  | .000    | 1        |
| S5        | 20.000       | 19.921      | -.079      | -.393   | .04627  | .000    | 1        |





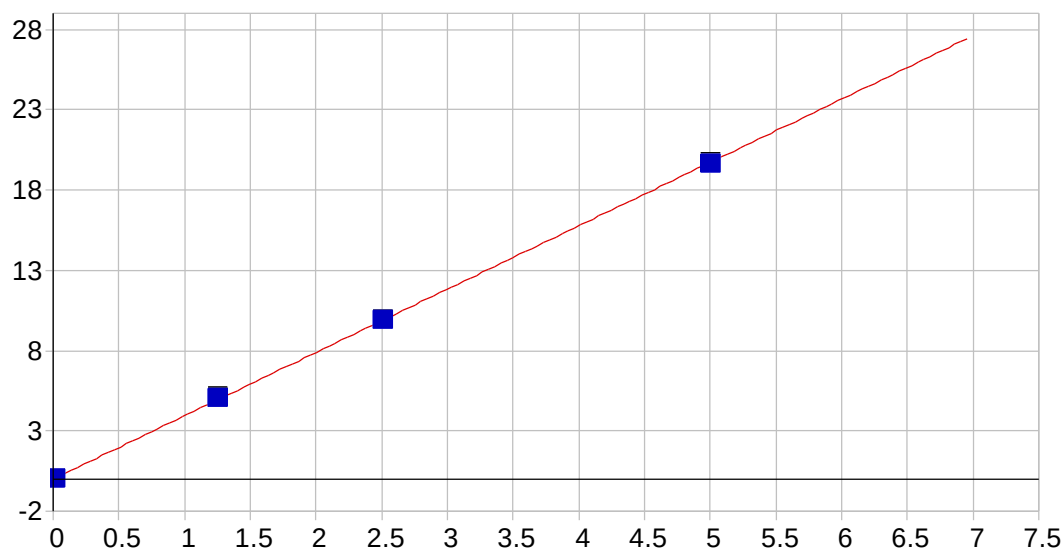


Be 234.861 {144}

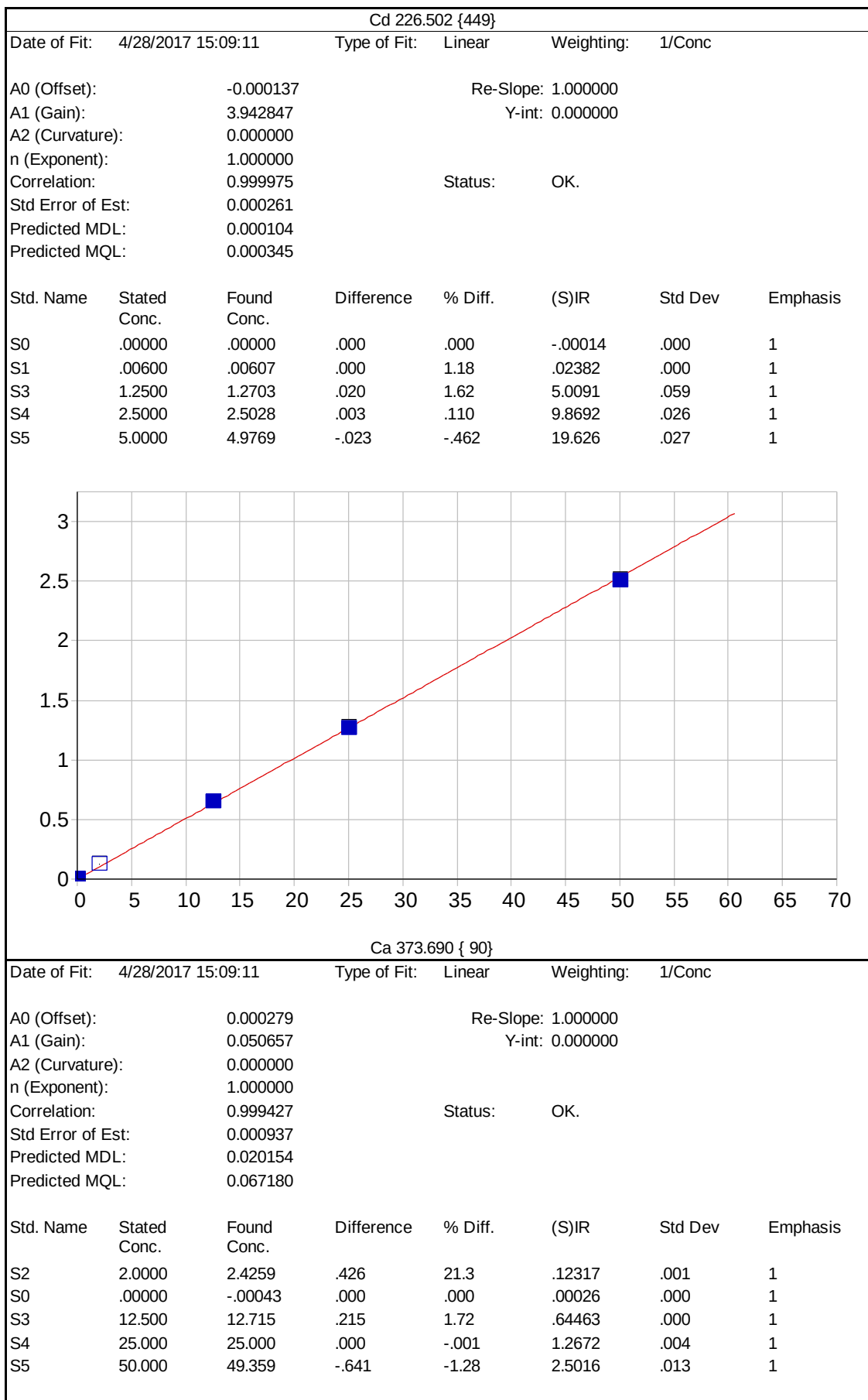
Date of Fit: 4/28/2017 15:09:11 Type of Fit: Linear Weighting: 1/Conc

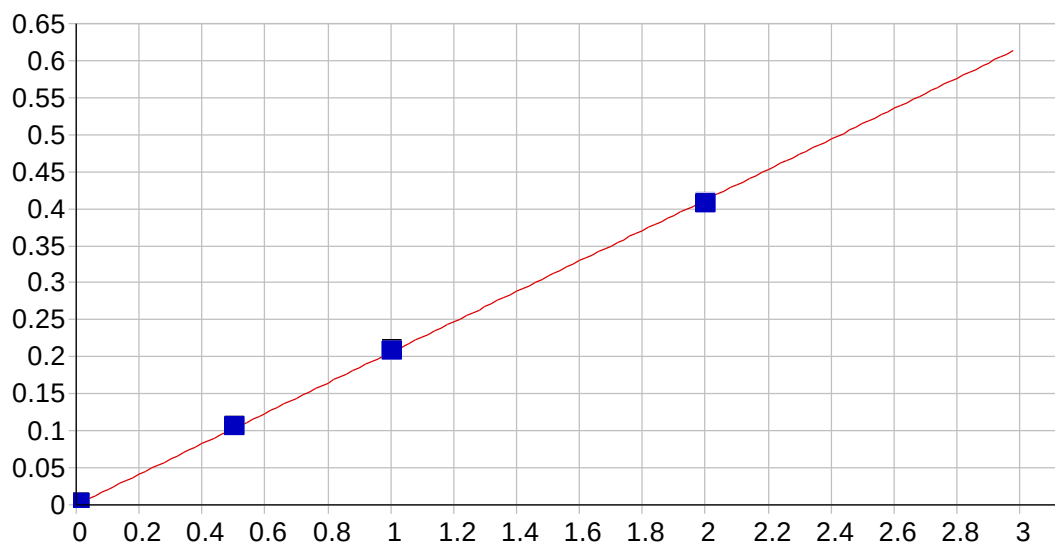
A0 (Offset): 0.000069 Re-Slope: 1.000000  
 A1 (Gain): 1.078191 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999960 Status: OK.  
 Std Error of Est: 0.000029  
 Predicted MDL: 0.000071  
 Predicted MQL: 0.000237

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00007 | .000    | 1        |
| S1        | .00600       | .00608      | .000       | 1.40    | .00656 | .000    | 1        |
| S3        | .12500       | .12680      | .002       | 1.44    | .13590 | .000    | 1        |
| S4        | .25000       | .25190      | .002       | .759    | .26989 | .000    | 1        |
| S5        | .50000       | .49622      | -.004      | -7.56   | .53154 | .002    | 1        |





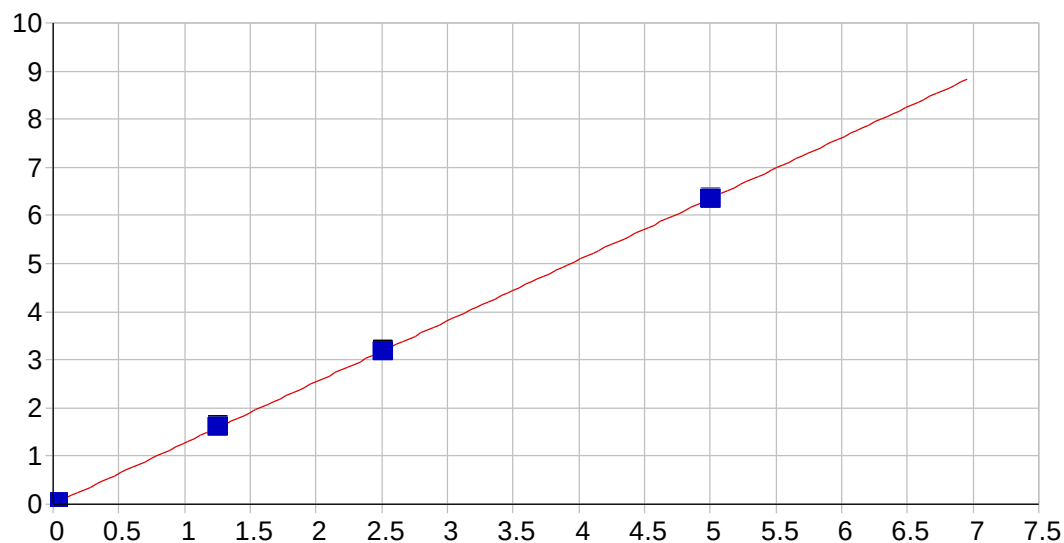


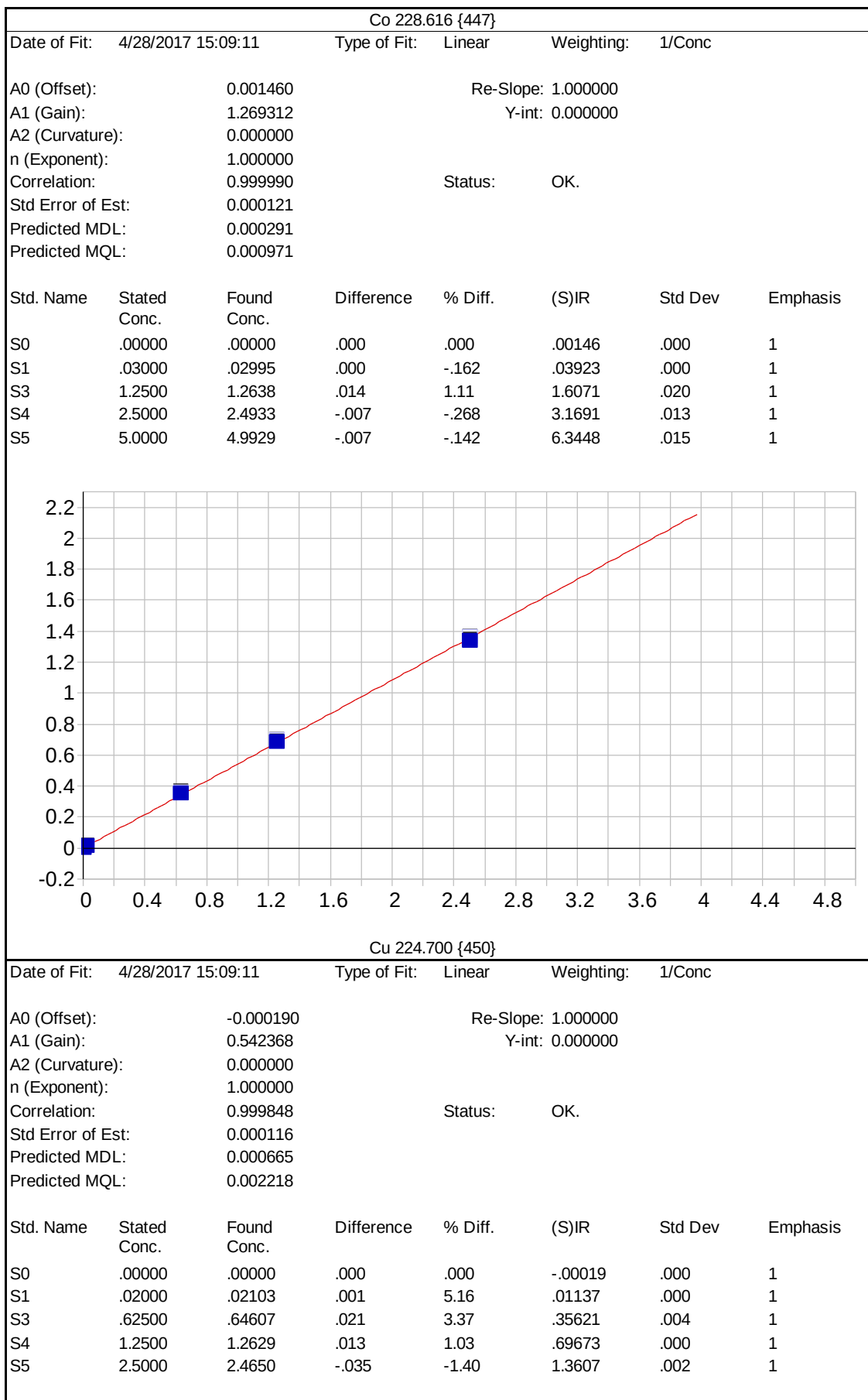


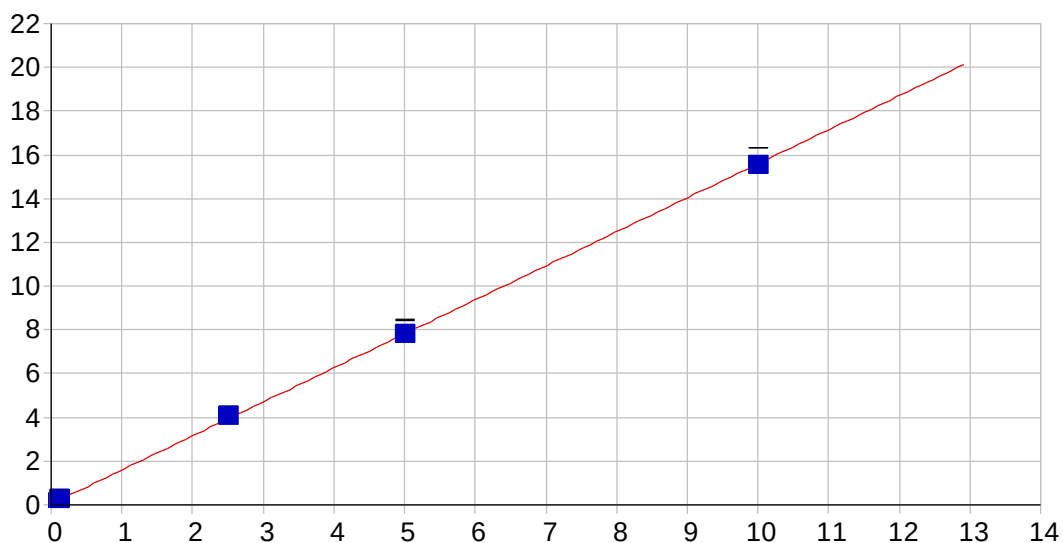
Date of Fit: 4/28/2017 15:09:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000094 Re-Slope: 1.000000  
 A1 (Gain): 0.205775 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999882 Status: OK.  
 Std Error of Est: 0.000024  
 Predicted MDL: 0.000507  
 Predicted MQL: 0.001689

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00009 | .000    | 1        |
| S1        | .01000       | .01075      | .001       | 7.45    | .00231 | .000    | 1        |
| S3        | .50000       | .51447      | .014       | 2.89    | .10607 | .000    | 1        |
| S4        | 1.0000       | 1.0086      | .009       | .861    | .20786 | .001    | 1        |
| S5        | 2.0000       | 1.9762      | -.024      | -1.19   | .40719 | .000    | 1        |







Fe 240.488 {140}

Date of Fit: 4/28/2017 15:09:11

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.037175

Re-Slope: 1.000000

A1 (Gain): 1.555541

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999912

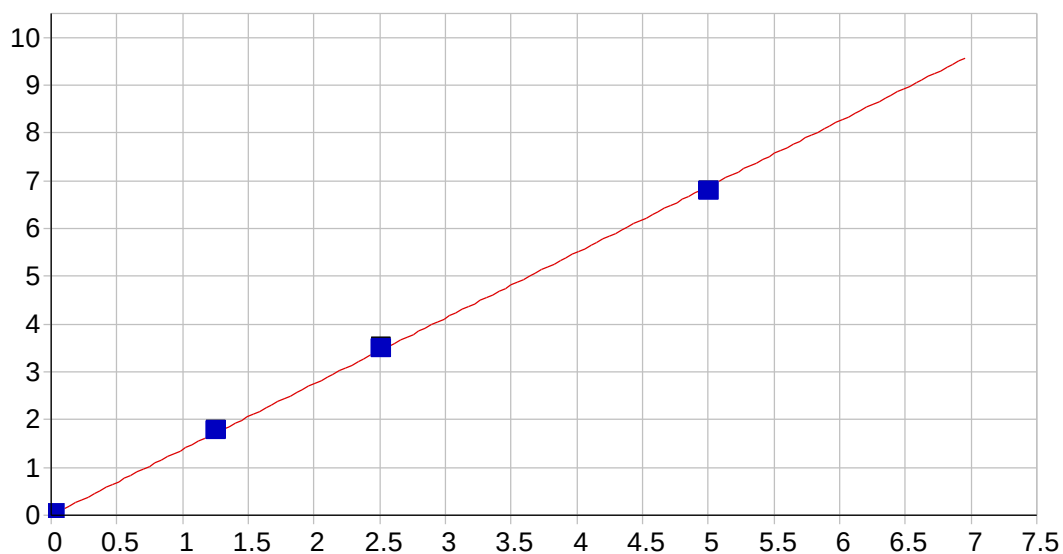
Status: OK.

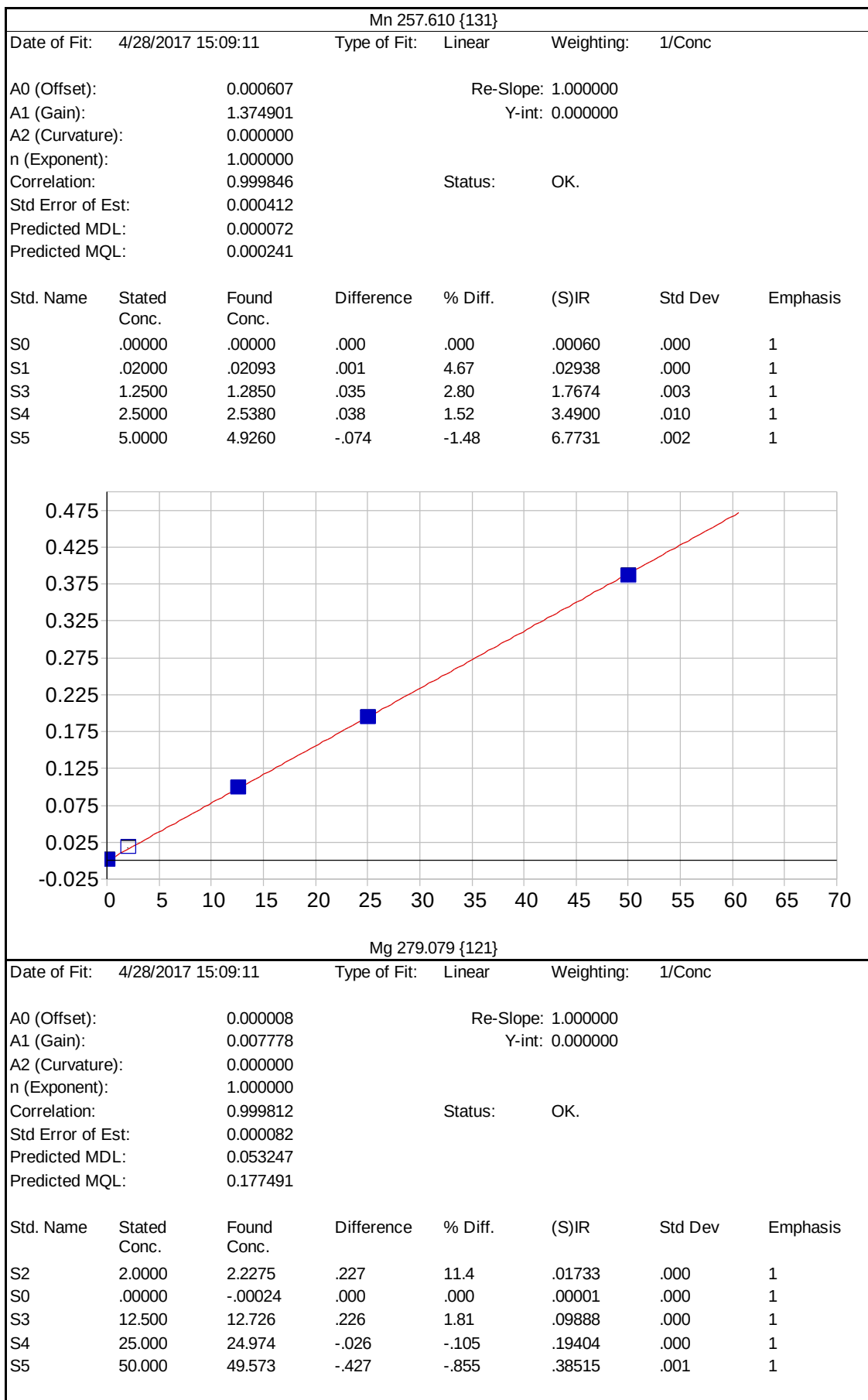
Std Error of Est: 0.001114

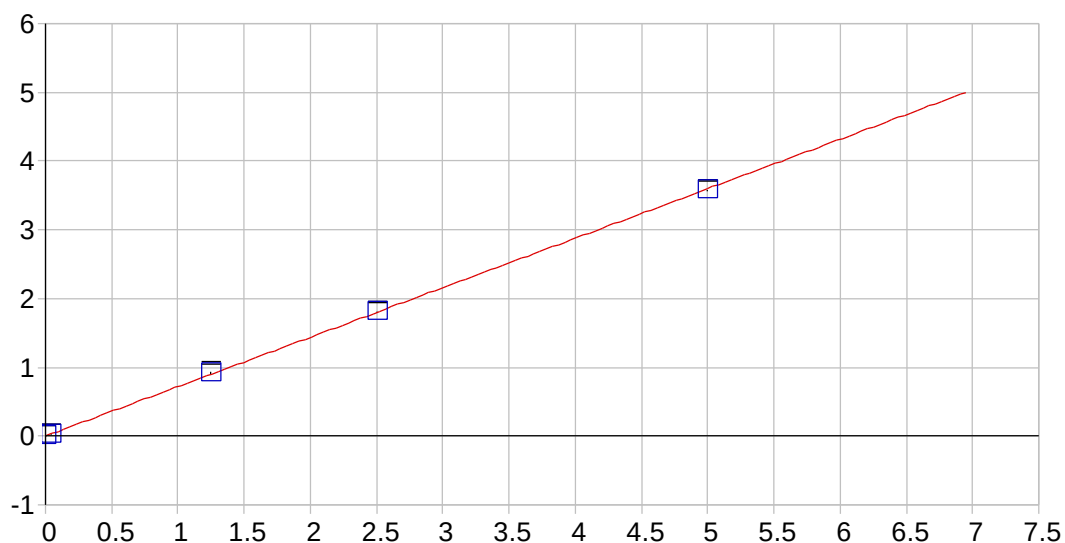
Predicted MDL: 0.011586

Predicted MQL: 0.038621

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | .000       | .000    | .03716 | .004    | 1        |
| S1        | .10000       | .11089      | .011       | 10.9    | .20949 | .005    | 1        |
| S3        | 2.5000       | 2.5618      | .062       | 2.47    | 4.0152 | .009    | 1        |
| S4        | 5.0000       | 4.9697      | -.030      | -.607   | 7.7536 | .229    | 1        |
| S5        | 10.000       | 9.9576      | -.042      | -.424   | 15.499 | .341    | 1        |





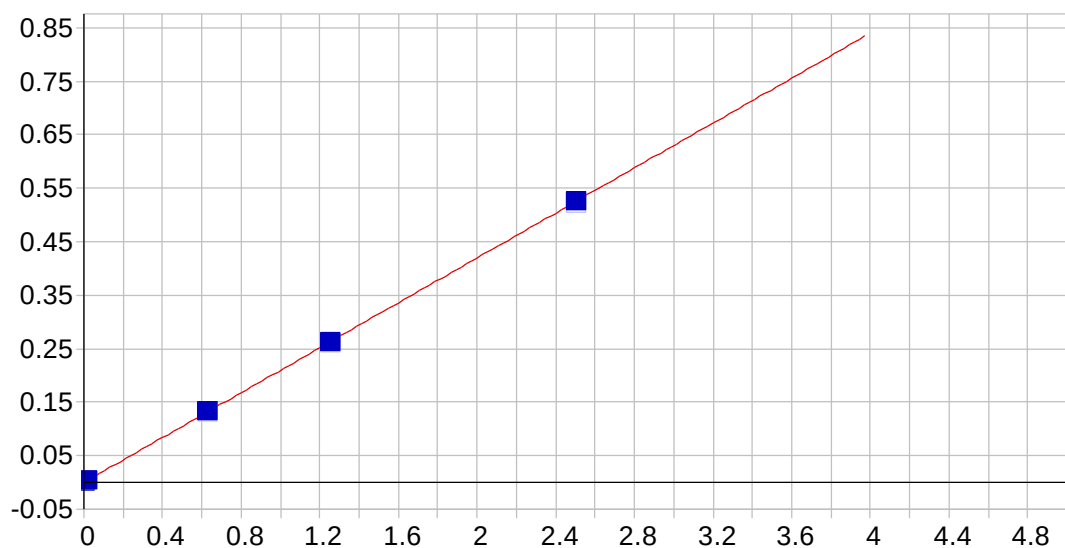


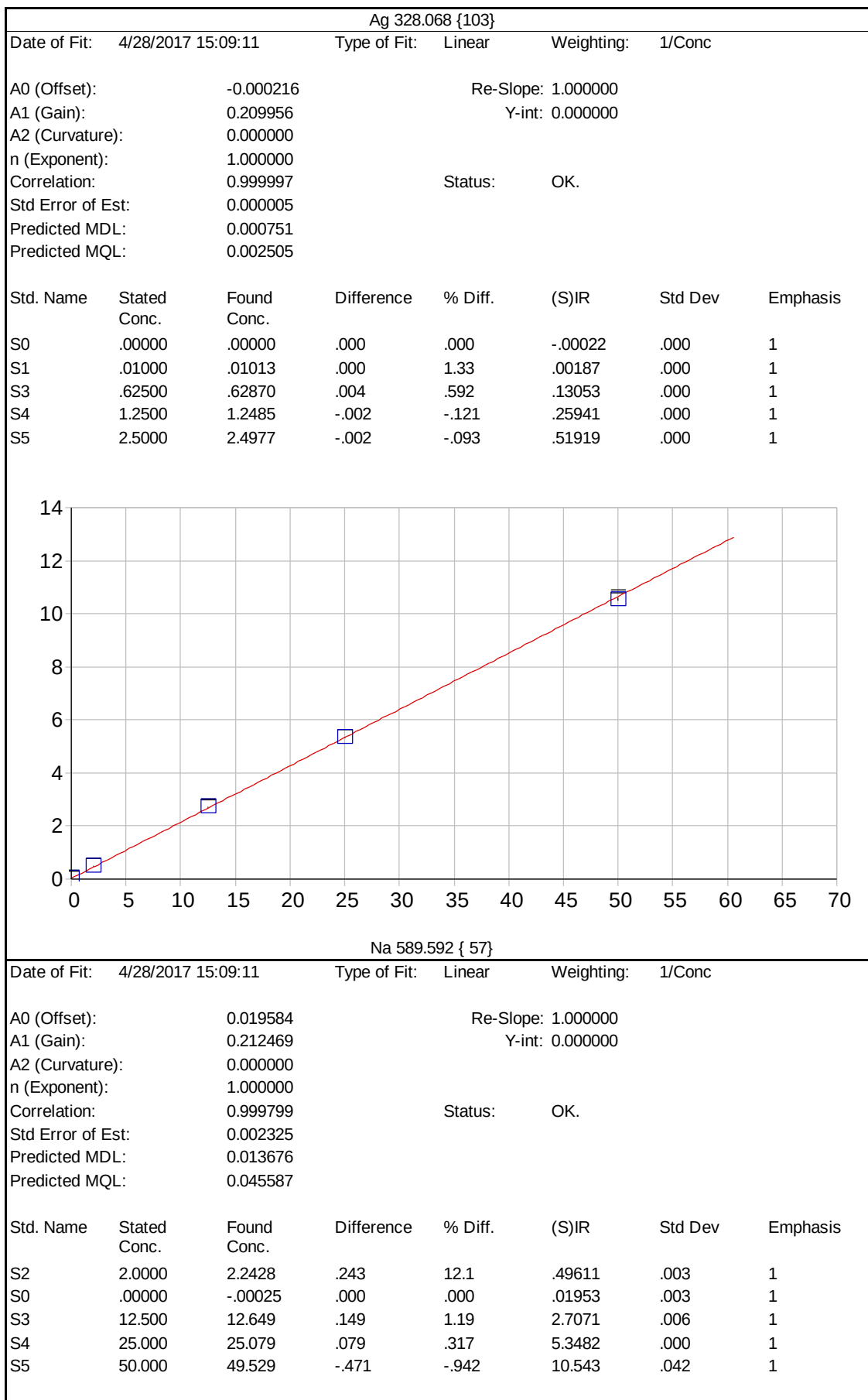
Ni 231.604 {445}

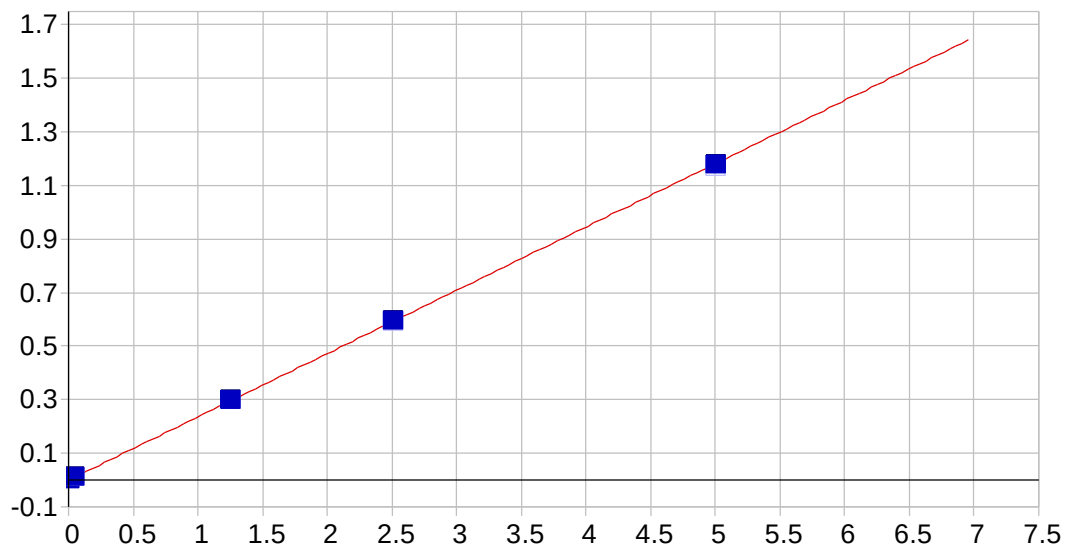
Date of Fit: 4/28/2017 15:09:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000221 Re-Slope: 1.000000  
 A1 (Gain): 0.719554 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999944 Status: OK.  
 Std Error of Est: 0.000184  
 Predicted MDL: 0.000504  
 Predicted MQL: 0.001679

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00022 | .000    | 1        |
| S1        | .04000       | .04148      | .001       | 3.71    | .02963  | .000    | 1        |
| S3        | 1.2500       | 1.2787      | .029       | 2.29    | .91985  | .012    | 1        |
| S4        | 2.5000       | 2.5058      | .006       | .230    | 1.8028  | .002    | 1        |
| S5        | 5.0000       | 4.9641      | -.036      | -.718   | 3.5717  | .005    | 1        |





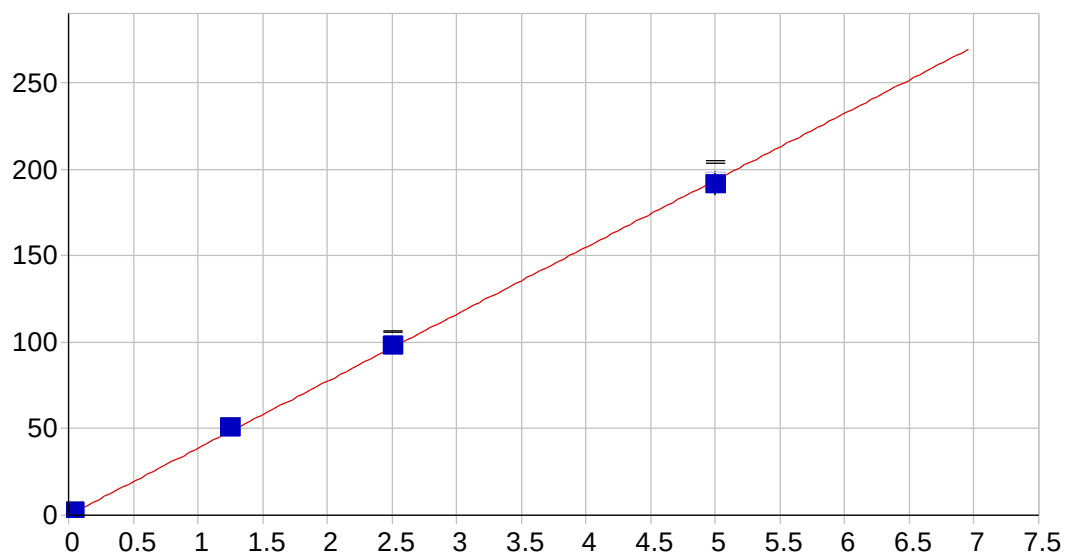


V 292.402 {115}

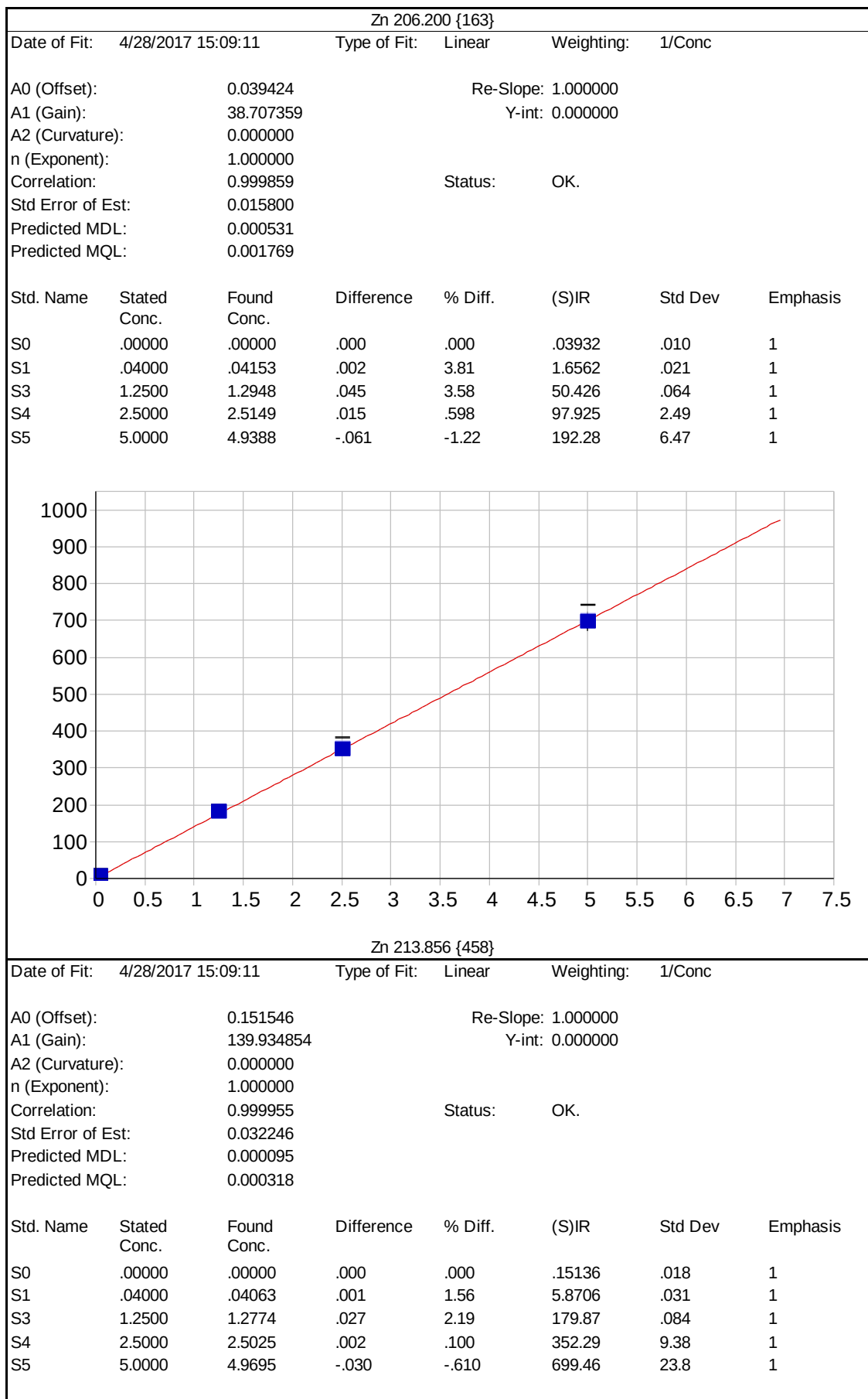
Date of Fit: 4/28/2017 15:09:11 Type of Fit: Linear Weighting: 1/Conc

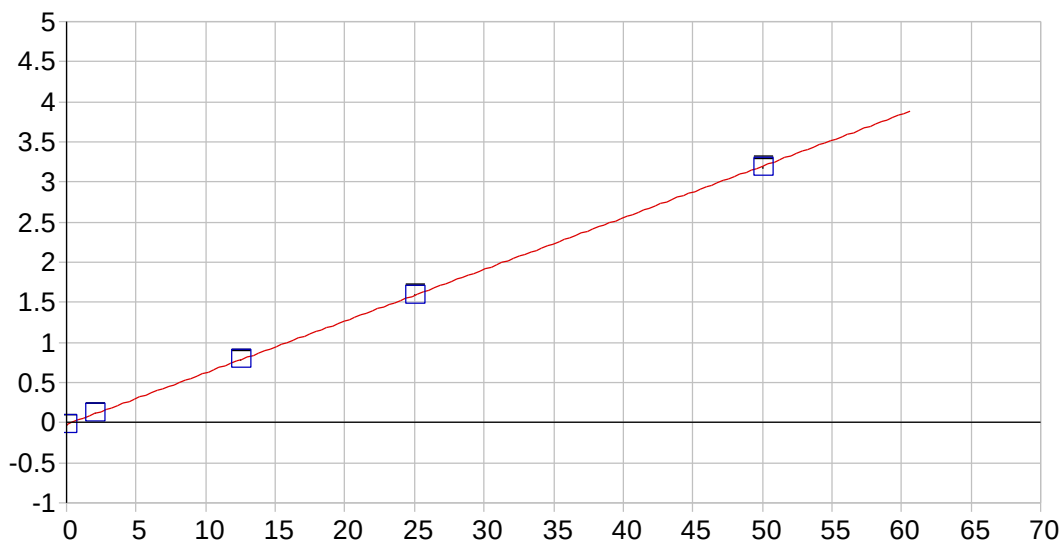
A0 (Offset): -0.000230 Re-Slope: 1.000000  
 A1 (Gain): 0.236346 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999981 Status: OK.  
 Std Error of Est: 0.000035  
 Predicted MDL: 0.000539  
 Predicted MQL: 0.001796

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00023 | .000    | 1        |
| S1        | .04000       | .03947      | -.001      | -1.33   | .00895  | .000    | 1        |
| S3        | 1.2500       | 1.2634      | .013       | 1.07    | .29647  | .000    | 1        |
| S4        | 2.5000       | 2.5116      | .012       | .463    | .58957  | .001    | 1        |
| S5        | 5.0000       | 4.9756      | -.024      | -.489   | 1.1681  | .002    | 1        |









K 766.490 { 44}

Date of Fit: 4/28/2017 15:09:11

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.021712

Re-Slope: 1.000000

A1 (Gain): 0.064386

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999881

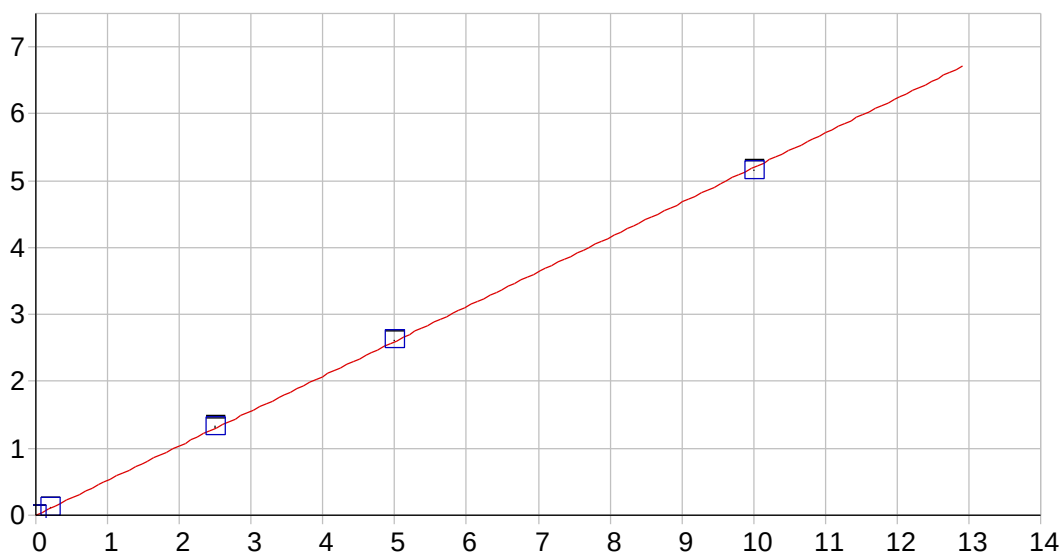
Status: OK.

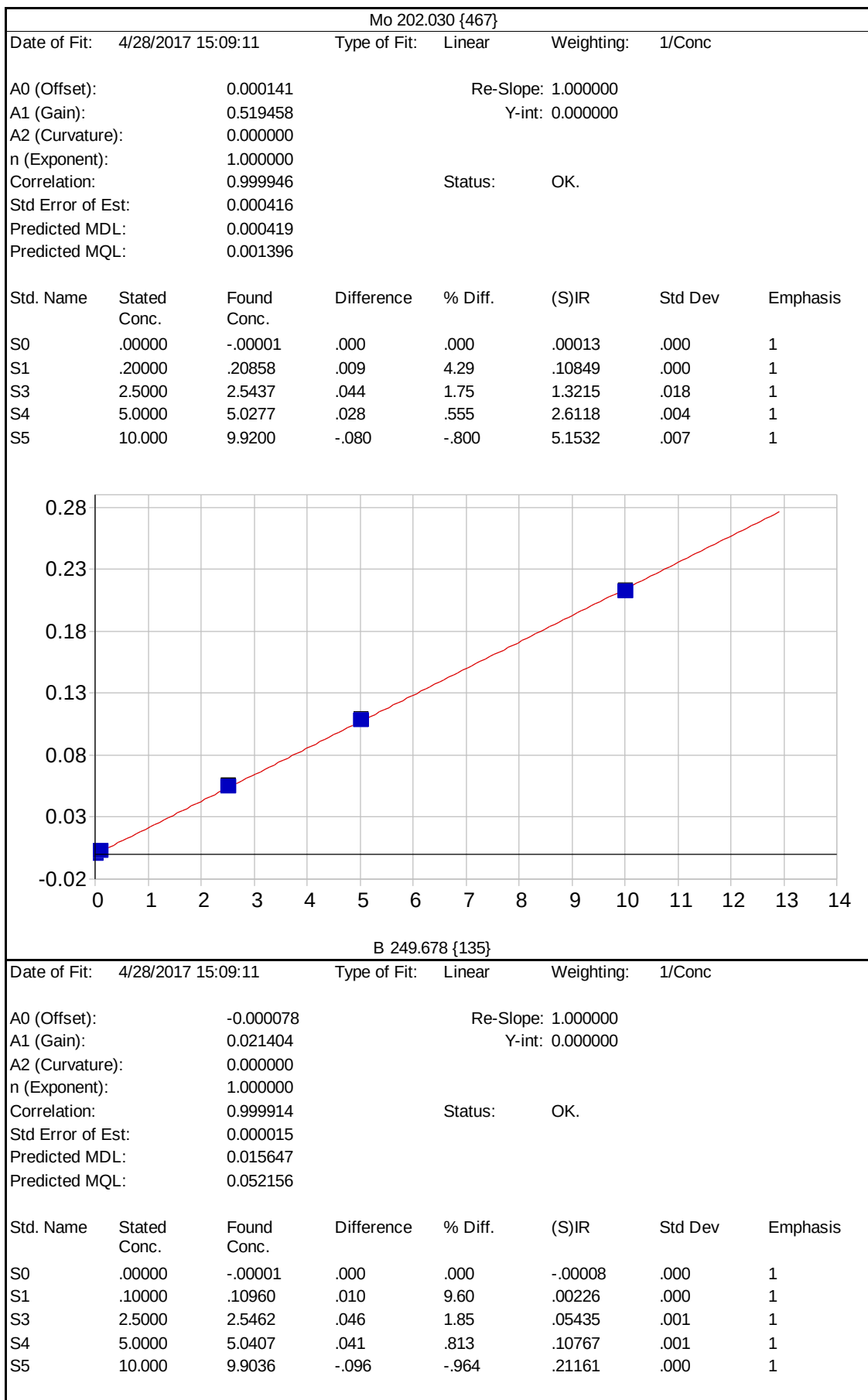
Std Error of Est: 0.000541

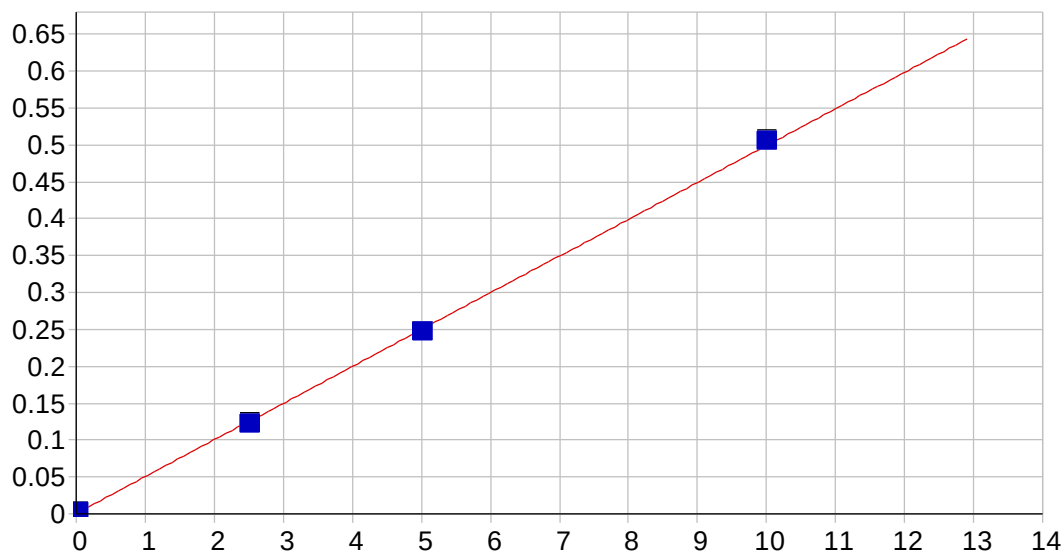
Predicted MDL: 0.047463

Predicted MQL: 0.158209

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S2        | 2.0000       | 2.2013      | .201       | 10.1    | .12002  | .002    | 1        |
| S0        | .00000       | -.00019     | .000       | .000    | -.02172 | .000    | 1        |
| S3        | 12.500       | 12.492      | -.008      | -.066   | .78258  | .004    | 1        |
| S4        | 25.000       | 25.020      | .020       | .081    | 1.5892  | .007    | 1        |
| S5        | 50.000       | 49.787      | -.213      | -.427   | 3.1838  | .015    | 1        |





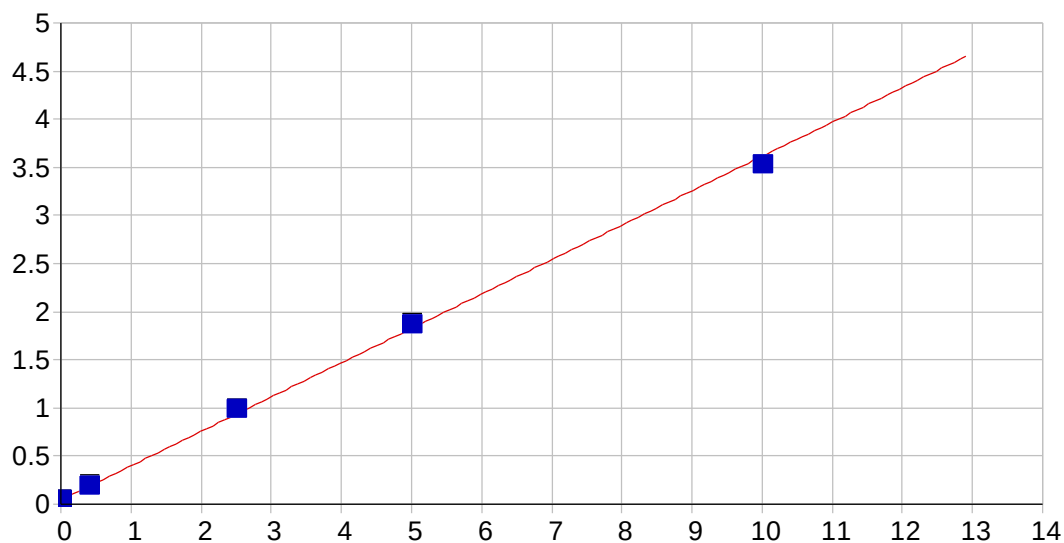


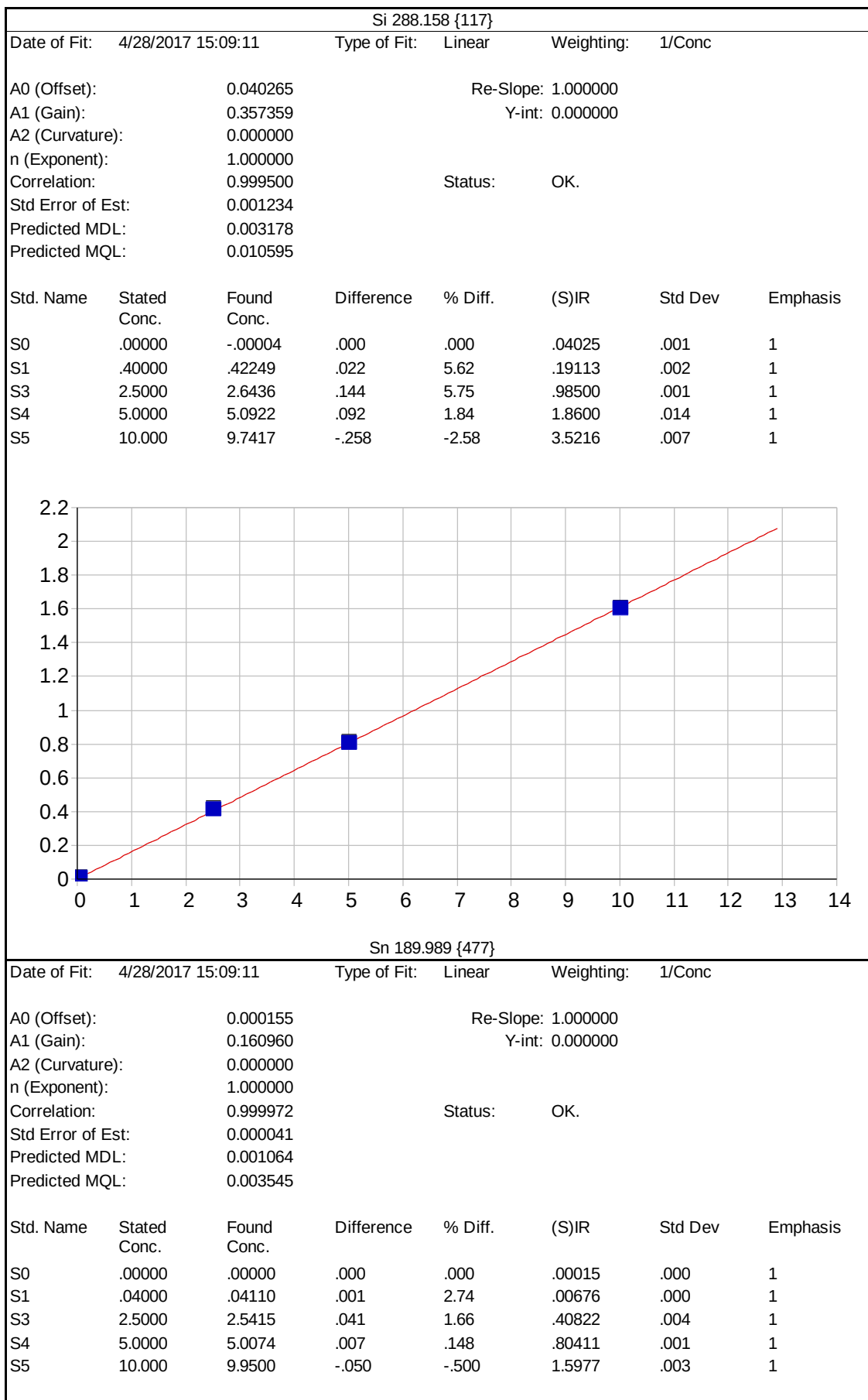
S 182.034 {485}

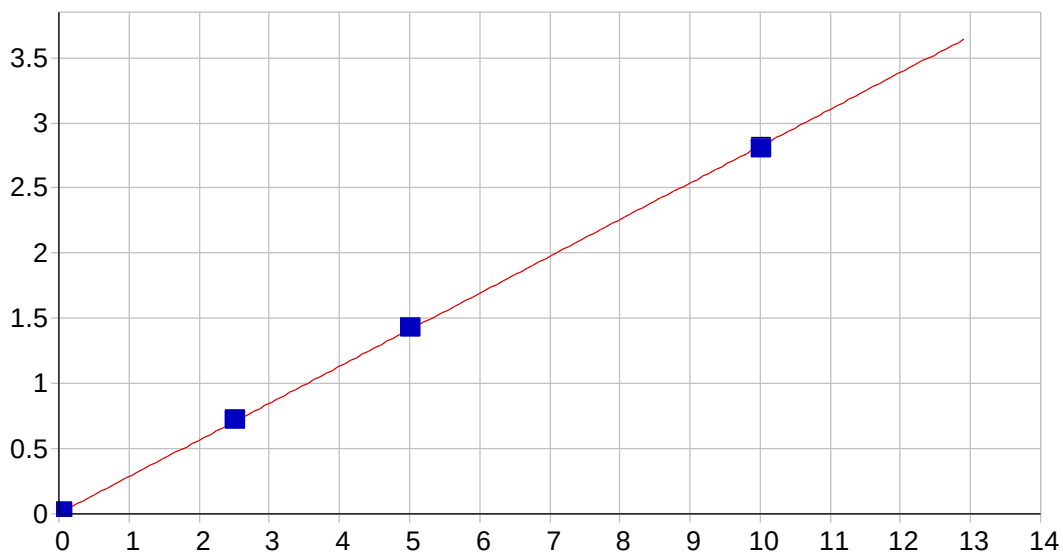
Date of Fit: 4/28/2017 15:09:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000461 Re-Slope: 1.000000  
 A1 (Gain): 0.049851 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999893 Status: OK.  
 Std Error of Est: 0.000018  
 Predicted MDL: 0.003486  
 Predicted MQL: 0.011621

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00046 | .000    | 1        |
| S1        | .02000       | .01866      | -.001      | -6.69   | .00136 | .000    | 1        |
| S3        | 2.5000       | 2.4432      | -.057      | -2.27   | .12201 | .001    | 1        |
| S4        | 5.0000       | 4.9354      | -.065      | -1.29   | .24600 | .000    | 1        |
| S5        | 10.000       | 10.123      | .123       | 1.23    | .50410 | .001    | 1        |







Ti 336.121 {100}

Date of Fit: 4/28/2017 15:09:11

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.002354

Re-Slope: 1.000000

A1 (Gain): 0.281924

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999956

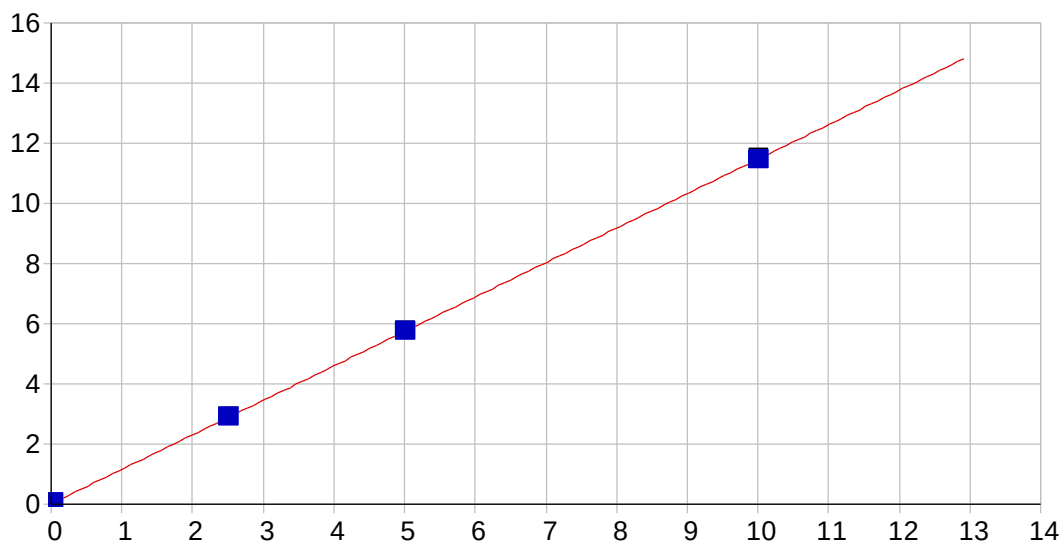
Status: OK.

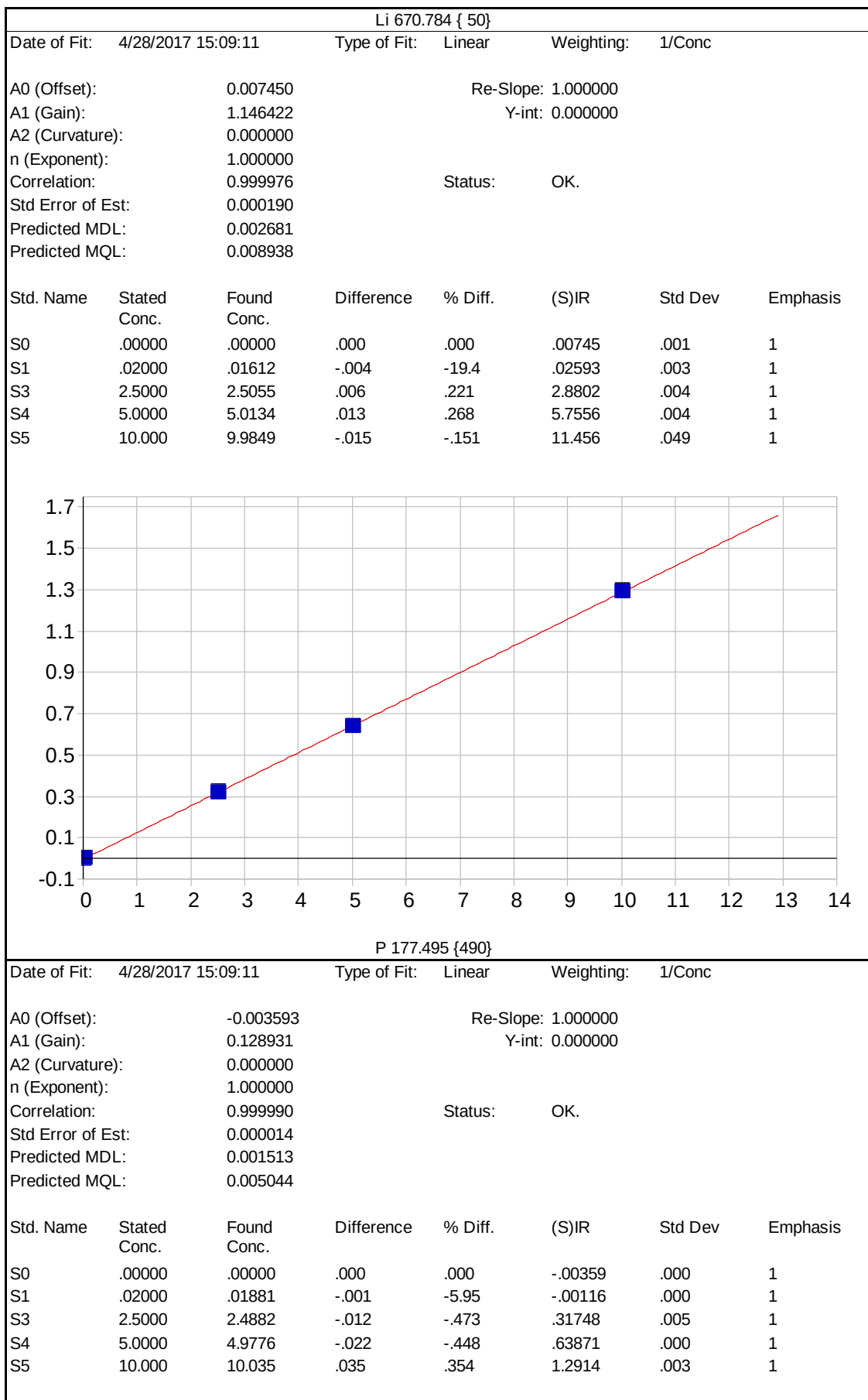
Std Error of Est: 0.000091

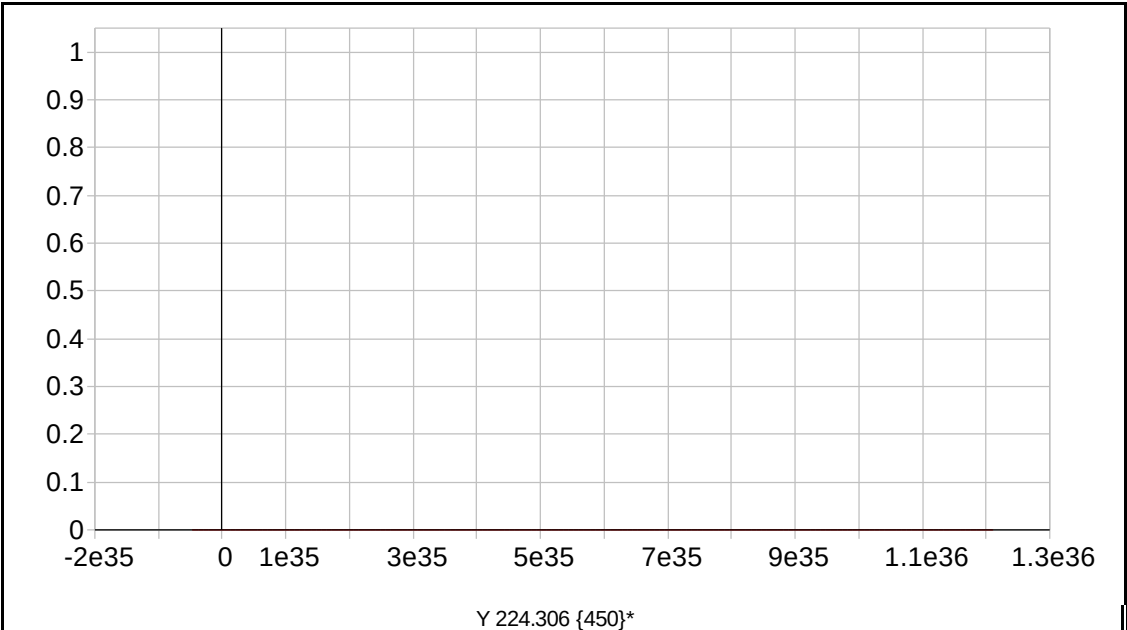
Predicted MDL: 0.002542

Predicted MQL: 0.008472

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00235 | .000    | 1        |
| S1        | .04000       | .04090      | .001       | 2.25    | .01387 | .000    | 1        |
| S3        | 2.5000       | 2.5382      | .038       | 1.53    | .71761 | .000    | 1        |
| S4        | 5.0000       | 5.0402      | .040       | .804    | 1.4227 | .001    | 1        |
| S5        | 10.000       | 9.9207      | -.079      | -.793   | 2.7979 | .011    | 1        |



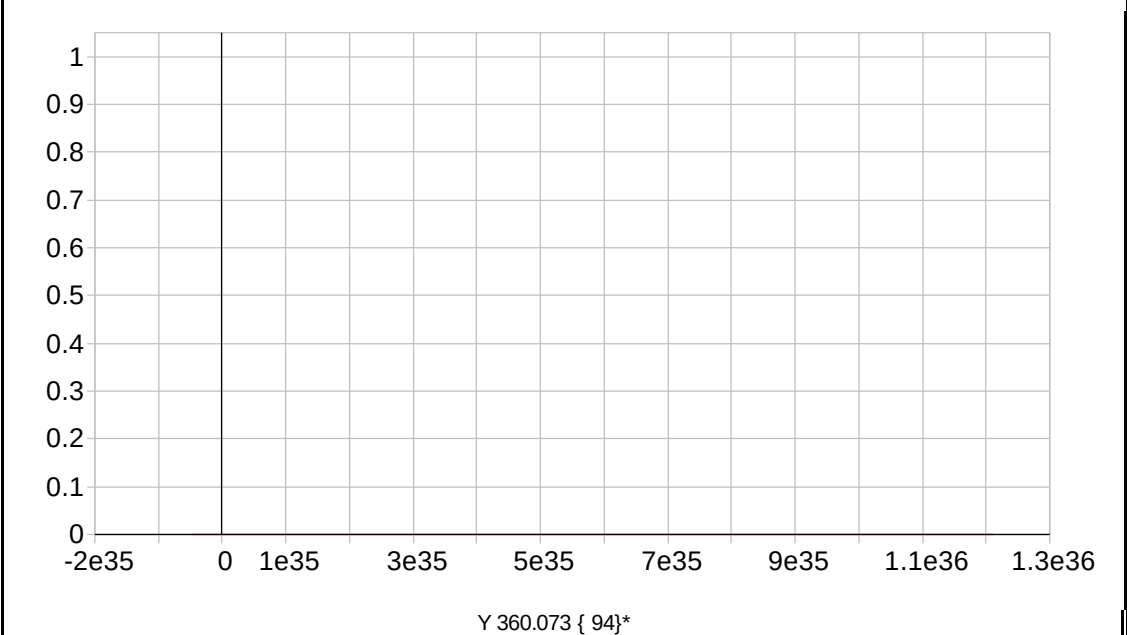




Date of Fit: <not fit>      Type of Fit: Linear      Weighting: 1/Conc

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

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



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

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



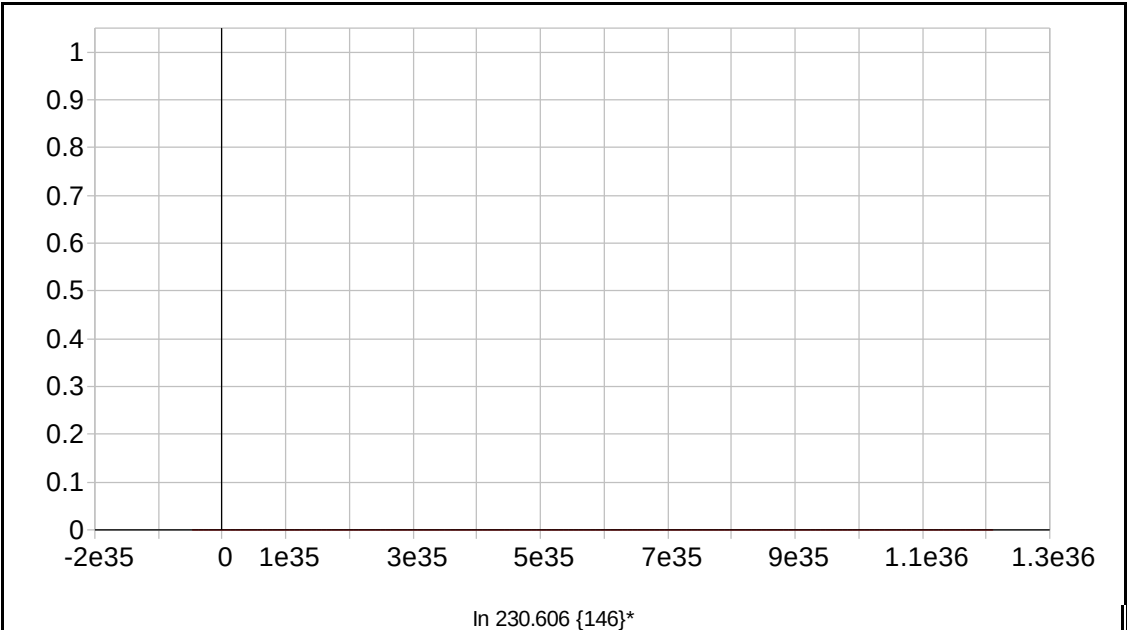
Status:      Warning      Zero Gain

|              |           |              |        |            |        |
|--------------|-----------|--------------|--------|------------|--------|
| 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       |              |          |            |        |

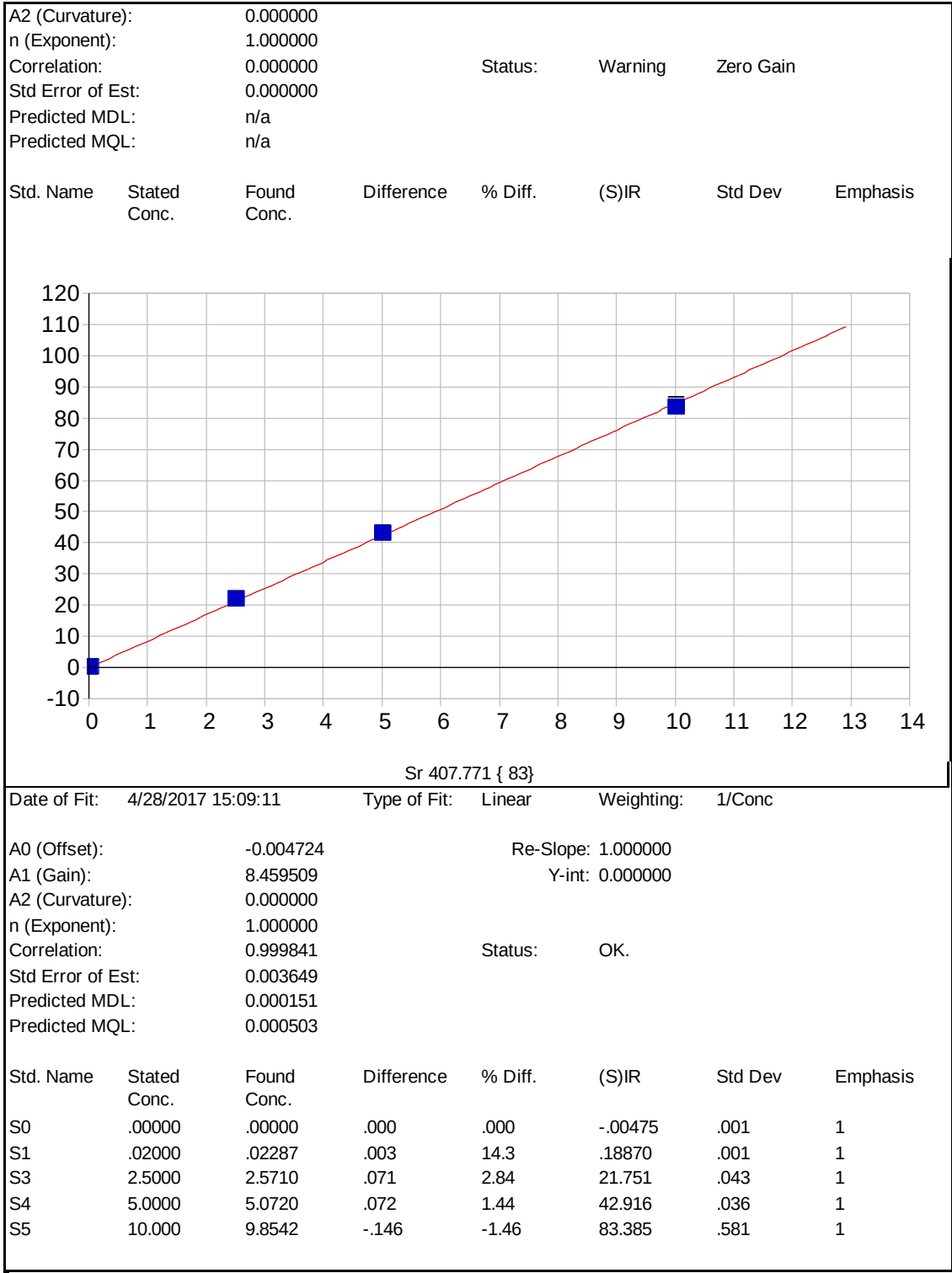
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|-------|---------|----------|
|-----------|--------------|-------------|------------|---------|-------|---------|----------|

An empty graph with a y-axis ranging from 0 to 1 in increments of 0.1 and an x-axis ranging from -2e35 to 1.3e36 in increments of 1e35. A vertical line is drawn at x=0.

In 230.606 {446}\*

|              |           |              |          |            |        |
|--------------|-----------|--------------|----------|------------|--------|
| 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: 4/28/2017 11:11:17      Type: Cal  
Method: P4-ICP2(v1998)      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    | .00038 | .00037 | .00034 | .00017 | .00006 | .00000 | .03809 | .00007 |
| Stddev | .00008 | .00003 | .00030 | .00005 | .00006 | .00003 | .00169 | .00004 |
| %RSD   | 20.753 | 7.3911 | 86.402 | 32.197 | 106.12 | 2590.6 | 4.4453 | 57.200 |

|    |         |         |        |        |        |         |        |        |
|----|---------|---------|--------|--------|--------|---------|--------|--------|
| #1 | -.00043 | -.00039 | .00013 | .00013 | .00010 | -.00002 | .03689 | .00010 |
| #2 | -.00032 | -.00035 | .00055 | .00021 | .00001 | .00002  | .03929 | .00004 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .00014 | .00026 | .00009 | .00146 | .00019 | .03716 | .00060 | .00001 |
| Stddev | .00011 | .00018 | .00005 | .00001 | .00012 | .00429 | .00002 | .00015 |
| %RSD   | 82.034 | 68.647 | 56.568 | .42530 | 61.514 | 11.548 | 2.6390 | 2343.4 |

|    |         |        |        |        |         |        |        |         |
|----|---------|--------|--------|--------|---------|--------|--------|---------|
| #1 | -.00022 | .00013 | .00006 | .00146 | -.00011 | .03412 | .00059 | .00011  |
| #2 | -.00006 | .00038 | .00013 | .00146 | -.00027 | .04019 | .00062 | -.00010 |

|        |        |        |        |         |        |         |        |         |
|--------|--------|--------|--------|---------|--------|---------|--------|---------|
| 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    | .00022 | .00022 | .01953 | .00023  | .15136 | .02172  | .00013 | .00008  |
| Stddev | .00033 | .00000 | .00250 | .00017  | .01838 | .00009  | .00005 | .00013  |
| %RSD   | 146.76 | 1.9453 | 12.801 | 72.809  | 12.142 | .42252  | 40.636 | 165.98  |

|    |         |         |        |         |        |         |        |         |
|----|---------|---------|--------|---------|--------|---------|--------|---------|
| #1 | .00001  | -.00022 | .01776 | -.00035 | .16436 | -.02166 | .00017 | -.00017 |
| #2 | -.00045 | -.00021 | .02130 | -.00011 | .13837 | -.02179 | .00010 | .00001  |

|        |         |        |        |        |        |         |        |  |
|--------|---------|--------|--------|--------|--------|---------|--------|--|
| 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    | .00046  | .04025 | .00015 | .00235 | .00745 | .0036   | .00475 |  |
| Stddev | .00020  | .00072 | .00006 | .00017 | .00065 | .0001   | .00055 |  |
| %RSD   | 44.296  | 1.7783 | 38.663 | 7.3728 | 8.6722 | 2.943   | 11.556 |  |

|    |        |        |        |        |        |        |         |  |
|----|--------|--------|--------|--------|--------|--------|---------|--|
| #1 | .00061 | .04076 | .00020 | .00248 | .00791 | -.0037 | -.00514 |  |
| #2 | .00032 | .03974 | .00011 | .00223 | .00700 | -.0035 | -.00436 |  |

Sample Name: S0      Acquired: 4/28/2017 11:11:17      Type: Cal  
Method: P4-ICP2(v1998)      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       | 1397.4  | 59507.  | 5326.8  | 77.934 | 3977.7 |
| Stddev    | 8.9     | 128.    | 4.9     | .948   | 6.9    |
| %RSD      | .20180  | .21484  | .09178  | 1.2166 | .17340 |
| #1        | 4391.1  | 59417.  | 5323.3  | 77.264 | 3972.8 |
| #2        | 4403.7  | 59598.  | 5330.2  | 78.605 | 3982.6 |

Sample Name: S1      Acquired: 4/28/2017 11:15:24      Type: Cal  
Method: P4-ICP2(v1998)      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       | .00068  | .00431  | .00364  | .00177 | .00598 | .00061 | .44629 | .00656  | .02382 |
| Stddev    | .00002  | .00020  | .00043  | .00010 | .00021 | .00014 | .00119 | .00006  | .00031 |
| %RSD      | 3.1503  | 4.7081  | 11.852  | 5.4931 | 3.4583 | 23.312 | .26701 | .98003  | 1.3112 |
| #1        | .00067  | .00416  | .00395  | .00171 | .00613 | .00072 | .44714 | .00661  | .02404 |
| #2        | .00070  | .00445  | .00334  | .00184 | .00584 | .00051 | .44545 | .00652  | .02360 |
| Elem      | Cr2677  | Co2286  | Cu2247  | Fe2404 | Mn2576 | Ni2316 | Aq3280 | V_ 2924 | Zn2138 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S   | Cts/S  |
| Avg       | .00231  | .03923  | .01137  | .20949 | .02938 | .02963 | .00187 | .00895  | 5.8706 |
| Stddev    | .00006  | .00004  | .00014  | .00459 | .00012 | .00013 | .00006 | .00004  | .0315  |
| %RSD      | 2.5265  | .09286  | 1.2485  | 2.1888 | .40777 | .42432 | 3.2371 | .48354  | .53643 |
| #1        | .00235  | .03921  | .01147  | .20625 | .02947 | .02972 | .00192 | .00892  | 5.8483 |
| #2        | .00227  | .03926  | .01127  | .21273 | .02930 | .02954 | .00183 | .00898  | 5.8929 |
| 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       | .10849  | .00226  | .00136  | .19113 | .00676 | .01387 | .02593 | .0012   | .18870 |
| Stddev    | .00006  | .00013  | .00002  | .00161 | .00007 | .00042 | .00297 | .0002   | .00066 |
| %RSD      | .05277  | 5.6649  | 1.3006  | .84483 | 1.0142 | 3.0041 | 11.468 | 14.43   | .35095 |
| #1        | .10845  | .00235  | .00138  | .19227 | .00671 | .01417 | .02803 | -.0010  | .18824 |
| #2        | .10853  | .00217  | .00135  | .18999 | .00681 | .01358 | .02383 | -.0013  | .18917 |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |        |        |         |        |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |        |        |         |        |
| Avg       | 4361.7  | 59231.  | 5274.2  | 76.248 | 3995.9 |        |        |         |        |
| Stddev    | 6.0     | 110.    | 5.8     | .196   | 6.9    |        |        |         |        |
| %RSD      | .13780  | .18536  | .10957  | .25714 | .17153 |        |        |         |        |
| #1        | 4357.5  | 59154.  | 5270.1  | 76.386 | 3991.1 |        |        |         |        |
| #2        | 4366.0  | 59309.  | 5278.3  | 76.109 | 4000.8 |        |        |         |        |

Sample Name: S2      Acquired: 4/28/2017 11:19:42      Type: Cal  
Method: P4-ICP2(v1998)      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    | .12317 | .01733 | .49611 | .12002  |
| Stddev | .00077 | .00017 | .00345 | .00225  |
| %RSD   | .62295 | .96997 | .69636 | 1.8779  |

|    |        |        |        |        |
|----|--------|--------|--------|--------|
| #1 | .12371 | .01721 | .49367 | .11843 |
| #2 | .12263 | .01745 | .49855 | .12162 |

|           |         |
|-----------|---------|
| Int. Std. | Y_ 3710 |
| Units     | Cts/S   |
| Avg       | 5323.3  |
| Stddev    | 10.4    |
| %RSD      | .19566  |

|    |        |
|----|--------|
| #1 | 5330.7 |
| #2 | 5315.9 |

Sample Name: S3      Acquired: 4/28/2017 11:23:43      Type: Cal  
Method: P4-ICP2(v1998)      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    | .12991 | .30898 | .68998 | .20025 | .30455 | .02409 | .20.587 | .13590 | 5.0091 |
| Stddev | .00183 | .00438 | .00760 | .00253 | .00447 | .00016 | .049    | .00022 | .0590  |
| %RSD   | 1.4075 | 1.4176 | 1.1010 | 1.2635 | 1.4678 | .67098 | .23809  | .15965 | 1.1774 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .12862 | .30589 | .68461 | .19846 | .30139 | .02398 | 20.622 | .13605 | 4.9674 |
| #2 | .13120 | .31208 | .69535 | .20204 | .30771 | .02421 | 20.552 | .13574 | 5.0508 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .64463 | .10607 | 1.6071 | .35621 | 4.0152 | 1.7674 | .09888 | .91985 | .13053 |
| Stddev | .00011 | .00003 | .0200  | .00422 | .0086  | .0031  | .00012 | .01224 | .00019 |
| %RSD   | .01675 | .02799 | 1.2440 | 1.1854 | .21394 | .17676 | .11935 | 1.3304 | .14705 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .64455 | .10609 | 1.5930 | .35323 | 4.0213 | 1.7696 | .09896 | .91119 | .13040 |
| #2 | .64471 | .10605 | 1.6212 | .35920 | 4.0091 | 1.7651 | .09880 | .92850 | .13067 |

|        |        |         |        |         |        |         |         |        |        |
|--------|--------|---------|--------|---------|--------|---------|---------|--------|--------|
| 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    | 2.7071 | .29647  | 179.87 | .78258  | 1.3215 | .05435  | .12201  | .98500 | .40822 |
| Stddev | .0063  | .00003  | .08    | .00401  | .0176  | .00073  | .00126  | .00101 | .00439 |
| %RSD   | .23170 | .00880  | .04655 | .51214  | 1.3303 | 1.3493  | 1.0304  | .10273 | 1.0764 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.7115 | .29649 | 179.81 | .78541 | 1.3090 | .05383 | .12112 | .98572 | .40511 |
| #2 | 2.7026 | .29645 | 179.93 | .77974 | 1.3339 | .05487 | .12290 | .98429 | .41133 |

|        |        |        |         |        |
|--------|--------|--------|---------|--------|
| Elem   | Ti3361 | Li6707 | P_ 1774 | Sr4077 |
| Units  | Cts/S  | Cts/S  | Cts/S   | Cts/S  |
| Avg    | .71761 | 2.8802 | .3175   | 21.751 |
| Stddev | .00017 | .0036  | .0046   | .043   |
| %RSD   | .02402 | .12396 | 1.445   | .19686 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .71749 | 2.8827 | .3142 | 21.782 |
| #2 | .71774 | 2.8776 | .3207 | 21.721 |



Sample Name: S3      Acquired: 4/28/2017 11:23:43      Type: Cal  
Method: P4-ICP2(v1998)      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       | 4349.5  | 59613.  | 5369.0  | 75.968 | 3911.1 |
| Stddev    | 33.9    | 49.     | 17.4    | .143   | 29.2   |
| %RSD      | .77840  | .08207  | .32367  | .18819 | .74629 |
| #1        | 4373.4  | 59647.  | 5356.8  | 75.867 | 3931.7 |
| #2        | 4325.5  | 59578.  | 5381.3  | 76.069 | 3890.4 |

Sample Name: S4      Acquired: 4/28/2017 11:27:36      Type: Cal  
Method: P4-ICP2(v1998)      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    | .25713 | .61229 | 1.3560 | .39760 | .60405 | .04764 | 40.984 | .26989 | 9.8692 |
| Stddev | .00084 | .00080 | .0047  | .00071 | .00222 | .00035 | .005   | .00020 | .0257  |
| %RSD   | .32755 | .13023 | .34548 | .17960 | .36815 | .73636 | .01236 | .07256 | .26018 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .25772 | .61286 | 1.3593 | .39810 | .60562 | .04789 | 40.981 | .27003 | 9.8874 |
| #2 | .25653 | .61173 | 1.3527 | .39709 | .60248 | .04740 | 40.988 | .26975 | 9.8511 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 1.2672 | .20786 | 3.1691 | .69673 | 7.7536 | 3.4900 | .19404 | 1.8028 | .25941 |
| Stddev | .0035  | .00105 | .0127  | .00045 | .2293  | .0102  | .00001 | .0018  | .00014 |
| %RSD   | .27630 | .50320 | .39948 | .06483 | 2.9570 | .29137 | .00559 | .10005 | .05215 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.2696 | .20860 | 3.1781 | .69705 | 7.5915 | 3.4972 | .19405 | 1.8041 | .25951 |
| #2 | 1.2647 | .20712 | 3.1602 | .69641 | 7.9158 | 3.4828 | .19403 | 1.8015 | .25932 |

|        |        |         |        |         |        |         |         |        |        |
|--------|--------|---------|--------|---------|--------|---------|---------|--------|--------|
| Elem   | Na5895 | V_ 2924 | Zn2138 | K_ 7664 | Mo2020 | B_ 2496 | S_ 1820 | Si2881 | Sn1899 |
| Units  | Cts/S  | Cts/S   | Cts/S  | Cts/S   | Cts/S  | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg    | 5.3482 | .58957  | 352.29 | 1.5892  | 2.6118 | .10767  | .24600  | 1.8600 | .80411 |
| Stddev | .0003  | .00107  | 9.38   | .0073   | .0040  | .00061  | .00040  | .0140  | .00137 |
| %RSD   | .00480 | .18170  | 2.6614 | .46138  | .15327 | .56816  | .16447  | .75188 | .17053 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 5.3480 | .59033 | 345.66 | 1.5944 | 2.6147 | .10810 | .24628 | 1.8501 | .80508 |
| #2 | 5.3483 | .58881 | 358.92 | 1.5841 | 2.6090 | .10724 | .24571 | 1.8699 | .80314 |

|        |        |        |         |        |
|--------|--------|--------|---------|--------|
| Elem   | Ti3361 | Li6707 | P_ 1774 | Sr4077 |
| Units  | Cts/S  | Cts/S  | Cts/S   | Cts/S  |
| Avg    | 1.4227 | 5.7556 | .6387   | 42.916 |
| Stddev | .0010  | .0043  | .0005   | .036   |
| %RSD   | .06951 | .07508 | .0721   | .08308 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 1.4234 | 5.7525 | .6390 | 42.891 |
| #2 | 1.4220 | 5.7586 | .6384 | 42.941 |

Sample Name: S4      Acquired: 4/28/2017 11:27:36      Type: Cal  
Method: P4-ICP2(v1998)      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       | 4240.7  | 57700.  | 5214.8  | 74.194 | 3799.0 |
| Stddev    | 7.5     | 269.    | 5.9     | 2.011  | 13.3   |
| %RSD      | .17709  | .46565  | .11359  | 2.7099 | .34955 |
| #1        | 4235.4  | 57510.  | 5218.9  | 75.615 | 3789.6 |
| #2        | 4246.0  | 57890.  | 5210.6  | 72.772 | 3808.3 |

Sample Name: S5      Acquired: 4/28/2017 11:31:32      Type: Cal  
Method: P4-ICP2(v1998)      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    | .51044 | 1.2161 | 2.7016 | .78290 | 1.1998 | .09485 | 79.921 | .53154 | 19.626 |
| Stddev | .00050 | .0023  | .0067  | .00159 | .0012  | .00067 | .857   | .00167 | .027   |
| %RSD   | .09763 | .19041 | .24743 | .20365 | .09770 | .70631 | 1.0720 | .31471 | .13551 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .51009 | 1.2177 | 2.7063 | .78177 | 1.2006 | .09437 | 79.316 | .53036 | 19.645 |
| #2 | .51080 | 1.2145 | 2.6968 | .78403 | 1.1990 | .09532 | 80.527 | .53273 | 19.607 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 2.5016 | .40719 | 3.3448 | 1.3607 | 15.499 | 3.7731 | .38515 | 3.5717 | .51919 |
| Stddev | .0127  | .00013 | .0151  | .0022  | .341   | .0021  | .00068 | .0049  | .00007 |
| %RSD   | .50685 | .03183 | .23776 | .16536 | 2.1993 | .03126 | .17551 | .13788 | .01424 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.4926 | .40710 | 6.3555 | 1.3591 | 15.740 | 6.7716 | .38467 | 3.5752 | .51924 |
| #2 | 2.5106 | .40728 | 6.3342 | 1.3623 | 15.258 | 6.7746 | .38563 | 3.5682 | .51914 |

|        |        |         |        |         |        |         |         |        |        |
|--------|--------|---------|--------|---------|--------|---------|---------|--------|--------|
| 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    | 10.543 | 1.1681  | 399.46 | 3.1838  | 5.1532 | .21161  | .50410  | 3.5216 | 1.5977 |
| Stddev | .042   | .0016   | 23.77  | .0152   | .0065  | .00042  | .00072  | .0068  | .0026  |
| %RSD   | .39413 | .13324  | 3.3981 | .47878  | .12695 | .20013  | .14218  | .19188 | .16240 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 10.514 | 1.1692 | 716.26 | 3.1731 | 5.1486 | .21191 | .50460 | 3.5168 | 1.5995 |
| #2 | 10.572 | 1.1670 | 682.65 | 3.1946 | 5.1578 | .21131 | .50359 | 3.5264 | 1.5958 |

|        |        |        |         |        |
|--------|--------|--------|---------|--------|
| Elem   | Ti3361 | Li6707 | P_ 1774 | Sr4077 |
| Units  | Cts/S  | Cts/S  | Cts/S   | Cts/S  |
| Avg    | 2.7979 | 11.456 | 1.291   | 33.385 |
| Stddev | .0107  | .049   | .003    | .581   |
| %RSD   | .38178 | .43167 | .2135   | .69662 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 2.7904 | 11.421 | 1.293 | 82.974 |
| #2 | 2.8055 | 11.491 | 1.289 | 83.796 |

Sample Name: S5      Acquired: 4/28/2017 11:31:32      Type: Cal  
Method: P4-ICP2(v1998)      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       | 4155.0  | 56776.  | 5175.8  | 71.940 | 3666.9 |
| Stddev    | 8.8     | 180.    | 10.7    | 2.334  | .6     |
| %RSD      | .21252  | .31705  | .20593  | 3.2445 | .01592 |
| #1        | 4161.2  | 56904.  | 5183.3  | 70.290 | 3666.5 |
| #2        | 4148.7  | 56649.  | 5168.3  | 73.591 | 3667.3 |

Sample Name: ICV01      Acquired: 4/28/2017 11:35:43      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: ICV01      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .99022 | .99265 | .98113 | .97925 | .97019 | 2.4832 | .51985 | .49000 |
| Stddev | .00101 | .00434 | .00036 | .00271 | .00212 | .0308  | .00227 | .00046 |
| %RSD   | .10238 | .43683 | .03643 | .27710 | .21884 | 1.2385 | .43690 | .09413 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .99093 | .99571 | .98088 | .97733 | .97169 | 2.5049 | .51825 | .49032 |
| #2 | .98950 | .98958 | .98139 | .98117 | .96869 | 2.4614 | .52146 | .48967 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .48772 | 10.106 | .49838 | .49983 | .50961 | 4.9717 | .51592 | 3.0443 |
| Stddev | .00020 | .014   | .00144 | .00022 | .00156 | .1452  | .00064 | .0580  |
| %RSD   | .04145 | .13571 | .28838 | .04360 | .30605 | 2.9215 | .12406 | .95872 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .48757 | 10.097 | .49940 | .49999 | .51072 | 5.0744 | .51637 | 6.0853 |
| #2 | .48786 | 10.116 | .49737 | .49968 | .50851 | 4.8690 | .51546 | 6.0033 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .50213 | .49261 | 9.9872 | .49057 | 1.0108 | 9.9794 | 2.5023 | 2.5006 |
| Stddev | .00108 | .00113 | .0368  | .00183 | .0334  | .0289  | .0010  | .0117  |
| %RSD   | .21565 | .22992 | .36825 | .37240 | 3.2999 | .28923 | .03893 | .46758 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .50290 | .49341 | 10.013 | .49186 | 1.0344 | 9.9998 | 2.5030 | 2.5089 |
| #2 | .50136 | .49181 | 9.9612 | .48928 | .98726 | 9.9590 | 2.5016 | 2.4924 |

|        |          |        |        |        |        |        |          |  |
|--------|----------|--------|--------|--------|--------|--------|----------|--|
| Elem   | S_1820   | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077   |  |
| Units  | ppm      | ppm    | ppm    | ppm    | ppm    | ppm    | ppm      |  |
| Avg    | F 2.3504 | 2.4095 | 2.4674 | 2.4991 | 2.5374 | 2.393  | F 2.6689 |  |
| Stddev | .0022    | .0173  | .0031  | .0104  | .0011  | .007   | .0059    |  |
| %RSD   | .09394   | .71725 | .12478 | .41750 | .04165 | .2919  | .22274   |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | 2.3519 | 2.3973 | 2.4696 | 2.4918 | 2.5367 | 2.398 | 2.6731 |  |
| #2 | 2.3488 | 2.4217 | 2.4652 | 2.5065 | 2.5382 | 2.388 | 2.6647 |  |

Sample Name: ICV01      Acquired: 4/28/2017 11:35:43      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: ICV01      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4322.9  | 58660.  | 5243.0  | 74.727 | 3950.7 |
| Stddev    | 6.3     | 173.    | 5.9     | 2.564  | 6.2    |
| %RSD      | .14590  | .29491  | .11230  | 3.4316 | .15659 |
| #1        | 4318.5  | 58538.  | 5238.8  | 72.914 | 3946.3 |
| #2        | 4327.4  | 58783.  | 5247.1  | 76.541 | 3955.1 |

Sample Name: LLICV01      Acquired: 4/28/2017 11:39:38      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: LLICV01      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02064 | .03601 | .01224 | .02087 | .04924 | .10157 | .10141 | .00608 | .00596 |
| Stddev | .00118 | .00111 | .00040 | .00085 | .00062 | .00148 | .00104 | .00003 | .00010 |
| %RSD   | 5.7351 | 3.0918 | 3.2514 | 4.0769 | 1.2512 | 1.4567 | 1.0212 | .51134 | 1.6823 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .01981 | .03680 | .01196 | .02027 | .04968 | .10052 | .10068 | .00611 | .00589 |
| #2 | .02148 | .03522 | .01252 | .02147 | .04881 | .10262 | .10214 | .00606 | .00604 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.0063 | .01046 | .02922 | .02087 | .08695 | .02096 | 2.0082 | .04057 | .01040 |
| Stddev | .0126  | .00002 | .00024 | .00011 | .00317 | .00001 | .0153  | .00034 | .00039 |
| %RSD   | .62572 | .17085 | .81372 | .52824 | 3.6477 | .03056 | .76336 | .83645 | 3.7554 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.0152 | .01047 | .02906 | .02095 | .08919 | .02095 | 2.0191 | .04033 | .01068 |
| #2 | 1.9974 | .01045 | .02939 | .02080 | .08471 | .02096 | 1.9974 | .04081 | .01012 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 1.9798 | .03902 | .04055 | 2.0324 | 20913  | .11854 | .01484 | .37755 | .04141 |
| Stddev | .0032  | .00017 | .00092 | .0115  | .00056 | .00788 | .00276 | .00652 | .00122 |
| %RSD   | .16224 | .44269 | 2.2657 | .56464 | .26901 | 6.6493 | 18.619 | 1.7263 | 2.9340 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.9775 | .03914 | .03990 | 2.0243 | .20953 | .11296 | .01679 | .38216 | .04227 |
| #2 | 1.9820 | .03890 | .04120 | 2.0405 | .20873 | .12411 | .01289 | .37294 | .04056 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | .04311 | .01855 | .0225  | .02234 |
| Stddev | .00154 | .00142 | .0002  | .00003 |
| %RSD   | 3.5665 | 7.6517 | 1.098  | .14906 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .04202 | .01755 | .0226 | .02231 |
| #2 | .04420 | .01955 | .0223 | .02236 |



Sample Name: LLICV01      Acquired: 4/28/2017 11:39:38      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: LLICV01      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4385.1  | 59709.  | 5286.9  | 77.755 | 4063.3 |
| Stddev    | 9.3     | 54.     | 20.0    | 1.524  | 2.1    |
| %RSD      | .21248  | .09071  | .37789  | 1.9594 | .05262 |
| #1        | 4378.5  | 59748.  | 5272.8  | 78.832 | 4061.7 |
| #2        | 4391.7  | 59671.  | 5301.1  | 76.677 | 4064.8 |

Sample Name: ICB01      Acquired: 4/28/2017 11:46:07      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: ICB01      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00074 | .00119 | .00065 | .00214 | .00084 | .02186 | .00186 | .00002 |
| Stddev | .00023 | .00150 | .00005 | .00034 | .00142 | .00408 | .00042 | .00004 |
| %RSD   | 31.065 | 126.45 | 8.3114 | 16.013 | 169.32 | 18.673 | 22.828 | 274.86 |

|    |        |         |        |        |         |        |        |         |
|----|--------|---------|--------|--------|---------|--------|--------|---------|
| #1 | .00090 | -.00013 | .00069 | .00238 | .00017  | .01897 | .00156 | .00001  |
| #2 | .00058 | -.00225 | .00062 | .00190 | -.00185 | .02475 | .00216 | -.00005 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00001 | .00269 | .00002 | .00041 | .00082 | .02292 | .00009 | .02685 |
| Stddev | .00005 | .00646 | .00029 | .00016 | .00023 | .00050 | .00010 | .00603 |
| %RSD   | 354.75 | 240.01 | 1311.0 | 38.868 | 28.467 | 2.1731 | 112.09 | 22.461 |

|    |         |         |         |         |         |         |         |        |
|----|---------|---------|---------|---------|---------|---------|---------|--------|
| #1 | -.00002 | .00188  | -.00023 | -.00052 | -.00099 | -.02257 | -.00017 | .03112 |
| #2 | .00005  | -.00726 | .00018  | -.00029 | -.00066 | -.02328 | -.00002 | .02259 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00009 | .00008 | .03624 | .00053 | .00047 | .02301 | .00045 | .00940 |
| Stddev | .00007 | .00048 | .00301 | .00045 | .00001 | .00821 | .00007 | .01752 |
| %RSD   | 79.216 | 599.48 | 8.3047 | 84.967 | 1.8536 | 35.656 | 16.170 | 186.30 |

|    |        |         |         |        |         |        |        |         |
|----|--------|---------|---------|--------|---------|--------|--------|---------|
| #1 | .00004 | -.00042 | -.03837 | .00084 | -.00048 | .01721 | .00050 | .02179  |
| #2 | .00014 | .00026  | -.03411 | .00021 | -.00047 | .02882 | .00040 | -.00298 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00795 | .00966 | .00011 | .00220 | .00229 | .0005  | .00007 |
| Stddev | .00136 | .00112 | .00077 | .00018 | .00211 | .0004  | .00016 |
| %RSD   | 17.122 | 11.575 | 687.87 | 8.0664 | 91.898 | 66.26  | 212.83 |

|    |         |         |         |        |         |        |         |
|----|---------|---------|---------|--------|---------|--------|---------|
| #1 | -.00892 | -.01045 | .00066  | .00233 | -.00080 | -.0003 | .00018  |
| #2 | -.00699 | -.00887 | -.00043 | .00208 | -.00378 | -.0008 | -.00004 |

Sample Name: ICB01      Acquired: 4/28/2017 11:46:07      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: ICB01      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4409.2  | 59926.  | 5282.1  | 76.918 | 4071.6 |
| Stddev    | 4.4     | 57.     | 28.4    | 3.028  | 1.4    |
| %RSD      | .09892  | .09515  | .53815  | 3.9363 | .03497 |
| #1        | 4406.1  | 59967.  | 5262.0  | 79.059 | 4070.6 |
| #2        | 4412.3  | 59886.  | 5302.2  | 74.777 | 4072.6 |

Sample Name: CRI01      Acquired: 4/28/2017 11:50:18      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CRI01      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01950 | .03565 | .01224 | .01823 | .04704 | .10385 | .10292 | .00607 |
| Stddev | .00020 | .00264 | .00056 | .00187 | .00117 | .00116 | .00010 | .00002 |
| %RSD   | 1.0099 | 7.4163 | 4.6059 | 10.232 | 2.4941 | 1.1136 | .09652 | .25168 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .01964 | .03752 | .01264 | .01691 | .04786 | .10303 | .10285 | .00608 |
| #2 | .01936 | .03378 | .01185 | .01955 | .04621 | .10466 | .10299 | .00606 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00593 | 1.9959 | .01011 | .02893 | .02100 | .08413 | .02115 | 2.0587 |
| Stddev | .00003 | .0066  | .00053 | .00017 | .00005 | .00583 | .00031 | .0121  |
| %RSD   | .52696 | .33062 | 5.2651 | .57766 | .23709 | 6.9280 | 1.4534 | .58781 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00595 | 2.0006 | .01049 | .02881 | .02104 | .08825 | .02137 | 2.0501 |
| #2 | .00591 | 1.9912 | .00973 | .02905 | .02097 | .08001 | .02094 | 2.0672 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .04009 | .01043 | 1.9676 | .03930 | .04080 | 2.0354 | .20829 | .09994 |
| Stddev | .00024 | .00039 | .0013  | .00032 | .00016 | .0307  | .00038 | .02187 |
| %RSD   | .58661 | 3.7240 | .06732 | .82485 | .39330 | 1.5094 | .18439 | 21.880 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .03993 | .01016 | 1.9666 | .03953 | .04091 | 2.0571 | .20802 | .08448 |
| #2 | .04026 | .01071 | 1.9685 | .03907 | .04069 | 2.0137 | .20856 | .11540 |

|        |          |        |        |        |        |        |        |  |
|--------|----------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820   | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm      | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | F .01151 | .38890 | .04051 | .04433 | .01609 | .0203  | .02229 |  |
| Stddev | .00107   | .00008 | .00096 | .00137 | .00118 | .0012  | .00019 |  |
| %RSD   | 9.3059   | .02104 | 2.3649 | 3.0982 | 7.3066 | 6.078  | .85976 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | .01226 | .38896 | .04119 | .04336 | .01526 | .0212 | .02215 |  |
| #2 | .01075 | .38884 | .03983 | .04530 | .01692 | .0195 | .02242 |  |

Sample Name: CRI01      Acquired: 4/28/2017 11:50:18      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CRI01      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4354.1  | 58685.  | 5205.9  | 75.818 | 4060.4 |
| Stddev    | .1      | 667.    | 46.3    | .366   | 7.0    |
| %RSD      | .00285  | 1.1357  | .88980  | .48327 | .17343 |
| #1        | 4354.0  | 58214.  | 5173.1  | 76.077 | 4055.4 |
| #2        | 4354.2  | 59156.  | 5238.6  | 75.559 | 4065.3 |

Sample Name: IC5A01      Acquired: 4/28/2017 11:54:25      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: IC5A01      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00393 | .00065 | .00263 | .00646 | .00288 | 265.08 | .00775 |
| Stddev | .00325 | .00129 | .00138 | .00327 | .00271 | 2.95   | .00059 |
| %RSD   | 82.606 | 197.64 | 52.609 | 50.574 | 94.267 | 1.1129 | 7.6042 |

|    |        |         |        |        |         |        |        |
|----|--------|---------|--------|--------|---------|--------|--------|
| #1 | .00163 | -.00026 | .00361 | .00415 | -.00479 | 262.99 | .00817 |
| #2 | .00622 | .00156  | .00165 | .00877 | -.00096 | 267.16 | .00734 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00039 | .00099 | 241.10 | .04712 | .00093 | .01541 | 36.403 |
| Stddev | .00002 | .00002 | .12    | .00005 | .00021 | .00003 | 1.366  |
| %RSD   | 6.3669 | 2.4189 | .04932 | .10691 | 22.448 | .19148 | 1.4169 |

|    |         |         |        |        |         |        |        |
|----|---------|---------|--------|--------|---------|--------|--------|
| #1 | -.00041 | -.00097 | 241.18 | .04716 | -.00078 | .01543 | 95.437 |
| #2 | -.00037 | -.00101 | 241.01 | .04709 | -.00108 | .01539 | 97.369 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01612 | 251.68 | .00052 | .00685 | .03821 | .00109 | .00051 |
| Stddev | .00003 | .49    | .00031 | .00021 | .01080 | .00022 | .00010 |
| %RSD   | .20864 | .19627 | 59.989 | 3.1368 | 28.275 | 20.288 | 19.621 |

|    |        |        |        |         |         |        |         |
|----|--------|--------|--------|---------|---------|--------|---------|
| #1 | .01609 | 251.33 | .00030 | -.00670 | -.04585 | .00094 | -.00044 |
| #2 | .01614 | 252.03 | .00075 | -.00700 | -.03057 | .00125 | -.00058 |

|        |        |        |        |          |        |        |        |
|--------|--------|--------|--------|----------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820   | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm      | ppm    | ppm    | ppm    |
| Avg    | .02881 | .00003 | .04875 | F .03921 | .01389 | .00074 | .00288 |
| Stddev | .00865 | .00023 | .00225 | .00050   | .00290 | .00001 | .00074 |
| %RSD   | 30.036 | 745.42 | 4.6180 | 1.2676   | 20.849 | 1.7578 | 25.701 |

|    |         |         |        |         |         |         |        |
|----|---------|---------|--------|---------|---------|---------|--------|
| #1 | -.02269 | -.00020 | .05034 | -.03956 | -.01185 | -.00073 | .00236 |
| #2 | -.03492 | .00013  | .04716 | -.03886 | -.01594 | -.00075 | .00340 |

Sample Name: IC5A01      Acquired: 4/28/2017 11:54:25      Type: Unk  
 Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: IC5A01      Custom ID2:      Custom ID3:  
 Comment:

| Elem   | Li6707  | P_1774 | Sr4077  |
|--------|---------|--------|---------|
| Units  | ppm     | ppm    | ppm     |
| Avg    | .00043  | .0076  | F.08500 |
| Stddev | .00138  | .0010  | .00005  |
| %RSD   | 323.76  | 12.89  | .05369  |
| #1     | .00140  | .0083  | .08503  |
| #2     | -.00055 | .0069  | .08496  |

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 3995.2  | 54909.  | 5130.9  | 72.015 | 3608.3 |
| Stddev    | 40.1    | 130.    | 45.1    | .571   | 41.4   |
| %RSD      | 1.0028  | .23592  | .87839  | .79225 | 1.1487 |
| #1        | 4023.5  | 55001.  | 5099.1  | 72.418 | 3637.6 |
| #2        | 3966.8  | 54818.  | 5162.8  | 71.611 | 3579.0 |

Sample Name: ICSAB01      Acquired: 4/28/2017 11:58:38      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: ICSAB01      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .10330 | .09782 | .05212 | .05325 | .59886 | 264.20 | .52884 | .52578 |
| Stddev | .00464 | .00148 | .00003 | .00098 | .00078 | 3.33   | .00250 | .00024 |
| %RSD   | 4.4914 | 1.5171 | .05768 | 1.8387 | .13086 | 1.2601 | .47319 | .04559 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .10659 | .09677 | .05214 | .05394 | .59830 | 261.84 | .52707 | .52595 |
| #2 | .10002 | .09887 | .05210 | .05255 | .59941 | 266.55 | .53061 | .52561 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .96422 | 241.54 | .54610 | .47635 | .49709 | 95.116 | .53571 | 250.77 |
| Stddev | .00387 | .28    | .00364 | .00184 | .00160 | 1.979  | .00130 | .40    |
| %RSD   | .40106 | .11700 | .66584 | .38713 | .32137 | 2.0812 | .24210 | .15971 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .96149 | 241.34 | .54353 | .47505 | .49596 | 93.716 | .53479 | 250.49 |
| #2 | .96696 | 241.74 | .54867 | .47766 | .49822 | 96.515 | .53663 | 251.06 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .93174 | .20637 | .02286 | .50917 | .99978 | .01994 | 1.0476 | 1.0584 |
| Stddev | .00394 | .00098 | .02305 | .00195 | .02206 | .00167 | .0039  | .0164  |
| %RSD   | .42328 | .47438 | 100.83 | .38291 | 2.2066 | 8.3745 | .37614 | 1.5516 |

|    |        |        |         |        |        |        |        |        |
|----|--------|--------|---------|--------|--------|--------|--------|--------|
| #1 | .92895 | .20567 | -.00656 | .50779 | .98418 | .02112 | 1.0448 | 1.0468 |
| #2 | .93453 | .20706 | -.03915 | .51054 | 1.0154 | .01876 | 1.0504 | 1.0700 |

|        |        |        |        |        |        |        |         |  |
|--------|--------|--------|--------|--------|--------|--------|---------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077  |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     |  |
| Avg    | .93022 | .94108 | 1.0315 | 1.0311 | 1.1361 | F1.060 | F1.2005 |  |
| Stddev | .00195 | .00084 | .0044  | .0063  | .0007  | .007   | .0059   |  |
| %RSD   | .20949 | .08873 | .42920 | .61617 | .06367 | .6615  | .48973  |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | .92884 | .94049 | 1.0284 | 1.0266 | 1.1356 | 1.055 | 1.1963 |  |
| #2 | .93160 | .94167 | 1.0347 | 1.0356 | 1.1367 | 1.065 | 1.2047 |  |



Sample Name: ICSAB01      Acquired: 4/28/2017 11:58:38      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: ICSAB01      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4001.3  | 54318.  | 5087.3  | 72.466 | 3629.9 |
| Stddev    | 16.8    | 383.    | 2.6     | 1.574  | 17.4   |
| %RSD      | .41860  | .70559  | .05156  | 2.1725 | .47898 |
| #1        | 4013.2  | 54589.  | 5089.1  | 73.579 | 3642.2 |
| #2        | 3989.5  | 54047.  | 5085.4  | 71.353 | 3617.6 |

Sample Name: CCV01      Acquired: 4/28/2017 12:02:41      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV01      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.9859 | 4.8822 | 4.8778 | 5.0165 | 4.9748 | 9.7311 | 10.089 | 25091  | 2.4666 |
| Stddev | .0029  | .0088  | .0019  | .0120  | .0054  | .1018  | .014   | .00037 | .0007  |
| %RSD   | .05736 | .17963 | .03790 | .24008 | .10814 | 1.0457 | .14303 | .14895 | .02666 |

|    |        |        |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|--------|--------|-------|--------|
| #1 | 4.9839 | 4.8759 | 4.8792 | 5.0080 | 4.9710 | 9.6592 | 10.099 | 25118 | 2.4661 |
| #2 | 4.9879 | 4.8884 | 4.8765 | 5.0250 | 4.9786 | 9.8031 | 10.079 | 25065 | 2.4670 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 24.801 | 98060  | 2.4582 | 1.2453 | 4.7657 | 2.5442 | 24.542 | 2.4633 | 1.2235 |
| Stddev | .174   | .00063 | .0010  | .0009  | .0622  | .0010  | .126   | .0005  | .0068  |
| %RSD   | .70196 | .06459 | .04009 | .07510 | 1.3045 | .03960 | .51195 | .02062 | .55589 |

|    |        |       |        |        |        |        |        |        |        |
|----|--------|-------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 24.678 | 98015 | 2.4589 | 1.2446 | 4.7217 | 2.5449 | 24.453 | 2.4629 | 1.2284 |
| #2 | 24.924 | 98104 | 2.4575 | 1.2459 | 4.8096 | 2.5435 | 24.631 | 2.4636 | 1.2187 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 24.513 | 2.4821 | 2.4023 | 25.039 | 5.0287 | 4.8369 | 4.9229 | 4.8459 | 4.9098 |
| Stddev | .065   | .0078  | .0191  | .015   | .0063  | .0165  | .0037  | .0216  | .0081  |
| %RSD   | .26556 | .31266 | .79345 | .06093 | .12568 | .34220 | .07475 | .44520 | .16439 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 24.467 | 2.4876 | 2.3888 | 25.050 | 5.0332 | 4.8252 | 4.9255 | 4.8612 | 4.9041 |
| #2 | 24.559 | 2.4766 | 2.4158 | 25.029 | 5.0242 | 4.8486 | 4.9203 | 4.8307 | 4.9156 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.9269 | 5.0306 | 4.966  | 4.9633 |
| Stddev | .0031  | .0056  | .008   | .0002  |
| %RSD   | .06248 | .11237 | .1575  | .00362 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 4.9247 | 5.0266 | 4.960 | 4.9634 |
| #2 | 4.9290 | 5.0346 | 4.971 | 4.9631 |

Sample Name: CCV01      Acquired: 4/28/2017 12:02:41      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV01      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4179.9  | 56937.  | 5199.2  | 76.083 | 3790.7 |
| Stddev    | 8.9     | 44.     | 12.9    | .465   | 4.6    |
| %RSD      | .21283  | .07674  | .24737  | .61101 | .12239 |
| #1        | 4173.6  | 56968.  | 5190.1  | 76.412 | 3787.4 |
| #2        | 4186.2  | 56906.  | 5208.3  | 75.755 | 3794.0 |

Sample Name: LLCCV01      Acquired: 4/28/2017 12:06:34      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: LLCCV01      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01928 | .03488 | .01130 | .01864 | .04768 | .09349 | .10164 | .00599 |
| Stddev | .00065 | .00080 | .00002 | .00319 | .00097 | .01205 | .00057 | .00006 |
| %RSD   | 3.3462 | 2.2829 | .17244 | 17.086 | 2.0342 | 12.890 | .55657 | 1.0676 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .01973 | .03431 | .01132 | .01639 | .04699 | .10201 | .10204 | .00594 |
| #2 | .01882 | .03544 | .01129 | .02089 | .04837 | .08497 | .10124 | .00603 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00585 | 1.9827 | .00997 | .02864 | .02132 | .08410 | .02086 | 1.9650 |
| Stddev | .00001 | .0014  | .00029 | .00032 | .00046 | .01230 | .00005 | .0621  |
| %RSD   | .12457 | .07211 | 2.9340 | 1.1107 | 2.1646 | 14.621 | .24387 | 3.1600 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00585 | 1.9838 | .00977 | .02842 | .02100 | .09280 | .02082 | 1.9211 |
| #2 | .00586 | 1.9817 | .01018 | .02887 | .02165 | .07541 | .02089 | 2.0090 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .03977 | .01048 | 1.9628 | .03859 | .03931 | 1.9874 | .20727 | .10683 |
| Stddev | .00032 | .00036 | .0020  | .00036 | .00039 | .0465  | .00021 | .01813 |
| %RSD   | .79338 | 3.4232 | .10305 | .92144 | .99013 | 2.3385 | .10339 | 16.968 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .03955 | .01022 | 1.9614 | .03834 | .03903 | 2.0203 | .20712 | .09401 |
| #2 | .04000 | .01073 | 1.9642 | .03884 | .03958 | 1.9545 | .20742 | .11964 |

|        |          |        |        |        |        |        |        |  |
|--------|----------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820   | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm      | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | F .01064 | .38457 | .04140 | .04379 | .01806 | .0205  | .02178 |  |
| Stddev | .00331   | .00515 | .00031 | .00173 | .00365 | .0004  | .00001 |  |
| %RSD   | 31.123   | 1.3400 | .76070 | 3.9408 | 20.243 | 1.723  | .06514 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | .00830 | .38821 | .04163 | .04257 | .02064 | .0207 | .02179 |  |
| #2 | .01298 | .38093 | .04118 | .04501 | .01547 | .0202 | .02177 |  |

Sample Name: LLCCV01      Acquired: 4/28/2017 12:06:34      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: LLCCV01      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4347.2  | 58931.  | 5263.7  | 77.945 | 4041.1 |
| Stddev    | .9      | 82.     | 1.4     | 1.208  | 3.3    |
| %RSD      | .02080  | .13833  | .02632  | 1.5505 | .08284 |
| #1        | 4347.8  | 58873.  | 5262.7  | 78.800 | 4038.7 |
| #2        | 4346.5  | 58989.  | 5264.7  | 77.091 | 4043.5 |

Sample Name: CCB01      Acquired: 4/28/2017 12:10:43      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB01      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00117 | .00343 | .00029 | .00060 | .00090 | .01496 | .00200 | .00002 |
| Stddev | .00115 | .00153 | .00097 | .00065 | .00149 | .00096 | .00013 | .00002 |
| %RSD   | 98.901 | 44.719 | 338.27 | 109.15 | 165.24 | 6.4338 | 6.7170 | 136.52 |

|    |         |         |         |         |         |        |        |         |
|----|---------|---------|---------|---------|---------|--------|--------|---------|
| #1 | -.00198 | -.00234 | .00040  | -.00106 | .00196  | .01428 | .00209 | -.00003 |
| #2 | -.00035 | -.00451 | -.00098 | -.00014 | -.00015 | .01564 | .00190 | .00000  |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00001 | .02156 | .00023 | .00000 | .00025 | .00510 | .00015 | .00824 |
| Stddev | .00009 | .00646 | .00014 | .0001  | .00064 | .01320 | .00001 | .01599 |
| %RSD   | 589.79 | 29.958 | 60.798 | 3361.2 | 254.03 | 258.87 | 7.7584 | 194.12 |

|    |         |        |         |         |         |         |         |         |
|----|---------|--------|---------|---------|---------|---------|---------|---------|
| #1 | -.00008 | .01699 | -.00013 | -.00004 | .00020  | .01443  | -.00014 | .00307  |
| #2 | .00005  | .02613 | -.00033 | .00004  | -.00070 | -.00423 | -.00016 | -.01954 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00036 | .00027 | .01879 | .00006 | .00053 | .01059 | .00043 | .01889 |
| Stddev | .00036 | .00023 | .00199 | .00042 | .00006 | .01293 | .00047 | .00831 |
| %RSD   | 97.985 | 84.469 | 10.568 | 712.14 | 11.925 | 122.19 | 110.02 | 43.975 |

|    |        |         |         |         |         |         |        |        |
|----|--------|---------|---------|---------|---------|---------|--------|--------|
| #1 | .00011 | -.00044 | -.02019 | .00036  | -.00057 | -.00144 | .00077 | .02476 |
| #2 | .00062 | -.00011 | -.01738 | -.00024 | -.00048 | -.01973 | .00010 | .01301 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .00526 | .00707 | .00016 | .00409 | .00307 | .0002  | .00002 |  |
| Stddev | .00281 | .00238 | .00020 | .00240 | .00038 | .0010  | .00006 |  |
| %RSD   | 53.458 | 33.650 | 129.58 | 58.691 | 12.404 | 571.8  | 380.23 |  |

|    |         |         |         |        |         |        |         |  |
|----|---------|---------|---------|--------|---------|--------|---------|--|
| #1 | -.00724 | -.00875 | -.00030 | .00579 | -.00280 | -.0009 | .00003  |  |
| #2 | -.00327 | -.00539 | -.00001 | .00239 | -.00334 | .0006  | -.00006 |  |

Sample Name: CCB01      Acquired: 4/28/2017 12:10:43      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB01      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4333.0  | 58784.  | 5207.0  | 77.048 | 4005.7 |
| Stddev    | 5.5     | 307.    | 13.7    | 3.262  | 2.5    |
| %RSD      | .12655  | .52153  | .26339  | 4.2342 | .06252 |
| #1        | 4329.1  | 58567.  | 5197.3  | 79.355 | 4003.9 |
| #2        | 4336.9  | 59001.  | 5216.7  | 74.741 | 4007.5 |

Sample Name: I2810-01      Acquired: 4/28/2017 12:14:59      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .07620 | .00060 | .79662 | .08224 | .00185 | 74.211 | .81855 | .00391 |
| Stddev | .00697 | .00209 | .00861 | .00035 | .00039 | .184   | .00350 | .00002 |
| %RSD   | 9.1499 | 348.50 | 1.0809 | .42113 | 21.114 | .24730 | .42750 | .61448 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .07127 | .00208  | .79053 | .08249 | .00213 | 74.341 | .81608 | .00393 |
| #2 | .08114 | -.00088 | .80271 | .08200 | .00158 | 74.081 | .82103 | .00389 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00024 | 144.57 | .21951 | .07271 | 1.1760 | 242.24 | 2.7351 | 54.677 |
| Stddev | .00050 | .18    | .00078 | .00157 | .0156  | .91    | .0018  | .015   |
| %RSD   | 212.11 | .12580 | .35311 | 2.1613 | 1.3232 | .37650 | .06608 | .02808 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | -.00012 | 144.69 | .21896 | .07160 | 1.1650 | 242.89 | 2.7364 | 54.666 |
| #2 | .00059  | 144.44 | .22006 | .07382 | 1.1870 | 241.60 | 2.7338 | 54.688 |

|        |        |         |        |        |        |        |        |        |
|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280  | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .33471 | -.01294 | 2.3309 | .33604 | .93531 | 10.737 | .00538 | .18322 |
| Stddev | .00556 | .00096  | .0017  | .00197 | .00239 | .029   | .00002 | .02359 |
| %RSD   | 1.6616 | 7.4177  | .07245 | .58759 | .25596 | .26875 | .28264 | 12.877 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .33077 | -.01226 | 2.3297 | .33743 | .93700 | 10.716 | .00536 | .19990 |
| #2 | .33864 | -.01362 | 2.3321 | .33464 | .93361 | 10.757 | .00539 | .16653 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 5.6015 | 5.1623 | .03965 | 2.1122 | .08895 | 4.781  | .40473 |
| Stddev | .0656  | .0031  | .00059 | .0099  | .00025 | .060   | .00228 |
| %RSD   | 1.1705 | .04984 | 1.4819 | .47074 | .27693 | 1.263  | .56258 |

|    |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|-------|--------|
| #1 | 5.5551 | 6.1645 | .03924 | 2.1192 | .08913 | 4.739 | .40634 |
| #2 | 5.6479 | 6.1601 | .04007 | 2.1052 | .08878 | 4.824 | .40312 |



Sample Name: I2810-01      Acquired: 4/28/2017 12:14:59      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4535.3  | 32409.  | 5778.4  | 76.587 | 3740.4 |
| Stddev    | 51.8    | 120.    | 14.9    | .397   | 44.1   |
| %RSD      | 1.1428  | .19159  | .25872  | .51812 | 1.1802 |
| #1        | 4572.0  | 62325.  | 5767.9  | 76.306 | 3771.6 |
| #2        | 4498.7  | 62494.  | 5789.0  | 76.868 | 3709.1 |

Sample Name: I2810-01DUP      Acquired: 4/28/2017 12:19:50      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .07054 | .00151 | .77041 | .07753 | .00255 | 72.678 | .80426 | .00383 |
| Stddev | .00376 | .00009 | .00057 | .00124 | .00170 | .575   | .00162 | .00007 |
| %RSD   | 5.3258 | 5.9247 | .07452 | 1.5967 | 66.487 | .79129 | .20097 | 1.7144 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .07320 | .00145 | .77082 | .07841 | .00135 | 72.271 | .80540 | .00387 |
| #2 | .06788 | .00157 | .77000 | .07666 | .00375 | 73.085 | .80312 | .00378 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00075 | 141.05 | .21453 | .06987 | 1.1436 | 228.86 | 2.6717 | 53.360 |
| Stddev | .00029 | .04    | .00009 | .00017 | .0009  | 2.05   | .0001  | .115   |
| %RSD   | 38.941 | .03078 | .03993 | .24392 | .08120 | .89560 | .00524 | .21548 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00096 | 141.01 | .21459 | .06975 | 1.1442 | 227.42 | 2.6716 | 53.279 |
| #2 | .00054 | 141.08 | .21447 | .06999 | 1.1429 | 230.31 | 2.6718 | 53.441 |

|        |        |         |        |        |        |        |        |        |
|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280  | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .32350 | -.01337 | 2.2791 | .32798 | .88885 | 10.519 | .00569 | .15745 |
| Stddev | .00019 | .00072  | .0001  | .00009 | .00601 | .024   | .00057 | .00096 |
| %RSD   | .05824 | 5.3809  | .00239 | .02674 | .67573 | .22766 | 9.9596 | .60665 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .32337 | -.01388 | 2.2791 | .32804 | .88460 | 10.502 | .00529 | .15813 |
| #2 | .32363 | -.01287 | 2.2790 | .32792 | .89309 | 10.536 | .00609 | .15678 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | 5.4410 | 6.0530 | .03801 | 2.0662 | .08491 | 4.630  | .39572 |  |
| Stddev | .0028  | .0448  | .00126 | .0040  | .00038 | .002   | .00057 |  |
| %RSD   | .05174 | .73998 | 3.3129 | .19386 | .45010 | .0418  | .14467 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | 5.4390 | 6.0847 | .03712 | 2.0634 | .08518 | 4.632 | .39532 |  |
| #2 | 5.4430 | 6.0214 | .03890 | 2.0691 | .08464 | 4.629 | .39612 |  |

Sample Name: I2810-01DUP      Acquired: 4/28/2017 12:19:50      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4621.9  | 33370.  | 5876.2  | 79.999 | 3834.5 |
| Stddev    | 12.3    | 93.     | 25.0    | .404   | 8.4    |
| %RSD      | .26622  | .14606  | .42530  | .50540 | .21936 |
| #1        | 4613.2  | 63435.  | 5858.5  | 80.285 | 3828.5 |
| #2        | 4630.6  | 63304.  | 5893.9  | 79.713 | 3840.4 |

Sample Name: I2810-01LX5      Acquired: 4/28/2017 12:23:45      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01739 | .00001 | .16448 | .02014 | .00122 | 15.961 | .18159 | .00085 |
| Stddev | .00329 | .00157 | .00096 | .00117 | .00014 | .009   | .00027 | .00000 |
| %RSD   | 18.941 | 17136. | .58155 | 5.8299 | 11.607 | .05901 | .15057 | .32083 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .01972 | .00110  | .16516 | .01931 | .00112 | 15.954 | .18178 | .00085 |
| #2 | .01506 | -.00112 | .16380 | .02097 | .00132 | 15.968 | .18139 | .00086 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00058 | 32.437 | .04912 | .01460 | .26900 | 50.944 | .61667 | 12.210 |
| Stddev | .00011 | .247   | .00009 | .00021 | .00013 | .022   | .00103 | .117   |
| %RSD   | 18.200 | .76268 | .17799 | 1.4408 | .04900 | .04373 | .16700 | .95919 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | -.00050 | 32.612 | .04918 | .01475 | .26891 | 50.960 | .61740 | 12.293 |
| #2 | -.00065 | 32.262 | .04906 | .01445 | .26910 | 50.928 | .61594 | 12.127 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .06798 | .00317 | .47190 | .07448 | .20141 | 2.2912 | .00109 | .03519 |
| Stddev | .00033 | .00109 | .00028 | .00035 | .00051 | .0396  | .00044 | .00183 |
| %RSD   | .48532 | 34.446 | .05945 | .46914 | .25411 | 1.7261 | 40.088 | 5.1928 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .06821 | -.00394 | .47209 | .07472 | .20177 | 2.3192 | .00140 | .03648 |
| #2 | .06774 | -.00240 | .47170 | .07423 | .20104 | 2.2633 | .00078 | .03390 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | 1.1272 | 1.4099 | .00893 | .47148 | .01656 | .9786  | .08978 |  |
| Stddev | .0059  | .0110  | .00042 | .00325 | .00016 | .0015  | .00030 |  |
| %RSD   | .52547 | .77845 | 4.7120 | .69019 | .99183 | .1552  | .33655 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | 1.1314 | 1.4177 | .00923 | .47378 | .01645 | .9797 | .08999 |  |
| #2 | 1.1231 | 1.4022 | .00863 | .46918 | .01668 | .9775 | .08957 |  |

Sample Name: I2810-01LX5      Acquired: 4/28/2017 12:23:45      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4318.7  | 58690.  | 5278.6  | 75.434 | 3941.1 |
| Stddev    | 1.7     | 22.     | 28.3    | .138   | 9.7    |
| %RSD      | .03835  | .03734  | .53595  | .18322 | .24520 |
| #1        | 4319.9  | 58706.  | 5258.6  | 75.336 | 3934.3 |
| #2        | 4317.6  | 58675.  | 5298.6  | 75.532 | 3948.0 |

Sample Name: I2810-01MS      Acquired: 4/28/2017 12:27:50      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .82521 | 2.0059 | 1.7941 | 1.8569 | .74196 | 76.171 | 1.0436 | .19768 | .19950 |
| Stddev | .00255 | .0030  | .0063  | .0080  | .00456 | .097   | .0243  | .00015 | .00123 |
| %RSD   | .30855 | .14749 | .35196 | .43177 | .61432 | .12770 | 2.3240 | .07810 | .61744 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .82701 | 2.0080 | 1.7986 | 1.8626 | .73874 | 76.240 | 1.0608 | .19779 | .19862 |
| #2 | .82341 | 2.0038 | 1.7896 | 1.8513 | .74519 | 76.102 | 1.0265 | .19757 | .20037 |

|        |        |        |        |        |         |        |        |        |        |
|--------|--------|--------|--------|--------|---------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404  | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    |
| Avg    | 148.04 | .59759 | .28225 | 1.4390 | .252.31 | 2.8987 | 57.830 | .84773 | .05799 |
| Stddev | 3.02   | .00102 | .00036 | .0027  | 9.83    | .0004  | 1.067  | .00146 | .00117 |
| %RSD   | 2.0399 | .17078 | .12785 | .18757 | 3.8947  | .01569 | 1.8452 | .17234 | 2.0141 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 150.18 | .59687 | .28200 | 1.4409 | 259.26 | 2.8984 | 58.585 | .84876 | .05882 |
| #2 | 145.91 | .59831 | .28251 | 1.4371 | 245.36 | 2.8991 | 57.076 | .84669 | .05717 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 5.4431 | .62333 | 1.1699 | 21.140 | .39855 | .48352 | 5.4833 | 9.4904 | .74816 |
| Stddev | .1119  | .00012 | .0477  | .340   | .00103 | .02178 | .0083  | .1599  | .00226 |
| %RSD   | 2.0554 | .01875 | 4.0789 | 1.6070 | .25759 | 4.5043 | .15231 | 1.6847 | .30268 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 5.5222 | .62324 | 1.2036 | 21.381 | .39928 | .49892 | 5.4892 | 9.6034 | .74656 |
| #2 | 5.3640 | .62341 | 1.1361 | 20.900 | .39783 | .46812 | 5.4774 | 9.3773 | .74976 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.4377 | .29837 | 10.65  | 60727  |
| Stddev | .0618  | .00466 | .00    | .01274 |
| %RSD   | 2.5347 | 1.5615 | .0345  | 2.0985 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 2.4814 | .30166 | 10.65 | .61628 |
| #2 | 2.3940 | .29508 | 10.65 | .59826 |

Sample Name: I2810-01MS      Acquired: 4/28/2017 12:27:50      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4544.1  | 52221.  | 5600.5  | 73.422 | 3758.2 |
| Stddev    | 5.2     | 240.    | 120.9   | 2.899  | 6.3    |
| %RSD      | .11388  | .38522  | 2.1580  | 3.9486 | .16802 |
| #1        | 4547.8  | 62052.  | 5515.0  | 71.372 | 3762.6 |
| #2        | 4540.4  | 62391.  | 5685.9  | 75.472 | 3753.7 |

Sample Name: I2810-01MSD      Acquired: 4/28/2017 12:31:39      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .81693 | 1.9851 | 1.7731 | 1.8324 | .73668 | 75.860 | 1.0159 | .19828 | .19935 |
| Stddev | .00272 | .0035  | .0003  | .0030  | .00157 | .327   | .0189  | .00023 | .00098 |
| %RSD   | .33251 | .17537 | .01824 | .16242 | .21324 | .43075 | 1.8584 | .11812 | .49375 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .81501 | 1.9827 | 1.7729 | 1.8303 | .73557 | 76.091 | 1.0292 | .19845 | .19865 |
| #2 | .81885 | 1.9876 | 1.7734 | 1.8345 | .73779 | 75.629 | 1.0025 | .19812 | .20004 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 143.68 | .59773 | .27961 | 1.4251 | 240.26 | 2.9096 | 55.957 | .83926 | .05667 |
| Stddev | 2.74   | .00070 | .00087 | .0072  | 6.21   | .0030  | .959   | .00262 | .00050 |
| %RSD   | 1.9050 | .11648 | .31064 | .50627 | 2.5834 | .10370 | 1.7130 | .31232 | .87529 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 145.62 | .59822 | .27899 | 1.4200 | 244.65 | 2.9118 | 56.635 | .83741 | .05702 |
| #2 | 141.75 | .59724 | .28022 | 1.4302 | 235.87 | 2.9075 | 55.279 | .84112 | .05632 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 5.2953 | .62384 | 1.1182 | 20.678 | .39684 | .45674 | 5.4330 | 9.2081 | .74294 |
| Stddev | .0891  | .00056 | .0301  | .318   | .00162 | .00721 | .0081  | .1428  | .00599 |
| %RSD   | 1.6833 | .08984 | 2.6925 | 1.5393 | .40712 | 1.5788 | .14907 | 1.5511 | .80665 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 5.3583 | .62423 | 1.1395 | 20.903 | .39570 | .46184 | 5.4272 | 9.3091 | .73870 |
| #2 | 5.2322 | .62344 | 1.0969 | 20.453 | .39798 | .45164 | 5.4387 | 9.1071 | .74718 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.3700 | .29118 | 10.57  | 59152  |
| Stddev | .0532  | .00544 | .03    | .01180 |
| %RSD   | 2.2469 | 1.8696 | .3160  | 1.9943 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 2.4076 | .29503 | 10.54 | .59986 |
| #2 | 2.3323 | .28733 | 10.59 | .58318 |



Sample Name: I2810-01MSD      Acquired: 4/28/2017 12:31:39      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4568.1  | 52139.  | 5738.0  | 76.523 | 3784.0 |
| Stddev    | 25.6    | 347.    | 110.6   | 1.950  | 16.9   |
| %RSD      | .55959  | .55850  | 1.9280  | 2.5482 | .44590 |
| #1        | 4586.2  | 61894.  | 5659.7  | 75.144 | 3795.9 |
| #2        | 4550.0  | 62384.  | 5816.2  | 77.901 | 3772.1 |

Sample Name: I2810-01A      Acquired: 4/28/2017 12:35:29      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .82346 | 2.0011 | 1.7792 | 1.8540 | .73460 | 75.971 | 1.0216 | .19881 | .20045 |
| Stddev | .00504 | .0067  | .0071  | .0161  | .00208 | .234   | .0021  | .00020 | .00121 |
| %RSD   | .61229 | .33547 | .40110 | .86680 | .28355 | .30841 | .20873 | .09889 | .60135 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .82703 | 2.0059 | 1.7842 | 1.8654 | .73607 | 75.805 | 1.0231 | .19867 | .20131 |
| #2 | .81990 | 1.9964 | 1.7741 | 1.8426 | .73313 | 76.137 | 1.0201 | .19895 | .19960 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 143.87 | .59697 | .28126 | 1.4364 | 240.14 | 2.9005 | 56.084 | .84720 | .05590 |
| Stddev | .07    | .00149 | .00131 | .0014  | 2.96   | .0009  | .070   | .00338 | .00115 |
| %RSD   | .04644 | .25010 | .46695 | .09950 | 1.2331 | .03176 | .12515 | .39941 | 2.0586 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 143.92 | .59592 | .28219 | 1.4374 | 238.05 | 2.9011 | 56.035 | .84959 | .05671 |
| #2 | 143.83 | .59803 | .28033 | 1.4354 | 242.23 | 2.8998 | 56.134 | .84480 | .05508 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 5.3218 | .62520 | 1.1155 | 20.741 | .39422 | .44267 | 5.4601 | 9.7982 | .73601 |
| Stddev | .0008  | .00013 | .0099  | .044   | .00008 | .00084 | .0272  | .0060  | .00615 |
| %RSD   | .01514 | .02046 | .88959 | .21194 | .01924 | .18893 | .49867 | .06084 | .83534 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 5.3223 | .62511 | 1.1085 | 20.772 | .39428 | .44208 | 5.4794 | 9.8025 | .74035 |
| #2 | 5.3212 | .62529 | 1.1225 | 20.710 | .39417 | .44327 | 5.4408 | 9.7940 | .73166 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.3924 | .29227 | 10.65  | .59289 |
| Stddev | .0017  | .00061 | .05    | .00007 |
| %RSD   | .07180 | .20817 | .4361  | .01232 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 2.3912 | .29270 | 10.68 | .59294 |
| #2 | 2.3936 | .29184 | 10.62 | .59283 |

Sample Name: I2810-01A      Acquired: 4/28/2017 12:35:29      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4547.7  | 32024.  | 5721.1  | 76.744 | 3773.0 |
| Stddev    | 7.7     | 81.     | 25.5    | .656   | 17.5   |
| %RSD      | .16861  | .13006  | .44632  | .85445 | .46494 |
| #1        | 4542.3  | 61967.  | 5703.1  | 77.207 | 3760.6 |
| #2        | 4553.1  | 62081.  | 5739.2  | 76.280 | 3785.4 |

Sample Name: I2886-01      Acquired: 4/28/2017 12:39:20      Type: Unk  
 Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |        |         |        |         |         |        |        |        |
|--------|--------|---------|--------|---------|---------|--------|--------|--------|
| Elem   | As1890 | Tl1908  | Pb2203 | Se1960  | Sb2068  | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm     | ppm    | ppm     | ppm     | ppm    | ppm    | ppm    |
| Avg    | .00621 | -.00071 | .00082 | -.02378 | -.00456 | .02429 | .20173 | .00002 |
| Stddev | .00169 | .00080  | .00024 | .00016  | .00048  | .00203 | .00141 | .00004 |
| %RSD   | 27.273 | 113.67  | 29.285 | .68716  | 10.459  | 8.3412 | .69758 | 228.54 |

|    |        |         |        |         |         |        |        |         |
|----|--------|---------|--------|---------|---------|--------|--------|---------|
| #1 | .00501 | -.00127 | .00065 | -.02366 | -.00423 | .02286 | .20074 | -.00001 |
| #2 | .00740 | -.00014 | .00099 | -.02389 | -.00490 | .02573 | .20273 | .00005  |

|        |        |        |        |         |        |        |        |        |
|--------|--------|--------|--------|---------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286  | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00005 | 249.67 | .01923 | -.00046 | .00115 | .06304 | .00268 | 33.510 |
| Stddev | .00012 | 1.61   | .00009 | .00012  | .00048 | .01279 | .00004 | .733   |
| %RSD   | 257.22 | .64339 | .48848 | 26.753  | 41.446 | 20.290 | 1.6360 | .78361 |

|    |         |        |        |         |        |        |        |        |
|----|---------|--------|--------|---------|--------|--------|--------|--------|
| #1 | -.00013 | 248.53 | .01930 | -.00055 | .00148 | .07208 | .00271 | 92.992 |
| #2 | .00004  | 250.80 | .01916 | -.00038 | .00081 | .05399 | .00265 | 94.028 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01058 | .00000 | 762.31 | .00166 | .02437 | 33.730 | .00488 | .14145 |
| Stddev | .00038 | .0003  | 3.43   | .00014 | .00096 | .155   | .00033 | .01130 |
| %RSD   | 3.6374 | 18949. | .44978 | 8.5666 | 3.9209 | .46045 | 6.8588 | 7.9893 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .01031 | .00020  | 759.88 | .00155 | .02504 | 33.620 | .00464 | .13346 |
| #2 | .01086 | -.00020 | 764.73 | .00176 | .02369 | 33.840 | .00511 | .14945 |

|        |        |        |        |         |        |        |        |  |
|--------|--------|--------|--------|---------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361  | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    |  |
| Avg    | 54.197 | 15.261 | .00023 | -.00236 | .05778 | .0365  | 1.7538 |  |
| Stddev | .124   | .058   | .00037 | .00199  | .00056 | .0011  | .0071  |  |
| %RSD   | .22866 | .37867 | 162.55 | 84.359  | .97757 | 2.893  | .40408 |  |

|    |        |        |         |         |        |       |        |  |
|----|--------|--------|---------|---------|--------|-------|--------|--|
| #1 | 54.109 | 15.220 | -.00003 | -.00095 | .05738 | .0357 | 1.7487 |  |
| #2 | 54.284 | 15.302 | .00049  | -.00377 | .05818 | .0372 | 1.7588 |  |

Sample Name: I2886-01      Acquired: 4/28/2017 12:39:20      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 3930.0  | 52924.  | 5074.4  | 72.024 | 3579.6 |
| Stddev    | 7.3     | 34.     | 38.8    | 2.701  | 10.3   |
| %RSD      | .18667  | .06394  | .76517  | 3.7501 | .28654 |
|           |         |         |         |        |        |
| #1        | 3935.2  | 52948.  | 5101.8  | 70.114 | 3586.9 |
| #2        | 3924.8  | 52900.  | 5046.9  | 73.934 | 3572.4 |

Sample Name: PB98541BL      Acquired: 4/28/2017 12:43:37      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |         |        |         |         |         |        |        |
|--------|--------|---------|--------|---------|---------|---------|--------|--------|
| Elem   | As1890 | Tl1908  | Pb2203 | Se1960  | Sb2068  | Al3961  | Ba4934 | Be2348 |
| Units  | ppm    | ppm     | ppm    | ppm     | ppm     | ppm     | ppm    | ppm    |
| Avg    | .00089 | -.00171 | .00020 | -.00290 | -.00092 | -.00304 | .00252 | .00000 |
| Stddev | .00177 | .00165  | .00004 | .00069  | .00133  | .00354  | .00060 | .0001  |
| %RSD   | 197.69 | 96.901  | 21.840 | 23.916  | 145.51  | 116.38  | 24.005 | 2365.0 |

|    |         |         |        |         |         |         |        |         |
|----|---------|---------|--------|---------|---------|---------|--------|---------|
| #1 | -.00036 | -.00288 | .00017 | -.00241 | -.00186 | -.00054 | .00209 | -.00003 |
| #2 | .00214  | -.00054 | .00023 | -.00339 | .00003  | -.00554 | .00294 | .00003  |

|        |        |        |         |         |        |        |        |         |
|--------|--------|--------|---------|---------|--------|--------|--------|---------|
| Elem   | Cd2265 | Ca3736 | Cr2677  | Co2286  | Cu2247 | Fe2404 | Mn2576 | Mg2790  |
| Units  | ppm    | ppm    | ppm     | ppm     | ppm    | ppm    | ppm    | ppm     |
| Avg    | .00001 | .00920 | -.00029 | -.00020 | .00215 | .01140 | .00021 | -.01622 |
| Stddev | .00007 | .01039 | .00002  | .00020  | .00033 | .02468 | .00002 | .02115  |
| %RSD   | 518.52 | 112.89 | 8.0401  | 97.192  | 15.408 | 216.47 | 7.3314 | 130.40  |

|    |         |        |         |         |        |         |        |         |
|----|---------|--------|---------|---------|--------|---------|--------|---------|
| #1 | .00004  | .00186 | -.00031 | -.00034 | .00191 | -.00605 | .00022 | -.03117 |
| #2 | -.00006 | .01655 | -.00027 | -.00006 | .00238 | .02886  | .00020 | -.00126 |

|        |        |        |        |         |        |        |        |        |
|--------|--------|--------|--------|---------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924  | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00070 | .00027 | .25822 | -.00017 | .00070 | .10572 | .00031 | .00872 |
| Stddev | .00067 | .00008 | .00128 | .00013  | .00032 | .04995 | .00003 | .00698 |
| %RSD   | 96.560 | 27.631 | .49749 | 78.457  | 46.662 | 47.253 | 9.9424 | 80.109 |

|    |        |        |        |         |        |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|--------|
| #1 | .00022 | .00022 | .25913 | -.00007 | .00092 | .14104 | .00028 | .01365 |
| #2 | .00117 | .00033 | .25731 | -.00026 | .00047 | .07039 | .00033 | .00378 |

|        |        |         |         |        |        |        |        |
|--------|--------|---------|---------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881  | Sn1899  | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm     | ppm     | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00118 | -.00607 | -.00031 | .00379 | .00235 | .0003  | .00002 |
| Stddev | .00148 | .00111  | .00036  | .00299 | .00028 | .0002  | .00004 |
| %RSD   | 125.82 | 18.375  | 114.62  | 78.829 | 11.932 | 91.42  | 176.68 |

|    |        |         |         |        |        |       |         |
|----|--------|---------|---------|--------|--------|-------|---------|
| #1 | .00222 | -.00528 | -.00006 | .00168 | .00215 | .0004 | .00005  |
| #2 | .00013 | -.00686 | -.00056 | .00590 | .00254 | .0001 | -.00001 |

Sample Name: PB98541BL      Acquired: 4/28/2017 12:43:37      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4303.1  | 58325.  | 5148.2  | 77.120 | 3996.5 |
| Stddev    | 13.4    | 264.    | 14.6    | 1.115  | 9.1    |
| %RSD      | .31035  | .45292  | .28413  | 1.4462 | .22879 |
| #1        | 4293.6  | 58138.  | 5158.6  | 76.332 | 3990.1 |
| #2        | 4312.5  | 58512.  | 5137.9  | 77.909 | 4003.0 |

Sample Name: PB98541BS      Acquired: 4/28/2017 12:47:46      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .75907 | 1.9184 | .97040 | 1.7233 | .74692 | 1.9857 | .22372 |
| Stddev | .00139 | .0103  | .00642 | .0013  | .00016 | .0213  | .00042 |
| %RSD   | .18297 | .53619 | .66115 | .07418 | .02097 | 1.0735 | .18588 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .75809 | 1.9111 | .96586 | 1.7224 | .74681 | 2.0008 | .22342 |
| #2 | .76005 | 1.9257 | .97493 | 1.7242 | .74703 | 1.9706 | .22401 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .19366 | .19711 | 1.1073 | .41970 | .20728 | .32324 | 3.1275 |
| Stddev | .00087 | .00110 | .0114  | .00195 | .00110 | .00093 | .0207  |
| %RSD   | .44737 | .55883 | 1.0294 | .46379 | .53025 | .28650 | .66056 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .19427 | .19633 | 1.1154 | .41833 | .20650 | .32259 | 3.1421 |
| #2 | .19305 | .19789 | 1.0993 | .42108 | .20806 | .32390 | 3.1129 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .22088 | 2.1257 | .51543 | .07026 | 3.2587 | .31671 | .20320 |
| Stddev | .00070 | .0129  | .00341 | .00000 | .0185  | .00116 | .00055 |
| %RSD   | .31557 | .60503 | .66073 | .00064 | .56634 | .36610 | .27267 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .22137 | 2.1348 | .51302 | .07026 | 3.2457 | .31753 | .20360 |
| #2 | .22039 | 2.1167 | .51784 | .07026 | 3.2718 | .31589 | .20281 |

|        |        |        |        |          |        |        |        |
|--------|--------|--------|--------|----------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820   | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm      | ppm    | ppm    | ppm    |
| Avg    | 10.678 | .42890 | .33047 | F .00116 | .88122 | .68867 | .21328 |
| Stddev | .017   | .00099 | .00287 | .00191   | .00507 | .00500 | .00108 |
| %RSD   | .16125 | .23050 | .86699 | 163.64   | .57523 | .72537 | .50522 |

|    |        |        |        |         |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|
| #1 | 10.666 | .42820 | .32845 | -.00251 | .87764 | .68514 | .21252 |
| #2 | 10.691 | .42960 | .33250 | .00018  | .88480 | .69221 | .21404 |



Sample Name: PB98541BS      Acquired: 4/28/2017 12:47:46      Type: Unk  
 Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |         |         |        |
|--------|---------|---------|--------|
| Elem   | Li6707  | P_1774  | Sr4077 |
| Units  | ppm     | ppm     | ppm    |
| Avg    | F.03541 | F.5.404 | .21200 |
| Stddev | .00007  | .033    | .00013 |
| %RSD   | .19882  | .6009   | .06311 |

|    |        |       |        |
|----|--------|-------|--------|
| #1 | .03546 | 5.381 | .21209 |
| #2 | .03536 | 5.427 | .21190 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4345.2  | 59448.  | 5189.3  | 76.630 | 4105.0 |
| Stddev    | 1.0     | 466.    | 1.8     | .389   | 10.8   |
| %RSD      | .02241  | .78446  | .03524  | .50752 | .26262 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 4345.9 | 59118. | 5188.0 | 76.355 | 4112.6 |
| #2 | 4344.5 | 59778. | 5190.6 | 76.905 | 4097.4 |

Sample Name: I2860-03      Acquired: 4/28/2017 12:51:43      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |         |        |         |         |        |        |        |
|--------|--------|---------|--------|---------|---------|--------|--------|--------|
| Elem   | As1890 | Tl1908  | Pb2203 | Se1960  | Sb2068  | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm     | ppm    | ppm     | ppm     | ppm    | ppm    | ppm    |
| Avg    | .18453 | -.00177 | .81152 | -.00347 | -.00311 | .38499 | .44486 | .00023 |
| Stddev | .00188 | .00050  | .00184 | .00022  | .00130  | .02363 | .00076 | .00006 |
| %RSD   | 1.0171 | 28.290  | .22641 | 6.4502  | 41.599  | 6.1368 | .17020 | 27.357 |

|    |        |         |        |         |         |        |        |        |
|----|--------|---------|--------|---------|---------|--------|--------|--------|
| #1 | .18320 | -.00213 | .81282 | -.00331 | -.00403 | .36828 | .44540 | .00027 |
| #2 | .18586 | -.00142 | .81022 | -.00363 | -.00220 | .40169 | .44433 | .00019 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01175 | 160.51 | .04245 | .00136 | .08425 | .71808 | .31407 | 20.120 |
| Stddev | .00002 | .40    | .00055 | .00034 | .00055 | .02637 | .00199 | .000   |
| %RSD   | .16846 | .25028 | 1.2966 | 24.755 | .65636 | 3.6725 | .63429 | .00029 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .01177 | 160.79 | .04284 | .00160 | .08464 | .69943 | .31547 | 20.120 |
| #2 | .01174 | 160.22 | .04206 | .00112 | .08385 | .73673 | .31266 | 20.120 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01095 | .00010 | 7.4647 | .00473 | .13253 | 5.4168 | .00355 | .05066 |
| Stddev | .00046 | .00064 | .0021  | .00009 | .00271 | .0467  | .00024 | .00930 |
| %RSD   | 4.2370 | 610.73 | .02766 | 1.8313 | 2.0484 | .86267 | 6.8252 | 18.355 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .01127 | .00055  | 7.4633 | .00479 | .13061 | 5.4499 | .00337 | .04408 |
| #2 | .01062 | -.00035 | 7.4662 | .00467 | .13445 | 5.3838 | .00372 | .05723 |

|        |        |        |         |        |        |        |        |  |
|--------|--------|--------|---------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899  | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | 22.448 | 20.754 | -.00123 | .01349 | .00455 | .3447  | .53523 |  |
| Stddev | .086   | .063   | .00017  | .00160 | .00240 | .0003  | .00128 |  |
| %RSD   | .38148 | .30475 | 14.055  | 11.825 | 52.746 | .0906  | .23929 |  |

|    |        |        |         |        |        |       |        |  |
|----|--------|--------|---------|--------|--------|-------|--------|--|
| #1 | 22.509 | 20.709 | -.00110 | .01236 | .00285 | .3449 | .53614 |  |
| #2 | 22.387 | 20.798 | -.00135 | .01462 | .00625 | .3445 | .53433 |  |

Sample Name: I2860-03      Acquired: 4/28/2017 12:51:43      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4400.3  | 30427.  | 5531.1  | 79.340 | 4185.0 |
| Stddev    | 4.9     | 260.    | .7      | 1.771  | 6.6    |
| %RSD      | .11122  | .42968  | .01200  | 2.2322 | .15717 |
| #1        | 4396.8  | 60244.  | 5531.6  | 80.592 | 4180.3 |
| #2        | 4403.7  | 60611.  | 5530.7  | 78.088 | 4189.6 |

Sample Name: CCV02      Acquired: 4/28/2017 12:55:50      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.9057 | 4.7910 | 4.7856 | 4.9583 | 4.8698 | 3.4835 | 3.9996 | 2.4866 | 2.4249 |
| Stddev | .0009  | .0081  | .0026  | .0111  | .0017  | .0058  | .0344  | .00119 | .0015  |
| %RSD   | .01826 | .16827 | .05488 | .22467 | .03397 | .06141 | .34419 | .47756 | .06215 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 4.9051 | 4.7967 | 4.7838 | 4.9504 | 4.8710 | 9.4876 | 10.024 | .24782 | 2.4260 |
| #2 | 4.9063 | 4.7853 | 4.7875 | 4.9662 | 4.8687 | 9.4793 | 9.9752 | .24950 | 2.4239 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 24.584 | .97057 | 2.4086 | 1.2271 | 4.7038 | 2.5148 | 24.546 | 2.4228 | 1.2033 |
| Stddev | .093   | .00367 | .0027  | .0019  | .0079  | .0044  | .007   | .0011  | .0034  |
| %RSD   | .37834 | .37827 | .11122 | .15642 | .16780 | .17554 | .02852 | .04448 | .27904 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 24.650 | .96797 | 2.4105 | 1.2257 | 4.7093 | 2.5117 | 24.541 | 2.4221 | 1.2010 |
| #2 | 24.518 | .97317 | 2.4067 | 1.2285 | 4.6982 | 2.5179 | 24.550 | 2.4236 | 1.2057 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 24.163 | 2.4525 | 2.4159 | 24.900 | 4.9273 | 4.7924 | 4.8521 | 4.8881 | 4.8256 |
| Stddev | .156   | .0022  | .0126  | .088   | .0051  | .0332  | .0151  | .0204  | .0171  |
| %RSD   | .64573 | .08955 | .52003 | .35349 | .10409 | .69220 | .31063 | .41628 | .35376 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 24.273 | 2.4540 | 2.4248 | 24.962 | 4.9237 | 4.8158 | 4.8628 | 4.9025 | 4.8376 |
| #2 | 24.052 | 2.4509 | 2.4070 | 24.837 | 4.9309 | 4.7689 | 4.8415 | 4.8737 | 4.8135 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.8772 | 5.0068 | 4.988  | 4.9145 |
| Stddev | .0042  | .0056  | .003   | .0301  |
| %RSD   | .08637 | .11085 | .0640  | .61217 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 4.8801 | 5.0107 | 4.986 | 4.9358 |
| #2 | 4.8742 | 5.0029 | 4.990 | 4.8932 |

Sample Name: CCV02      Acquired: 4/28/2017 12:55:50      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4217.1  | 56979.  | 5131.9  | 74.818 | 3822.0 |
| Stddev    | .0      | 82.     | 35.3    | .434   | 4.1    |
| %RSD      | .00041  | .14389  | .68839  | .57999 | .10808 |
| #1        | 4217.1  | 57037.  | 5106.9  | 74.511 | 3819.1 |
| #2        | 4217.1  | 56921.  | 5156.9  | 75.124 | 3824.9 |

Sample Name: CCB02      Acquired: 4/28/2017 13:35:29      Type: Unk

Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000

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

Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00032 | .00094 | .00087 | .00242 | .00106 | .00331 | .00245 | .00002 |
| Stddev | .00110 | .00104 | .00053 | .00133 | .00119 | .01579 | .00028 | .00003 |
| %RSD   | 340.85 | 111.48 | 61.343 | 54.953 | 113.01 | 476.91 | 11.245 | 136.23 |

|    |         |         |        |        |        |         |        |         |
|----|---------|---------|--------|--------|--------|---------|--------|---------|
| #1 | .00110  | -.00167 | .00049 | .00337 | .00021 | -.00785 | .00265 | .00000  |
| #2 | -.00045 | -.00020 | .00125 | .00148 | .00190 | .01447  | .00226 | -.00004 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00000 | .01426 | .00023 | .00006 | .00098 | .00790 | .00008 | .01104 |
| Stddev | .0001  | .00791 | .00039 | .00011 | .00055 | .02852 | .00003 | .02113 |
| %RSD   | 2236.9 | 55.446 | 172.80 | 169.29 | 55.871 | 361.12 | 34.324 | 191.47 |

|    |         |        |         |         |        |         |        |         |
|----|---------|--------|---------|---------|--------|---------|--------|---------|
| #1 | .00005  | .01986 | -.00050 | .00001  | .00137 | -.02807 | .00006 | .02598  |
| #2 | -.00006 | .00867 | .00005  | -.00014 | .00059 | .01227  | .00010 | -.00391 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00035 | .00051 | .02670 | .00013 | .00009 | .04398 | .00043 | .00740 |
| Stddev | .00012 | .00006 | .00331 | .00002 | .00013 | .00595 | .00002 | .01549 |
| %RSD   | 35.962 | 12.663 | 12.381 | 19.103 | 142.70 | 13.531 | 3.6390 | 209.23 |

|    |        |        |         |        |        |        |        |         |
|----|--------|--------|---------|--------|--------|--------|--------|---------|
| #1 | .00043 | .00047 | -.02436 | .00011 | .00019 | .04819 | .00044 | .01835  |
| #2 | .00026 | .00056 | -.02904 | .00014 | .00000 | .03978 | .00042 | -.00355 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .00306 | .00566 | .00064 | .00304 | .00275 | .0003  | .00002 |  |
| Stddev | .00003 | .00202 | .00029 | .00031 | .00089 | .0006  | .00019 |  |
| %RSD   | .99994 | 35.631 | 45.275 | 10.365 | 32.334 | 183.6  | 892.70 |  |

|    |        |         |         |        |         |        |         |  |
|----|--------|---------|---------|--------|---------|--------|---------|--|
| #1 | .00309 | -.00423 | -.00085 | .00326 | -.00338 | -.0007 | -.00011 |  |
| #2 | .00304 | -.00708 | -.00044 | .00281 | -.00212 | .0001  | .00016  |  |

Sample Name: CCB02      Acquired: 4/28/2017 13:35:29      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4367.6  | 59538.  | 5246.3  | 76.350 | 4061.2 |
| Stddev    | 7.2     | 288.    | 21.8    | 1.659  | 6.7    |
| %RSD      | .16570  | .48313  | .41537  | 2.1722 | .16467 |
| #1        | 4362.5  | 59742.  | 5230.9  | 75.177 | 4056.5 |
| #2        | 4372.7  | 59335.  | 5261.7  | 77.523 | 4065.9 |

Sample Name: I2860-03DUP      Acquired: 4/28/2017 13:39:36      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .18353 | .00273 | .80650 | .00527 | .00365 | .40848 | .43799 | .00017 |
| Stddev | .00148 | .00034 | .00197 | .00190 | .00173 | .02219 | .01023 | .00002 |
| %RSD   | .80773 | 12.577 | .24395 | 36.112 | 47.349 | 5.4334 | 2.3358 | 12.965 |

|    |        |         |        |         |         |        |        |        |
|----|--------|---------|--------|---------|---------|--------|--------|--------|
| #1 | .18458 | -.00249 | .80789 | -.00392 | -.00487 | .42418 | .43075 | .00016 |
| #2 | .18248 | -.00297 | .80510 | -.00662 | -.00243 | .39279 | .44522 | .00019 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01168 | 158.13 | .04220 | .00125 | .08338 | .67517 | .31303 | 19.815 |
| Stddev | .00013 | 4.31   | .00024 | .00003 | .00019 | .02018 | .00031 | .524   |
| %RSD   | 1.0756 | 2.7256 | .55863 | 2.4506 | .22194 | 2.9888 | .09981 | 2.6432 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .01176 | 155.08 | .04236 | .00127 | .08325 | .68944 | .31325 | 19.444 |
| #2 | .01159 | 161.18 | .04203 | .00123 | .08351 | .66091 | .31281 | 20.185 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01058 | .00059 | 7.3703 | .00516 | .12578 | 5.3327 | .00336 | .06569 |
| Stddev | .00020 | .00049 | .1610  | .00002 | .00101 | .1428  | .00002 | .00297 |
| %RSD   | 1.9023 | 83.602 | 2.1849 | .46892 | .80424 | 2.6780 | .62253 | 4.5253 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .01044 | .00093 | 7.2564 | .00514 | .12507 | 5.2317 | .00334 | .06359 |
| #2 | .01072 | .00024 | 7.4842 | .00517 | .12650 | 5.4336 | .00337 | .06779 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 22.275 | 20.320 | .00013 | .01694 | .00431 | .3442  | .52840 |
| Stddev | .081   | .312   | .00139 | .00148 | .00007 | .0001  | .01336 |
| %RSD   | .36369 | 1.5372 | 1031.3 | 8.7270 | 1.5470 | .0235  | 2.5291 |

|    |        |        |         |        |        |       |        |
|----|--------|--------|---------|--------|--------|-------|--------|
| #1 | 22.332 | 20.099 | .00085  | .01590 | .00436 | .3441 | .51895 |
| #2 | 22.218 | 20.541 | -.00112 | .01799 | .00427 | .3442 | .53785 |



Sample Name: I2860-03DUP      Acquired: 4/28/2017 13:39:36      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4375.5  | 30067.  | 5578.5  | 34.215 | 4179.6 |
| Stddev    | 3.5     | 7.      | 84.3    | .775   | 5.0    |
| %RSD      | .08004  | .01111  | 1.5110  | .92046 | .11963 |
| #1        | 4373.1  | 60062.  | 5638.1  | 84.763 | 4176.0 |
| #2        | 4378.0  | 60071.  | 5518.9  | 83.667 | 4183.1 |

Sample Name: I2860-03LX5      Acquired: 4/28/2017 13:43:43      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .03996 | .00074 | .17700 | .00230 | .00326 | .11380 | .09483 | .00006 |
| Stddev | .00040 | .00077 | .00497 | .00072 | .00134 | .00032 | .00024 | .00006 |
| %RSD   | 1.0111 | 104.21 | 2.8099 | 31.165 | 41.022 | .27778 | .25311 | 110.37 |

|    |        |         |        |        |         |        |        |        |
|----|--------|---------|--------|--------|---------|--------|--------|--------|
| #1 | .04025 | -.00129 | .17349 | .00180 | -.00421 | .11402 | .09500 | .00001 |
| #2 | .03968 | -.00020 | .18052 | .00281 | -.00232 | .11357 | .09466 | .00010 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00253 | 34.185 | .00838 | .00014 | .01791 | .13479 | .06701 | 4.3023 |
| Stddev | .00021 | .001   | .00028 | .00023 | .00109 | .01204 | .00009 | .0170  |
| %RSD   | 8.2617 | .00389 | 3.3060 | 167.12 | 6.0958 | 8.9336 | .13274 | .39627 |

|    |        |        |        |         |        |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|--------|
| #1 | .00239 | 34.184 | .00857 | .00030  | .01714 | .12628 | .06694 | 4.2903 |
| #2 | .00268 | 34.186 | .00818 | -.00003 | .01868 | .14331 | .06707 | 4.3144 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00281 | .00043 | 1.5324 | .00110 | .02735 | 1.1288 | .00083 | .01022 |
| Stddev | .00037 | .00053 | .0015  | .00000 | .00017 | .0184  | .00036 | .02169 |
| %RSD   | 13.040 | 124.55 | .09961 | .01433 | .61647 | 1.6277 | 43.974 | 212.18 |

|    |        |        |        |        |        |        |        |         |
|----|--------|--------|--------|--------|--------|--------|--------|---------|
| #1 | .00255 | .00080 | 1.5313 | .00110 | .02747 | 1.1158 | .00057 | .02556  |
| #2 | .00307 | .00005 | 1.5335 | .00110 | .02723 | 1.1417 | .00109 | -.00512 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | 4.8876 | 4.3549 | .00040 | .00714 | .00141 | .0756  | .11239 |  |
| Stddev | .1166  | .0003  | .00027 | .00343 | .00132 | .0020  | .00014 |  |
| %RSD   | 2.3850 | .00666 | 66.918 | 48.030 | 93.744 | 2.643  | .12359 |  |

|    |        |        |         |        |        |       |        |  |
|----|--------|--------|---------|--------|--------|-------|--------|--|
| #1 | 4.8052 | 4.3551 | -.00060 | .00956 | .00234 | .0742 | .11249 |  |
| #2 | 4.9700 | 4.3547 | -.00021 | .00471 | .00047 | .0771 | .11229 |  |

Sample Name: I2860-03LX5      Acquired: 4/28/2017 13:43:43      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4208.6  | 58244.  | 5222.8  | 76.645 | 3947.7 |
| Stddev    | 86.8    | 80.     | 6.1     | .939   | 80.1   |
| %RSD      | 2.0628  | .13737  | .11625  | 1.2245 | 2.0300 |
| #1        | 4270.0  | 58300.  | 5218.5  | 75.982 | 4004.4 |
| #2        | 4147.2  | 58187.  | 5227.1  | 77.309 | 3891.0 |

Sample Name: I2860-03MS      Acquired: 4/28/2017 13:47:51      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.0201 | 1.9237 | 1.7714 | 1.9946 | .82186 | 2.4956 | .66551 | .21080 | .20231 |
| Stddev | .0061  | .0104  | .0082  | .0034  | .00840 | .0058  | .00415 | .00028 | .00087 |
| %RSD   | .60095 | .54112 | .46306 | .17267 | 1.0218 | .23223 | .62286 | .13344 | .43046 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.0244 | 1.9311 | 1.7772 | 1.9922 | .82779 | 2.4997 | .66845 | .21100 | .20293 |
| #2 | 1.0158 | 1.9164 | 1.7656 | 1.9971 | .81592 | 2.4915 | .66258 | .21060 | .20170 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 164.37 | .45207 | .20105 | .39988 | 3.6994 | .52939 | 22.386 | .49818 | .07251 |
| Stddev | 1.55   | .00105 | .00012 | .00032 | .0510  | .00149 | .346   | .00142 | .00049 |
| %RSD   | .94313 | .23190 | .05833 | .07986 | 1.3778 | .28088 | 1.5451 | .28505 | .67602 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 165.46 | .45281 | .20113 | .40010 | 3.7354 | .53044 | 22.630 | .49919 | .07285 |
| #2 | 163.27 | .45133 | .20096 | .39965 | 3.6633 | .52834 | 22.141 | .49718 | .07216 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 10.730 | .31905 | .32856 | 16.331 | .43958 | .36611 | 22.715 | 21.845 | .69843 |
| Stddev | .107   | .00117 | .00017 | .138   | .00030 | .00017 | .076   | .187   | .00310 |
| %RSD   | 1.0001 | .36609 | .05194 | .84705 | .06716 | .04616 | .33504 | .85722 | .44426 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 10.806 | .31988 | .32844 | 16.429 | .43937 | .36623 | 22.769 | 21.977 | .70062 |
| #2 | 10.654 | .31822 | .32868 | 16.233 | .43979 | .36599 | 22.662 | 21.712 | .69623 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | .22116 | .21891 | 6.308  | .74996 |
| Stddev | .00373 | .00272 | .026   | .00829 |
| %RSD   | 1.6865 | 1.2432 | .4119  | 1.1052 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .22380 | .22084 | 6.326 | .75583 |
| #2 | .21852 | .21699 | 6.289 | .74410 |

Sample Name: I2860-03MS      Acquired: 4/28/2017 13:47:51      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4248.8  | 58692.  | 5337.2  | 79.452 | 4040.3 |
| Stddev    | 3.0     | 13.     | 43.3    | .019   | 15.3   |
| %RSD      | .07066  | .02267  | .81191  | .02410 | .37901 |
| #1        | 4246.7  | 58701.  | 5306.5  | 79.466 | 4029.5 |
| #2        | 4250.9  | 58683.  | 5367.8  | 79.439 | 4051.2 |

Sample Name: I2860-03MSD      Acquired: 4/28/2017 13:51:46      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .97751 | 1.8558 | 1.6932 | 1.9031 | .78598 | 2.4898 | .66258 | .20849 | .19353 |
| Stddev | .03892 | .0821  | .0744  | .0803  | .03345 | .0519  | .00005 | .00021 | .00855 |
| %RSD   | 3.9815 | 4.4236 | 4.3954 | 4.2214 | 4.2555 | 2.0849 | .00705 | .10235 | 4.4179 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.0050 | 1.9138 | 1.7458 | 1.9599 | .80963 | 2.5265 | .66262 | .20864 | .19958 |
| #2 | .94999 | 1.7978 | 1.6406 | 1.8462 | .76233 | 2.4531 | .66255 | .20833 | .18749 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 163.35 | .44749 | .19201 | .38110 | 3.6391 | .52168 | 22.339 | .47576 | .07170 |
| Stddev | .54    | .00009 | .00945 | .01797 | .0357  | .00145 | .032   | .02093 | .00074 |
| %RSD   | .33146 | .02102 | 4.9194 | 4.7148 | .98128 | .27859 | .14275 | 4.3997 | 1.0335 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 162.97 | .44742 | .19868 | .39380 | 3.6644 | .52066 | 22.362 | .49056 | .07223 |
| #2 | 163.73 | .44756 | .18533 | .36839 | 3.6138 | .52271 | 22.317 | .46096 | .07118 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 10.697 | .31567 | .32284 | 16.169 | .41834 | .38452 | 21.746 | 21.860 | .66574 |
| Stddev | .022   | .00106 | .00258 | .021   | .01776 | .00251 | 1.010  | .177   | .03233 |
| %RSD   | .20562 | .33710 | .79984 | .12886 | 4.2449 | .65368 | 4.6427 | .80976 | 4.8566 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 10.682 | .31492 | .32466 | 16.155 | .43090 | .38274 | 22.460 | 21.735 | .68860 |
| #2 | 10.713 | .31642 | .32101 | 16.184 | .40578 | .38629 | 21.032 | 21.985 | .64288 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | .22492 | .21776 | 3.057  | .74611 |
| Stddev | .00031 | .00175 | .276   | .00044 |
| %RSD   | .13631 | .80342 | 4.548  | .05877 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .22470 | .21652 | 6.252 | .74642 |
| #2 | .22513 | .21899 | 5.862 | .74580 |

Sample Name: I2860-03MSD      Acquired: 4/28/2017 13:51:46      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4416.6  | 59096.  | 5332.1  | 30.148 | 4191.0 |
| Stddev    | 177.6   | 109.    | 37.2    | .157   | 167.2  |
| %RSD      | 4.0213  | .18400  | .69769  | .19642 | 3.9890 |
|           |         |         |         |        |        |
| #1        | 4291.0  | 59019.  | 5358.4  | 80.037 | 4072.7 |
| #2        | 4542.1  | 59173.  | 5305.8  | 80.260 | 4309.2 |

Sample Name: I2860-04      Acquired: 4/28/2017 13:55:42      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |         |        |        |         |
|--------|--------|--------|--------|--------|---------|--------|--------|---------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068  | Al3961 | Ba4934 | Be2348  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm     | ppm    | ppm    | ppm     |
| Avg    | .39917 | .00200 | .08217 | .05041 | -.04723 | .11622 | 1.1235 | -.00048 |
| Stddev | .00634 | .00034 | .00292 | .00010 | .00115  | .00769 | .0001  | .00016  |
| %RSD   | 1.5872 | 17.051 | 3.5505 | .20682 | 2.4383  | 6.6162 | .01197 | 33.100  |

|    |        |        |        |        |         |        |        |         |
|----|--------|--------|--------|--------|---------|--------|--------|---------|
| #1 | .39469 | .00224 | .08011 | .05048 | -.04805 | .12165 | 1.1234 | -.00037 |
| #2 | .40365 | .00176 | .08423 | .05033 | -.04642 | .11078 | 1.1236 | -.00060 |

|        |         |        |        |        |        |        |        |        |
|--------|---------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265  | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | -.00081 | 112.98 | 7.4971 | .13781 | 1.0661 | 158.41 | 2.4168 | 53.481 |
| Stddev | .00087  | .08    | .0495  | .00059 | .0068  | 8.85   | .0133  | .007   |
| %RSD   | 107.09  | .07426 | .65976 | .42857 | .63838 | 5.5840 | .55157 | .01328 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | -.00020 | 112.92 | 7.5321 | .13739 | 1.0612 | 152.15 | 2.4262 | 53.486 |
| #2 | -.00143 | 113.04 | 7.4621 | .13823 | 1.0709 | 164.66 | 2.4073 | 53.476 |

|        |        |         |        |        |        |        |        |        |
|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280  | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 13.834 | -.01160 | 3.5500 | .05868 | .12110 | 4.9873 | .06773 | .30847 |
| Stddev | .083   | .00173  | .0074  | .00000 | .01172 | .0132  | .00052 | .00093 |
| %RSD   | .59745 | 14.944  | .08621 | .00332 | 9.6820 | .26524 | .76984 | .30128 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | 13.776 | -.01282 | 8.5448 | .05868 | .11281 | 4.9966 | .06736 | .30913 |
| #2 | 13.893 | -.01037 | 8.5552 | .05868 | .12939 | 4.9779 | .06809 | .30781 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 19.629 | 27.456 | .00033 | .00413 | .01620 | .2598  | .32961 |
| Stddev | .159   | .068   | .00012 | .00109 | .00135 | .0039  | .00000 |
| %RSD   | .80991 | .24724 | 35.821 | 26.360 | 8.3505 | 1.488  | .00131 |

|    |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|-------|--------|
| #1 | 19.516 | 27.408 | .00025 | .00336 | .01715 | .2571 | .32960 |
| #2 | 19.741 | 27.504 | .00042 | .00490 | .01524 | .2626 | .32961 |



Sample Name: I2860-04      Acquired: 4/28/2017 13:55:42      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4065.7  | 57992.  | 5362.7  | 30.398 | 3835.3 |
| Stddev    | 24.1    | 273.    | 8.3     | 4.607  | 18.0   |
| %RSD      | .59248  | .47056  | .15407  | 5.7297 | .46908 |
| #1        | 4082.7  | 57799.  | 5368.5  | 83.655 | 3848.0 |
| #2        | 4048.7  | 58185.  | 5356.9  | 77.140 | 3822.6 |

Sample Name: I2860-05      Acquired: 4/28/2017 13:59:42      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01424 | .00195 | .00066 | .00122 | .00296 | .04276 | .15098 | .00002 |
| Stddev | .00133 | .00014 | .00071 | .00157 | .00101 | .01031 | .01608 | .00005 |
| %RSD   | 9.3475 | 6.9652 | 108.44 | 129.36 | 34.025 | 24.115 | 10.649 | 221.26 |

|    |        |         |        |         |         |        |        |         |
|----|--------|---------|--------|---------|---------|--------|--------|---------|
| #1 | .01329 | -.00186 | .00015 | -.00010 | -.00224 | .03547 | .13961 | -.00006 |
| #2 | .01518 | -.00205 | .00116 | -.00233 | -.00367 | .05005 | .16235 | .00001  |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00001 | 55.803 | .01628 | .00026 | .00212 | .28077 | .08032 | 14.664 |
| Stddev | .00010 | 5.767  | .00024 | .00013 | .00039 | .03671 | .00004 | 1.557  |
| %RSD   | 1699.7 | 10.335 | 1.4902 | 50.379 | 18.547 | 13.076 | .05254 | 10.618 |

|    |         |        |        |         |        |        |        |        |
|----|---------|--------|--------|---------|--------|--------|--------|--------|
| #1 | -.00007 | 51.725 | .01645 | -.00017 | .00240 | .25481 | .08029 | 13.563 |
| #2 | .00008  | 59.881 | .01611 | -.00035 | .00184 | .30673 | .08035 | 15.765 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00987 | .00011 | 16.759 | .00035 | .01201 | 3.9642 | .00200 | .15078 |
| Stddev | .00017 | .00083 | 1.757  | .00021 | .00105 | .8946  | .00002 | .01268 |
| %RSD   | 1.7713 | 734.93 | 10.481 | 59.472 | 8.7611 | 9.9795 | .81411 | 8.4067 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .00999 | -.00047 | 15.517 | .00050 | .01127 | 8.3316 | .00199 | .14182 |
| #2 | .00975 | .00070  | 18.001 | .00021 | .01276 | 9.5968 | .00201 | .15975 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | 5.6974 | 4.9880 | .00048 | .00226 | .00803 | .0129  | .38557 |  |
| Stddev | .0727  | .4267  | .00015 | .00222 | .00227 | .0008  | .04001 |  |
| %RSD   | 1.2753 | 8.5537 | 31.914 | 97.886 | 28.247 | 6.083  | 10.378 |  |

|    |        |        |         |        |        |       |        |  |
|----|--------|--------|---------|--------|--------|-------|--------|--|
| #1 | 5.7487 | 4.6863 | -.00037 | .00070 | .00643 | .0135 | .35727 |  |
| #2 | 5.6460 | 5.2897 | -.00058 | .00383 | .00964 | .0124 | .41386 |  |

Sample Name: I2860-05      Acquired: 4/28/2017 13:59:42      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4276.5  | 59590.  | 5784.7  | 35.270 | 4089.0 |
| Stddev    | 51.1    | 118.    | 502.2   | 6.665  | 44.2   |
| %RSD      | 1.1958  | .19817  | 8.6820  | 7.8165 | 1.0803 |
| #1        | 4240.4  | 59506.  | 6139.8  | 89.983 | 4057.7 |
| #2        | 4312.7  | 59673.  | 5429.5  | 80.557 | 4120.2 |

Sample Name: I2860-06      Acquired: 4/28/2017 14:03:48      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.7813 | .00114 | .14674 | .00340 | .00824 | .24657 | .95379 | .00007 |
| Stddev | .1299  | .00146 | .00702 | .00264 | .00134 | .02201 | .00208 | .00001 |
| %RSD   | 4.6719 | 127.51 | 4.7819 | 77.675 | 16.257 | 8.9273 | .21796 | 16.291 |

|    |        |         |        |         |        |        |        |         |
|----|--------|---------|--------|---------|--------|--------|--------|---------|
| #1 | 2.6894 | -.00011 | .14177 | -.00527 | .00919 | .23101 | .95526 | -.00008 |
| #2 | 2.8732 | -.00217 | .15170 | -.00153 | .00730 | .26214 | .95232 | -.00006 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00105 | 210.10 | .09787 | .00169 | .30317 | 12.339 | .19506 | 24.678 |
| Stddev | .00003 | .47    | .00044 | .00024 | .01355 | .019   | .00060 | .030   |
| %RSD   | 2.5125 | .22328 | .45356 | 14.049 | 4.4706 | .15402 | .30855 | .11975 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00107 | 210.43 | .09819 | .00152 | .29358 | 12.353 | .19548 | 24.699 |
| #2 | .00104 | 209.77 | .09756 | .00186 | .31275 | 12.326 | .19463 | 24.657 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01652 | .00099 | 3.4330 | .00694 | .15190 | 7.1285 | .00689 | .07923 |
| Stddev | .00060 | .00007 | .0218  | .00034 | .00150 | .0115  | .00022 | .02085 |
| %RSD   | 3.6196 | 7.2634 | .33916 | 4.8690 | .99075 | .16151 | 3.2169 | 26.317 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .01610 | -.00094 | 6.4484 | .00670 | .15083 | 7.1204 | .00673 | .09398 |
| #2 | .01694 | -.00104 | 6.4175 | .00718 | .15296 | 7.1366 | .00705 | .06449 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 18.543 | 23.887 | .00072 | .01343 | .02078 | .2631  | .70491 |
| Stddev | .821   | .016   | .00196 | .00209 | .00313 | .0101  | .00152 |
| %RSD   | 4.4262 | .06826 | 273.55 | 15.569 | 15.076 | 3.856  | .21502 |

|    |        |        |         |        |        |       |        |
|----|--------|--------|---------|--------|--------|-------|--------|
| #1 | 17.962 | 23.898 | .00210  | .01491 | .01856 | .2560 | .70599 |
| #2 | 19.123 | 23.875 | -.00067 | .01195 | .02299 | .2703 | .70384 |

Sample Name: I2860-06      Acquired: 4/28/2017 14:03:48      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4418.5  | 56948.  | 5333.9  | 77.218 | 4180.7 |
| Stddev    | 158.5   | 108.    | .5      | .119   | 147.3  |
| %RSD      | 3.5867  | .18975  | .00845  | .15461 | 3.5234 |
| #1        | 4530.6  | 56871.  | 5333.6  | 77.303 | 4284.9 |
| #2        | 4306.4  | 57024.  | 5334.3  | 77.134 | 4076.6 |

Sample Name: I2860-07      Acquired: 4/28/2017 14:07:51      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |         |        |         |         |        |        |         |
|--------|--------|---------|--------|---------|---------|--------|--------|---------|
| Elem   | As1890 | Tl1908  | Pb2203 | Se1960  | Sb2068  | Al3961 | Ba4934 | Be2348  |
| Units  | ppm    | ppm     | ppm    | ppm     | ppm     | ppm    | ppm    | ppm     |
| Avg    | .19265 | -.00264 | .02471 | -.00483 | -.00307 | .07337 | .46459 | -.00003 |
| Stddev | .00002 | .00093  | .00015 | .00246  | .00190  | .00549 | .00454 | .00007  |
| %RSD   | .01239 | 35.291  | .62441 | 50.907  | 62.005  | 7.4772 | .97755 | 250.93  |

|    |        |         |        |         |         |        |        |         |
|----|--------|---------|--------|---------|---------|--------|--------|---------|
| #1 | .19263 | -.00198 | .02482 | -.00309 | -.00441 | .06949 | .46138 | .00002  |
| #2 | .19266 | -.00330 | .02461 | -.00656 | -.00172 | .07725 | .46780 | -.00008 |

|        |        |        |        |         |        |        |        |        |
|--------|--------|--------|--------|---------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286  | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00844 | 177.70 | .04836 | -.00006 | .02695 | .06350 | .02559 | 22.003 |
| Stddev | .00000 | .66    | .00068 | .00004  | .00029 | .00433 | .00018 | .058   |
| %RSD   | .02320 | .37153 | 1.4017 | 63.836  | 1.0868 | 6.8126 | .71307 | .26494 |

|    |        |        |        |         |        |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|--------|
| #1 | .00844 | 177.23 | .04884 | -.00009 | .02715 | .06656 | .02572 | 21.962 |
| #2 | .00844 | 178.17 | .04788 | -.00003 | .02674 | .06044 | .02546 | 22.044 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00994 | .00031 | 3.3215 | .00230 | .06909 | 5.9371 | .00564 | .05767 |
| Stddev | .00012 | .00008 | .0219  | .00032 | .00054 | .0003  | .00017 | .00142 |
| %RSD   | 1.1870 | 25.844 | .26358 | 14.091 | .77664 | .00456 | 3.0662 | 2.4620 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .01002 | .00036 | 8.3060 | .00207 | .06871 | 5.9373 | .00577 | .05867 |
| #2 | .00985 | .00025 | 8.3370 | .00253 | .06947 | 5.9369 | .00552 | .05666 |

|        |        |        |         |         |        |        |        |
|--------|--------|--------|---------|---------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899  | Ti3361  | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm     | ppm     | ppm    | ppm    | ppm    |
| Avg    | 24.801 | 22.306 | -.00189 | -.00023 | .00459 | .3159  | .59249 |
| Stddev | .130   | .216   | .00060  | .00018  | .00022 | .0015  | .00208 |
| %RSD   | .52421 | .96939 | 31.636  | 78.241  | 4.8091 | .4790  | .35178 |

|    |        |        |         |         |        |       |        |
|----|--------|--------|---------|---------|--------|-------|--------|
| #1 | 24.709 | 22.153 | -.00232 | -.00035 | .00474 | .3149 | .59101 |
| #2 | 24.892 | 22.459 | -.00147 | -.00010 | .00443 | .3170 | .59396 |

Sample Name: I2860-07      Acquired: 4/28/2017 14:07:51      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4235.9  | 58477.  | 5376.6  | 79.662 | 4059.4 |
| Stddev    | 21.6    | 792.    | 34.3    | .557   | 24.1   |
| %RSD      | .51089  | 1.3535  | .63777  | .69875 | .59294 |
| #1        | 4251.2  | 57918.  | 5400.8  | 80.055 | 4076.5 |
| #2        | 4220.6  | 59037.  | 5352.3  | 79.268 | 4042.4 |

Sample Name: I2860-08      Acquired: 4/28/2017 14:11:57      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01699 | .00107 | .01457 | .00931 | .00794 | .04566 | .44001 | .00019 |
| Stddev | .00166 | .00011 | .00160 | .00198 | .00018 | .00262 | .00211 | .00001 |
| %RSD   | 9.7841 | 10.659 | 10.957 | 21.279 | 2.2604 | 5.7373 | .48050 | 4.3992 |

|    |        |        |        |        |         |        |        |         |
|----|--------|--------|--------|--------|---------|--------|--------|---------|
| #1 | .01581 | .00098 | .01344 | .00791 | -.00782 | .04751 | .44150 | -.00018 |
| #2 | .01816 | .00115 | .01570 | .01071 | -.00807 | .04381 | .43851 | -.00019 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00051 | 106.26 | .07926 | .11723 | .04632 | 49.379 | 2.3026 | 52.993 |
| Stddev | .00011 | .49    | .00015 | .00003 | .00010 | .605   | .0028  | .203   |
| %RSD   | 22.045 | .46513 | .19284 | .02924 | .21820 | 1.2254 | .12351 | .38295 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | -.00059 | 106.61 | .07937 | .11725 | .04639 | 49.807 | 2.3006 | 53.137 |
| #2 | -.00043 | 105.91 | .07915 | .11720 | .04625 | 48.951 | 2.3046 | 52.850 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 11.050 | .00330 | 3.4319 | .00102 | .03620 | 4.8519 | .03781 | .24627 |
| Stddev | .048   | .00047 | .0267  | .00044 | .00046 | .0788  | .00035 | .02197 |
| %RSD   | .43641 | 14.332 | .31724 | 43.051 | 1.2827 | 1.6232 | .92944 | 8.9219 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | 11.084 | -.00297 | 8.4508 | .00071 | .03653 | 4.9076 | .03806 | .23074 |
| #2 | 11.016 | -.00364 | 8.4130 | .00133 | .03587 | 4.7962 | .03756 | .26181 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | 25.662 | 21.608 | .00087 | .00174 | .01611 | .0097  | .29097 |  |
| Stddev | .105   | .007   | .00021 | .00044 | .00186 | .0004  | .00023 |  |
| %RSD   | .40938 | .03229 | 23.571 | 25.464 | 11.569 | 4.410  | .07764 |  |

|    |        |        |         |        |        |       |        |  |
|----|--------|--------|---------|--------|--------|-------|--------|--|
| #1 | 25.737 | 21.613 | -.00102 | .00143 | .01479 | .0094 | .29113 |  |
| #2 | 25.588 | 21.604 | -.00073 | .00206 | .01742 | .0100 | .29081 |  |



Sample Name: I2860-08      Acquired: 4/28/2017 14:11:57      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4282.3  | 58740.  | 5466.5  | 78.704 | 3959.5 |
| Stddev    | 9.9     | 19.     | 12.1    | .710   | 17.2   |
| %RSD      | .23185  | .03197  | .22076  | .90180 | .43551 |
| #1        | 4275.3  | 58727.  | 5458.0  | 78.202 | 3947.3 |
| #2        | 4289.3  | 58754.  | 5475.0  | 79.205 | 3971.7 |

Sample Name: I2860-03A      Acquired: 4/28/2017 14:16:01      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .99927 | 1.8940 | 1.7301 | 1.9505 | .80586 | 2.4117 | .66010 | .20643 | .19818 |
| Stddev | .02740 | .0519  | .0437  | .0564  | .02661 | .0124  | .01225 | .00035 | .00541 |
| %RSD   | 2.7419 | 2.7376 | 2.5235 | 2.8896 | 3.3016 | .51511 | 1.8558 | .16806 | 2.7310 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.0186 | 1.9306 | 1.7610 | 1.9904 | .82467 | 2.4029 | .65144 | .20618 | .20201 |
| #2 | .97990 | 1.8573 | 1.6992 | 1.9107 | .78704 | 2.4205 | .66876 | .20667 | .19435 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 162.13 | .44125 | .19674 | .39138 | 3.6188 | .51918 | 22.037 | .48789 | .07073 |
| Stddev | 3.04   | .00151 | .00506 | .00935 | .0689  | .00079 | .437   | .01392 | .00027 |
| %RSD   | 1.8757 | .34233 | 2.5707 | 2.3885 | 1.9046 | .15194 | 1.9833 | 2.8525 | .38385 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 159.98 | .44232 | .20032 | .39800 | 3.5701 | .51974 | 21.728 | .49773 | .07092 |
| #2 | 164.28 | .44018 | .19317 | .38477 | 3.6676 | .51863 | 22.347 | .47805 | .07054 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 10.626 | .31364 | .32323 | 16.158 | .43109 | .35047 | 22.240 | 21.295 | .68391 |
| Stddev | .172   | .00003 | .00578 | .383   | .01321 | .00027 | .601   | .481   | .01856 |
| %RSD   | 1.6203 | .00868 | 1.7897 | 2.3705 | 3.0652 | .07627 | 2.7003 | 2.2575 | 2.7132 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 10.504 | .31362 | .31914 | 15.887 | .44044 | .35066 | 22.665 | 20.955 | .69703 |
| #2 | 10.747 | .31366 | .32732 | 16.429 | .42175 | .35028 | 21.816 | 21.635 | .67079 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | .22001 | .21781 | 6.193  | .74036 |
| Stddev | .00436 | .00650 | .166   | .01414 |
| %RSD   | 1.9814 | 2.9853 | 2.685  | 1.9093 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .21693 | .21321 | 6.311 | .73037 |
| #2 | .22309 | .22241 | 6.076 | .75036 |

Sample Name: I2860-03A      Acquired: 4/28/2017 14:16:01      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4290.2  | 59213.  | 5363.2  | 79.981 | 4082.1 |
| Stddev    | 91.4    | 139.    | 114.8   | 1.813  | 89.2   |
| %RSD      | 2.1307  | .23494  | 2.1398  | 2.2669 | 2.1855 |
| #1        | 4225.5  | 59115.  | 5444.4  | 81.263 | 4019.1 |
| #2        | 4354.8  | 59311.  | 5282.1  | 78.699 | 4145.2 |

Sample Name: CCV03      Acquired: 4/28/2017 14:19:58      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.9434 | 4.8408 | 4.8223 | 5.0006 | 4.9147 | 3.6042 | 10.129 | .25064 | 2.4454 |
| Stddev | .0082  | .0247  | .0197  | .0040  | .0085  | .1142  | .010   | .00028 | .0080  |
| %RSD   | .16507 | .51092 | .40752 | .08066 | .17277 | 1.1894 | .10204 | .11015 | .32876 |
| #1     | 4.9376 | 4.8233 | 4.8084 | 5.0034 | 4.9087 | 9.6849 | 10.137 | .25083 | 2.4398 |
| #2     | 4.9491 | 4.8583 | 4.8362 | 4.9977 | 4.9207 | 9.5234 | 10.122 | .25044 | 2.4511 |
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 24.887 | .97265 | 2.4345 | 1.2364 | 4.8341 | 2.5403 | 24.680 | 2.4460 | 1.2083 |
| Stddev | .006   | .00064 | .0087  | .0020  | .1604  | .0036  | .067   | .0082  | .0025  |
| %RSD   | .02495 | .06551 | .35614 | .16400 | 3.3188 | .14309 | .26959 | .33508 | .20322 |
| #1     | 24.891 | .97219 | 2.4283 | 1.2349 | 4.7206 | 2.5428 | 24.633 | 2.4402 | 1.2065 |
| #2     | 24.882 | .97310 | 2.4406 | 1.2378 | 4.9475 | 2.5377 | 24.727 | 2.4518 | 1.2100 |
| 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    | 24.460 | 2.4696 | 2.4728 | 25.201 | 4.9839 | 4.8137 | 4.9122 | 4.9225 | 4.8790 |
| Stddev | .022   | .0056  | .0750  | .015   | .0048  | .0509  | .0218  | .0539  | .0155  |
| %RSD   | .09030 | .22661 | 3.0339 | .05933 | .09594 | 1.0581 | .44383 | 1.0960 | .31724 |
| #1     | 24.476 | 2.4657 | 2.4198 | 25.212 | 4.9872 | 4.8497 | 4.8967 | 4.8843 | 4.8680 |
| #2     | 24.444 | 2.4736 | 2.5259 | 25.191 | 4.9805 | 4.7777 | 4.9276 | 4.9606 | 4.8899 |
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |        |        |        |        |        |
| Units  | ppm    | ppm    | ppm    | ppm    |        |        |        |        |        |
| Avg    | 4.9482 | 5.0532 | 5.067  | 4.9831 |        |        |        |        |        |
| Stddev | .0203  | .0132  | .023   | .0119  |        |        |        |        |        |
| %RSD   | .41022 | .26049 | .4461  | .23796 |        |        |        |        |        |
| #1     | 4.9625 | 5.0625 | 5.051  | 4.9915 |        |        |        |        |        |
| #2     | 4.9338 | 5.0439 | 5.083  | 4.9748 |        |        |        |        |        |

Sample Name: CCV03      Acquired: 4/28/2017 14:19:58      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4176.0  | 56473.  | 5113.4  | 72.998 | 3783.8 |
| Stddev    | 6.7     | 344.    | 6.5     | 2.009  | 3.3    |
| %RSD      | .16030  | .60973  | .12659  | 2.7518 | .08638 |
| #1        | 4171.3  | 56229.  | 5118.0  | 74.418 | 3786.1 |
| #2        | 4180.7  | 56716.  | 5108.8  | 71.577 | 3781.5 |

Sample Name: CCB03      Acquired: 4/28/2017 14:23:48      Type: Unk

Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000

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

Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00017 | .00202 | .00074 | .00050 | .00192 | .00321 | .00218 | .00003 |
| Stddev | .00205 | .00098 | .00160 | .00179 | .00251 | .00229 | .00009 | .00001 |
| %RSD   | 1237.9 | 48.580 | 216.07 | 356.08 | 130.86 | 71.237 | 4.3452 | 46.181 |

|    |         |         |         |         |        |         |        |         |
|----|---------|---------|---------|---------|--------|---------|--------|---------|
| #1 | -.00128 | -.00272 | -.00039 | -.00177 | .00370 | -.00482 | .00224 | -.00004 |
| #2 | .00162  | -.00133 | .00187  | .00076  | .00014 | -.00159 | .00211 | -.00002 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00003 | .00313 | .00003 | .00007 | .00067 | .00604 | .00007 | .01421 |
| Stddev | .00001 | .02117 | .00003 | .00007 | .00005 | .00250 | .00003 | .04047 |
| %RSD   | 20.505 | 676.53 | 109.71 | 94.196 | 8.0537 | 41.371 | 34.561 | 284.84 |

|    |         |         |        |         |        |         |        |         |
|----|---------|---------|--------|---------|--------|---------|--------|---------|
| #1 | -.00003 | -.01184 | .00001 | -.00003 | .00063 | -.00781 | .00009 | -.01441 |
| #2 | -.00004 | .01810  | .00005 | -.00012 | .00071 | -.00427 | .00006 | .04282  |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00050 | .00013 | .00091 | .00002 | .00016 | .05111 | .00052 | .00809 |
| Stddev | .00027 | .00005 | .00605 | .00029 | .00003 | .00512 | .00005 | .02132 |
| %RSD   | 54.772 | 41.313 | 668.13 | 1269.0 | 19.868 | 10.013 | 9.2167 | 263.70 |

|    |        |        |         |         |         |        |        |         |
|----|--------|--------|---------|---------|---------|--------|--------|---------|
| #1 | .00069 | .00016 | .00518  | -.00018 | -.00013 | .04749 | .00056 | .02316  |
| #2 | .00031 | .00009 | -.00337 | .00023  | -.00018 | .05473 | .00049 | -.00699 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .00139 | .00616 | .00011 | .00375 | .00345 | .0005  | .00002 |  |
| Stddev | .00012 | .00010 | .00008 | .00048 | .00176 | .0002  | .00018 |  |
| %RSD   | 8.7711 | 1.6835 | 71.150 | 12.846 | 50.873 | 50.70  | 745.81 |  |

|    |         |         |         |        |         |        |         |  |
|----|---------|---------|---------|--------|---------|--------|---------|--|
| #1 | -.00147 | -.00623 | -.00017 | .00409 | -.00221 | -.0003 | -.00015 |  |
| #2 | -.00130 | -.00609 | -.00005 | .00341 | -.00469 | -.0006 | .00010  |  |

Sample Name: CCB03      Acquired: 4/28/2017 14:23:48      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4272.0  | 57996.  | 5132.0  | 75.145 | 3963.7 |
| Stddev    | 12.7    | 179.    | 5.1     | .617   | 6.2    |
| %RSD      | .29707  | .30893  | .09989  | .82122 | .15571 |
| #1        | 4263.0  | 58123.  | 5135.6  | 74.709 | 3959.3 |
| #2        | 4280.9  | 57869.  | 5128.3  | 75.582 | 3968.0 |

Sample Name: I2860-09      Acquired: 4/28/2017 14:27:58      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |         |        |         |         |        |        |         |
|--------|--------|---------|--------|---------|---------|--------|--------|---------|
| Elem   | As1890 | Tl1908  | Pb2203 | Se1960  | Sb2068  | Al3961 | Ba4934 | Be2348  |
| Units  | ppm    | ppm     | ppm    | ppm     | ppm     | ppm    | ppm    | ppm     |
| Avg    | .01049 | -.00266 | .00067 | -.00471 | -.00132 | .03545 | .14462 | -.00002 |
| Stddev | .00317 | .00202  | .00008 | .00200  | .00023  | .01292 | .00267 | .00001  |
| %RSD   | 30.184 | 75.968  | 12.075 | 42.531  | 17.052  | 36.442 | 1.8443 | 40.055  |

|    |        |         |        |         |         |        |        |         |
|----|--------|---------|--------|---------|---------|--------|--------|---------|
| #1 | .01273 | -.00123 | .00061 | -.00329 | -.00148 | .02632 | .14273 | -.00002 |
| #2 | .00825 | -.00409 | .00073 | -.00613 | -.00116 | .04459 | .14650 | -.00003 |

|        |        |        |        |         |        |        |        |        |
|--------|--------|--------|--------|---------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286  | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00003 | 54.107 | .00332 | -.00022 | .00085 | .02277 | .00659 | 14.195 |
| Stddev | .00002 | .825   | .00023 | .00009  | .00011 | .00473 | .00002 | .157   |
| %RSD   | 56.989 | 1.5252 | 7.0399 | 41.890  | 13.157 | 20.766 | .28966 | 1.1070 |

|    |        |        |        |         |        |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|--------|
| #1 | .00004 | 53.523 | .00348 | -.00029 | .00093 | .02612 | .00657 | 14.084 |
| #2 | .00002 | 54.690 | .00315 | -.00016 | .00077 | .01943 | .00660 | 14.306 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00676 | .00010 | 16.307 | .00036 | .01119 | 3.6040 | .00188 | .16208 |
| Stddev | .00021 | .00033 | .235   | .00021 | .00013 | .1243  | .00047 | .01136 |
| %RSD   | 3.0699 | 321.79 | 1.4413 | 58.041 | 1.1954 | 1.4446 | 25.248 | 7.0075 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .00691 | -.00013 | 16.141 | .00021 | .01109 | 8.5161 | .00154 | .15405 |
| #2 | .00662 | .00034  | 16.473 | .00050 | .01128 | 8.6919 | .00221 | .17011 |

|        |        |        |         |        |        |        |        |  |
|--------|--------|--------|---------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899  | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | 5.0444 | 4.7901 | -.00073 | .00166 | .00585 | .0173  | .37173 |  |
| Stddev | .0006  | .0368  | .00075  | .00103 | .00131 | .0002  | .00495 |  |
| %RSD   | .01288 | .76889 | 103.31  | 62.040 | 22.424 | 1.148  | 1.3320 |  |

|    |        |        |         |        |        |       |        |  |
|----|--------|--------|---------|--------|--------|-------|--------|--|
| #1 | 5.0439 | 4.7640 | -.00020 | .00239 | .00678 | .0171 | .36823 |  |
| #2 | 5.0448 | 4.8161 | -.00126 | .00093 | .00492 | .0174 | .37523 |  |



Sample Name: I2860-09      Acquired: 4/28/2017 14:27:58      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4315.2  | 59001.  | 5331.9  | 30.682 | 4113.0 |
| Stddev    | 6.7     | 187.    | 67.3    | .551   | 1.2    |
| %RSD      | .15487  | .31757  | 1.2625  | .68262 | .02917 |
| #1        | 4319.9  | 58868.  | 5379.5  | 81.072 | 4113.9 |
| #2        | 4310.5  | 59133.  | 5284.3  | 80.293 | 4112.2 |

Sample Name: I2860-10      Acquired: 4/28/2017 14:32:07      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |         |        |         |        |        |        |        |
|--------|--------|---------|--------|---------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908  | Pb2203 | Se1960  | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm     | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    |
| Avg    | .85529 | -.00232 | .00019 | -.00692 | .00513 | .04731 | .74563 | .00001 |
| Stddev | .00934 | .00112  | .00005 | .00247  | .00134 | .01684 | .00284 | .00000 |
| %RSD   | 1.0926 | 48.165  | 29.107 | 35.673  | 26.100 | 35.584 | .38034 | 13.051 |

|    |        |         |        |         |        |        |        |        |
|----|--------|---------|--------|---------|--------|--------|--------|--------|
| #1 | .84868 | -.00311 | .00015 | -.00867 | .00419 | .05922 | .74362 | .00001 |
| #2 | .86189 | -.00153 | .00023 | -.00518 | .00608 | .03541 | .74763 | .00001 |

|        |        |        |        |         |        |         |        |        |
|--------|--------|--------|--------|---------|--------|---------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286  | Cu2247 | Fe2404  | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm    | ppm     | ppm    | ppm    |
| Avg    | .00068 | 199.53 | .04188 | -.00038 | .03219 | -.00917 | .02946 | 23.404 |
| Stddev | .00003 | .54    | .00008 | .00040  | .00035 | .00230  | .00000 | .074   |
| %RSD   | 4.7234 | .27224 | .18463 | 106.81  | 1.0903 | 25.070  | .00177 | .31731 |

|    |        |        |        |         |        |         |        |        |
|----|--------|--------|--------|---------|--------|---------|--------|--------|
| #1 | .00065 | 199.15 | .04183 | -.00009 | .03244 | -.00754 | .02946 | 23.351 |
| #2 | .00070 | 199.91 | .04193 | -.00066 | .03195 | -.01080 | .02946 | 23.456 |

|        |        |         |        |        |        |        |        |        |
|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280  | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00272 | -.00039 | 3.1641 | .00254 | .04550 | 3.7444 | .00772 | .07667 |
| Stddev | .00033 | .00039  | .0180  | .00063 | .00102 | .0907  | .00011 | .01535 |
| %RSD   | 12.135 | 99.474  | .29245 | 24.893 | 2.2460 | 1.3442 | 1.3943 | 20.020 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .00249 | -.00011 | 6.1513 | .00209 | .04622 | 6.6803 | .00780 | .06582 |
| #2 | .00296 | -.00066 | 6.1768 | .00299 | .04477 | 6.8085 | .00765 | .08753 |

|        |        |        |         |        |        |        |        |
|--------|--------|--------|---------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899  | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    |
| Avg    | 18.660 | 21.679 | -.00166 | .00193 | .01994 | .0707  | .65994 |
| Stddev | .258   | .109   | .00033  | .00005 | .00013 | .0022  | .00301 |
| %RSD   | 1.3850 | .50425 | 19.805  | 2.7056 | .62964 | 3.105  | .45626 |

|    |        |        |         |        |        |       |        |
|----|--------|--------|---------|--------|--------|-------|--------|
| #1 | 18.477 | 21.601 | -.00190 | .00190 | .02003 | .0692 | .65781 |
| #2 | 18.842 | 21.756 | -.00143 | .00197 | .01985 | .0723 | .66207 |

Sample Name: I2860-10      Acquired: 4/28/2017 14:32:07      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4165.0  | 57681.  | 5263.7  | 30.358 | 3996.9 |
| Stddev    | 47.4    | 161.    | 26.6    | 1.406  | 53.9   |
| %RSD      | 1.1390  | .27923  | .50552  | 1.7498 | 1.3495 |
| #1        | 4198.5  | 57567.  | 5282.6  | 79.364 | 4035.0 |
| #2        | 4131.5  | 57795.  | 5244.9  | 81.353 | 3958.7 |

Sample Name: I2862-01      Acquired: 4/28/2017 14:36:14      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00043 | .00125 | .01306 | .00027 | .00036 | .01037 | .00296 | .00008 |
| Stddev | .00302 | .00030 | .00057 | .00177 | .00103 | .00174 | .00049 | .00000 |
| %RSD   | 704.26 | 24.187 | 4.3700 | 650.17 | 284.64 | 16.810 | 16.436 | 5.2116 |

|    |         |         |        |         |         |        |        |         |
|----|---------|---------|--------|---------|---------|--------|--------|---------|
| #1 | .00256  | -.00147 | .01346 | -.00098 | .00037  | .01161 | .00330 | -.00008 |
| #2 | -.00171 | -.00104 | .01265 | .00152  | -.00109 | .00914 | .00261 | -.00008 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00006 | .07637 | .00554 | .00033 | .00159 | .01201 | .00060 | .01675 |
| Stddev | .00006 | .00867 | .00023 | .00015 | .00005 | .01810 | .00000 | .02915 |
| %RSD   | 93.364 | 11.355 | 4.0707 | 45.896 | 3.0887 | 150.72 | .34924 | 174.03 |

|    |         |        |        |         |        |         |        |         |
|----|---------|--------|--------|---------|--------|---------|--------|---------|
| #1 | -.00002 | .08251 | .00538 | -.00043 | .00155 | -.00079 | .00060 | .03737  |
| #2 | -.00011 | .07024 | .00570 | -.00022 | .00162 | .02480  | .00060 | -.00386 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00258 | .00012 | .03578 | .00001 | .01246 | .04603 | .00031 | .01119 |
| Stddev | .00005 | .00006 | .01146 | .00015 | .00016 | .01633 | .00021 | .01601 |
| %RSD   | 1.8837 | 52.947 | 32.020 | 1166.1 | 1.2756 | 35.484 | 67.162 | 143.06 |

|    |        |         |         |         |        |        |        |         |
|----|--------|---------|---------|---------|--------|--------|--------|---------|
| #1 | .00261 | -.00007 | -.02768 | .00012  | .01257 | .05759 | .00046 | -.00013 |
| #2 | .00254 | -.00016 | -.04388 | -.00010 | .01235 | .03448 | .00017 | .02252  |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .00205 | .00509 | .00019 | .00351 | .00678 | .0003  | .00009 |  |
| Stddev | .00213 | .00275 | .00048 | .00260 | .00022 | .0012  | .00014 |  |
| %RSD   | 103.72 | 54.081 | 250.30 | 74.088 | 3.2903 | 494.3  | 163.78 |  |

|    |         |        |         |        |         |        |         |  |
|----|---------|--------|---------|--------|---------|--------|---------|--|
| #1 | -.00356 | .00314 | .00015  | .00167 | -.00694 | -.0011 | .00019  |  |
| #2 | -.00055 | .00704 | -.00053 | .00535 | -.00662 | .0006  | -.00001 |  |

Sample Name: I2862-01      Acquired: 4/28/2017 14:36:14      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4437.9  | 30278.  | 5308.9  | 78.184 | 4115.7 |
| Stddev    | 1.7     | 81.     | 54.2    | .517   | 2.7    |
| %RSD      | .03939  | .13458  | 1.0210  | .66187 | .06600 |
| #1        | 4436.7  | 60220.  | 5270.5  | 77.818 | 4113.7 |
| #2        | 4439.1  | 60335.  | 5347.2  | 78.550 | 4117.6 |

Sample Name: PB98562BL      Acquired: 4/28/2017 14:40:25      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00065 | .00056 | .00045 | .00054 | .00039 | .01771 | .00251 | .00002 |
| Stddev | .00499 | .00051 | .00073 | .00129 | .00093 | .02110 | .00057 | .00000 |
| %RSD   | 762.86 | 92.143 | 161.61 | 240.08 | 237.89 | 119.15 | 22.853 | 4.6041 |

|    |         |         |         |         |         |        |        |         |
|----|---------|---------|---------|---------|---------|--------|--------|---------|
| #1 | .00288  | -.00019 | .00097  | -.00145 | -.00027 | .03262 | .00210 | -.00002 |
| #2 | -.00419 | -.00092 | -.00006 | .00037  | .00105  | .00279 | .00291 | -.00002 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00001 | .01499 | .00007 | .00001 | .00031 | .00701 | .00010 | .01424 |
| Stddev | .00001 | .00189 | .00043 | .00013 | .00063 | .00352 | .00002 | .03107 |
| %RSD   | 110.01 | 12.630 | 644.27 | 1065.9 | 204.99 | 50.251 | 16.493 | 218.19 |

|    |        |        |         |         |         |         |         |         |
|----|--------|--------|---------|---------|---------|---------|---------|---------|
| #1 | .00000 | .01632 | .00024  | .00008  | -.00014 | -.00452 | -.00011 | .03621  |
| #2 | .00002 | .01365 | -.00037 | -.00011 | .00075  | -.00950 | -.00009 | -.00773 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00074 | .00026 | .01577 | .00003 | .00040 | .02134 | .00034 | .02256 |
| Stddev | .00019 | .00008 | .00200 | .00030 | .00000 | .02530 | .00010 | .00746 |
| %RSD   | 25.826 | 30.818 | 12.662 | 1071.8 | .94175 | 118.58 | 28.559 | 33.071 |

|    |        |        |         |         |         |        |        |        |
|----|--------|--------|---------|---------|---------|--------|--------|--------|
| #1 | .00088 | .00020 | -.01719 | .00024  | -.00040 | .03923 | .00027 | .02783 |
| #2 | .00061 | .00032 | -.01436 | -.00019 | -.00040 | .00345 | .00041 | .01728 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00324 | .00528 | .00125 | .00446 | .00347 | .0006  | .00005 |
| Stddev | .00052 | .00131 | .00013 | .00312 | .00020 | .0000  | .00002 |
| %RSD   | 16.212 | 24.763 | 10.266 | 69.830 | 5.8042 | 1.885  | 31.862 |

|    |         |         |         |        |         |        |        |
|----|---------|---------|---------|--------|---------|--------|--------|
| #1 | -.00361 | -.00621 | -.00116 | .00226 | -.00361 | -.0005 | .00006 |
| #2 | -.00287 | -.00436 | -.00135 | .00666 | -.00332 | -.0006 | .00004 |

Sample Name: PB98562BL      Acquired: 4/28/2017 14:40:25      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4315.6  | 58106.  | 5141.9  | 76.177 | 4007.2 |
| Stddev    | 14.6    | 275.    | 6.5     | .199   | 6.9    |
| %RSD      | .33774  | .47376  | .12677  | .26159 | .17319 |
| #1        | 4305.3  | 58300.  | 5146.5  | 76.036 | 4002.3 |
| #2        | 4325.9  | 57911.  | 5137.3  | 76.318 | 4012.1 |

Sample Name: PB98562BS      Acquired: 4/28/2017 14:44:37      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |          |        |        |        |
|--------|--------|--------|--------|----------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960   | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm      | ppm    | ppm    | ppm    |
| Avg    | .75960 | 1.9360 | .97600 | 1.7322   | .74596 | 1.9560 | .22403 |
| Stddev | .00337 | .0010  | .00417 | .0039    | .00311 | .0427  | .00043 |
| %RSD   | .44376 | .05132 | .42687 | .22250   | .41655 | 2.1848 | .19106 |
| #1     | .75722 | 1.9367 | .97305 | 1.7349   | .74816 | 1.9258 | .22372 |
| #2     | .76198 | 1.9353 | .97895 | 1.7295   | .74376 | 1.9862 | .22433 |
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677   | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm      | ppm    | ppm    | ppm    |
| Avg    | .19428 | .19820 | 1.1015 | .42255   | .20885 | .32426 | 3.1790 |
| Stddev | .00021 | .00010 | .0307  | .00096   | .00073 | .00045 | .2206  |
| %RSD   | .10554 | .04833 | 2.7864 | .22824   | .35021 | .13726 | 6.9393 |
| #1     | .19414 | .19813 | 1.0798 | .42187   | .20833 | .32457 | 3.0230 |
| #2     | .19443 | .19827 | 1.1232 | .42323   | .20936 | .32394 | 3.3350 |
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280   | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm      | ppm    | ppm    | ppm    |
| Avg    | .22199 | 2.1811 | .51815 | .07050   | 3.2084 | .31789 | .20626 |
| Stddev | .00074 | .0806  | .00093 | .00025   | .0197  | .00127 | .01347 |
| %RSD   | .33257 | 3.6938 | .18010 | .35769   | .61332 | .40000 | 6.5323 |
| #1     | .22147 | 2.1242 | .51749 | .07068   | 3.1945 | .31699 | .19673 |
| #2     | .22251 | 2.2381 | .51881 | .07032   | 3.2223 | .31879 | .21579 |
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820   | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm      | ppm    | ppm    | ppm    |
| Avg    | 10.742 | .42909 | .30749 | F .01180 | .88953 | .68426 | .20926 |
| Stddev | .078   | .00029 | .01090 | .00077   | .00532 | .00030 | .00212 |
| %RSD   | .72304 | .06862 | 3.5462 | 6.5360   | .59775 | .04362 | 1.0121 |
| #1     | 10.687 | .42888 | .31520 | -.01235  | .89329 | .68405 | .21076 |
| #2     | 10.797 | .42930 | .29978 | -.01126  | .88577 | .68447 | .20776 |



Sample Name: PB98562BS      Acquired: 4/28/2017 14:44:37      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                     |        |        |
|--------|---------------------|--------|--------|
| Elem   | Li6707              | P_1774 | Sr4077 |
| Units  | ppm                 | ppm    | ppm    |
| Avg    | <del>F</del> .00470 | 5.528  | .21228 |
| Stddev | .00266              | .003   | .00079 |
| %RSD   | 56.633              | .0608  | .37110 |

|    |        |       |        |
|----|--------|-------|--------|
| #1 | .00282 | 5.525 | .21172 |
| #2 | .00658 | 5.530 | .21284 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4323.7  | 59407.  | 5156.9  | 75.418 | 4087.1 |
| Stddev    | 11.1    | 145.    | 18.3    | 4.635  | 6.3    |
| %RSD      | .25727  | .24412  | .35470  | 6.1454 | .15370 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 4315.8 | 59510. | 5143.9 | 78.695 | 4082.6 |
| #2 | 4331.5 | 59304. | 5169.8 | 72.141 | 4091.5 |

Sample Name: PB98562TB      Acquired: 4/28/2017 14:48:34      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00459 | .00529 | .00050 | .00299 | .00054 | .02285 | .00185 | .00010 |
| Stddev | .00088 | .00047 | .00043 | .00421 | .00121 | .00099 | .00057 | .00001 |
| %RSD   | 19.191 | 8.9027 | 84.584 | 140.53 | 225.37 | 4.3166 | 30.615 | 13.699 |

|    |         |         |        |        |         |        |        |         |
|----|---------|---------|--------|--------|---------|--------|--------|---------|
| #1 | -.00522 | -.00563 | .00080 | .00002 | .00140  | .02354 | .00225 | -.00009 |
| #2 | -.00397 | -.00496 | .00020 | .00597 | -.00032 | .02215 | .00145 | -.00011 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00008 | .03315 | .00059 | .00069 | .00042 | .00779 | .00012 | .04204 |
| Stddev | .00003 | .01362 | .00001 | .00017 | .00037 | .02975 | .00003 | .01224 |
| %RSD   | 39.113 | 41.083 | 1.9415 | 24.002 | 87.333 | 381.92 | 26.339 | 29.108 |

|    |         |        |        |         |         |         |         |        |
|----|---------|--------|--------|---------|---------|---------|---------|--------|
| #1 | -.00010 | .04279 | .00058 | -.00057 | -.00068 | .01325  | -.00010 | .03338 |
| #2 | -.00006 | .02352 | .00060 | -.00081 | -.00016 | -.02882 | -.00014 | .05069 |

|        |        |        |          |        |        |        |        |        |
|--------|--------|--------|----------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895   | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm      | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00161 | .00025 | F 279.28 | .00011 | .00032 | .07624 | .00065 | .01829 |
| Stddev | .00031 | .00023 | .86      | .00006 | .00006 | .00844 | .00017 | .00968 |
| %RSD   | 19.370 | 92.710 | .30836   | 53.957 | 19.053 | 11.075 | 25.822 | 52.896 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .00139 | -.00041 | 279.89 | .00015 | .00036 | .07027 | .00053 | .02513 |
| #2 | .00183 | -.00009 | 278.67 | .00007 | .00027 | .08221 | .00077 | .01145 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .00399 | .00711 | .00072 | .00482 | .00128 | .0003  | .00006 |  |
| Stddev | .00128 | .00063 | .00064 | .00202 | .00016 | .0012  | .00003 |  |
| %RSD   | 31.948 | 8.8159 | 88.933 | 41.817 | 12.465 | 349.0  | 51.094 |  |

|    |        |         |        |        |         |        |        |  |
|----|--------|---------|--------|--------|---------|--------|--------|--|
| #1 | .00309 | -.00667 | .00118 | .00625 | -.00140 | -.0012 | .00004 |  |
| #2 | .00490 | -.00755 | .00027 | .00339 | -.00117 | .0005  | .00008 |  |

Sample Name: PB98562TB      Acquired: 4/28/2017 14:48:34      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4249.2  | 57483.  | 5227.7  | 78.057 | 3963.3 |
| Stddev    | 8.6     | 126.    | 45.3    | .055   | 4.1    |
| %RSD      | .20202  | .21972  | .86746  | .07000 | .10441 |
| #1        | 4243.1  | 57573.  | 5195.6  | 78.018 | 3960.4 |
| #2        | 4255.3  | 57394.  | 5259.8  | 78.095 | 3966.2 |

Sample Name: I2873-07      Acquired: 4/28/2017 14:52:45      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00407 | .00467 | .07262 | .00254 | .00094 | .05170 | .08704 | .00005 |
| Stddev | .00136 | .00138 | .00005 | .00031 | .00352 | .02312 | .00034 | .00004 |
| %RSD   | 33.399 | 29.670 | .07234 | 12.222 | 373.19 | 44.725 | .39447 | 77.032 |

|    |        |         |        |        |         |        |        |         |
|----|--------|---------|--------|--------|---------|--------|--------|---------|
| #1 | .00504 | -.00369 | .07266 | .00232 | -.00343 | .06806 | .08728 | -.00008 |
| #2 | .00311 | -.00564 | .07258 | .00276 | .00154  | .03535 | .08679 | -.00002 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00020 | 10.990 | .00115 | .00157 | .05754 | .02850 | .11218 | .82698 |
| Stddev | .00002 | .018   | .00014 | .00028 | .00020 | .00961 | .00161 | .04076 |
| %RSD   | 10.902 | .16349 | 12.534 | 17.891 | .34273 | 33.731 | 1.4315 | 4.9292 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00019 | 11.002 | .00125 | .00177 | .05768 | .03530 | .11105 | .85580 |
| #2 | .00022 | 10.977 | .00105 | .00137 | .05741 | .02171 | .11332 | .79815 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00264 | .00014 | 260.96 | .00061 | .07669 | 1.0975 | .00061 | .02040 |
| Stddev | .00007 | .00001 | 2.93   | .00044 | .00042 | .0424  | .00020 | .00090 |
| %RSD   | 2.5885 | 10.014 | 1.1228 | 71.916 | .54869 | 3.8619 | 32.339 | 4.4225 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00269 | .00015 | 263.04 | .00092 | .07699 | 1.0675 | .00075 | .02103 |
| #2 | .00259 | .00013 | 258.89 | .00030 | .07640 | 1.1274 | .00047 | .01976 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .13364 | .53946 | .00079 | .00436 | .00097 | .0153  | .03781 |
| Stddev | .00008 | .00810 | .00045 | .00238 | .00108 | .0002  | .00011 |
| %RSD   | .06234 | 1.5012 | 57.307 | 54.686 | 111.47 | 1.466  | .28319 |

|    |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|-------|--------|
| #1 | .13358 | .54519 | .00047 | .00267 | .00021 | .0151 | .03789 |
| #2 | .13370 | .53373 | .00111 | .00604 | .00174 | .0155 | .03773 |

Sample Name: I2873-07      Acquired: 4/28/2017 14:52:45      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4263.4  | 57833.  | 5214.9  | 77.714 | 3967.6 |
| Stddev    | 5.7     | 429.    | 60.9    | .437   | 3.9    |
| %RSD      | .13394  | .74111  | 1.1681  | .56248 | .09875 |
| #1        | 4259.4  | 58136.  | 5171.8  | 77.405 | 3964.9 |
| #2        | 4267.5  | 57530.  | 5258.0  | 78.023 | 3970.4 |

Sample Name: I2873-07DUP      Acquired: 4/28/2017 14:56:58      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00125 | .00467 | .07308 | .00101 | .00212 | .07144 | .08608 | .00010 |
| Stddev | .00019 | .00107 | .00052 | .00147 | .00023 | .00104 | .00003 | .00002 |
| %RSD   | 15.155 | 22.882 | .71708 | 146.18 | 10.779 | 1.4544 | .03868 | 16.081 |

|    |        |         |        |         |         |        |        |         |
|----|--------|---------|--------|---------|---------|--------|--------|---------|
| #1 | .00139 | -.00392 | .07345 | .00205  | -.00228 | .07218 | .08610 | -.00009 |
| #2 | .00112 | -.00543 | .07271 | -.00003 | -.00196 | .07071 | .08606 | -.00011 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00020 | 10.785 | .00131 | .00147 | .05836 | .03763 | .11178 | .82123 |
| Stddev | .00001 | .020   | .00029 | .00015 | .00001 | .01177 | .00051 | .00722 |
| %RSD   | 3.8947 | .18979 | 22.130 | 9.9858 | .01504 | 31.270 | .45238 | .87870 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00020 | 10.799 | .00111 | .00157 | .05837 | .04595 | .11214 | .82633 |
| #2 | .00019 | 10.770 | .00152 | .00137 | .05835 | .02931 | .11142 | .81613 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00280 | .00024 | 256.45 | .00054 | .07572 | 1.1093 | .00071 | .00746 |
| Stddev | .00036 | .00015 | 3.02   | .00026 | .00029 | .0022  | .00014 | .00962 |
| %RSD   | 12.987 | 64.451 | 1.1770 | 49.235 | .37645 | .19512 | 19.478 | 128.99 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00254 | .00013 | 258.58 | .00072 | .07552 | 1.1078 | .00081 | .01426 |
| #2 | .00306 | .00034 | 254.31 | .00035 | .07592 | 1.1108 | .00061 | .00066 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .13398 | .53494 | .00060 | .00518 | .00327 | .0164  | .03713 |
| Stddev | .00044 | .00153 | .00178 | .00038 | .00091 | .0007  | .00010 |
| %RSD   | .32941 | .28659 | 295.28 | 7.4064 | 27.887 | 4.544  | .28226 |

|    |        |        |         |        |        |       |        |
|----|--------|--------|---------|--------|--------|-------|--------|
| #1 | .13367 | .53603 | .00186  | .00545 | .00263 | .0169 | .03721 |
| #2 | .13429 | .53386 | -.00066 | .00491 | .00392 | .0159 | .03706 |

Sample Name: I2873-07DUP      Acquired: 4/28/2017 14:56:58      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4273.0  | 57975.  | 5283.2  | 78.473 | 3980.4 |
| Stddev    | 4.1     | 337.    | 34.4    | .270   | 2.7    |
| %RSD      | .09511  | .58062  | .65077  | .34405 | .06878 |
| #1        | 4275.8  | 57737.  | 5258.9  | 78.664 | 3982.3 |
| #2        | 4270.1  | 58213.  | 5307.5  | 78.282 | 3978.4 |

Sample Name: I2873-07LX5      Acquired: 4/28/2017 15:01:10      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00040 | .00176 | .01561 | .00130 | .00122 | .02441 | .01966 | .00003 |
| Stddev | .00221 | .00097 | .00113 | .00043 | .00034 | .00730 | .00025 | .00001 |
| %RSD   | 548.32 | 54.990 | 7.2660 | 33.089 | 27.807 | 29.896 | 1.2840 | 44.243 |

|    |         |         |        |         |         |        |        |         |
|----|---------|---------|--------|---------|---------|--------|--------|---------|
| #1 | -.00196 | -.00108 | .01481 | -.00100 | -.00098 | .01925 | .01984 | -.00002 |
| #2 | .00116  | -.00245 | .01641 | -.00161 | -.00146 | .02957 | .01948 | -.00004 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00001 | 2.2254 | .00004 | .00023 | .01208 | .01234 | .02308 | .17828 |
| Stddev | .00004 | .0108  | .00005 | .00009 | .00016 | .01181 | .00008 | .02862 |
| %RSD   | 264.86 | .48662 | 114.37 | 40.030 | 1.3549 | 95.640 | .34796 | 16.051 |

|    |         |        |        |        |        |         |        |        |
|----|---------|--------|--------|--------|--------|---------|--------|--------|
| #1 | .00004  | 2.2331 | .00008 | .00030 | .01196 | -.02069 | .02313 | .15804 |
| #2 | -.00001 | 2.2178 | .00001 | .00017 | .01219 | -.00400 | .02302 | .19851 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00096 | .00014 | 54.256 | .00050 | .01608 | .28176 | .00027 | .00694 |
| Stddev | .00008 | .00057 | .159   | .00034 | .00001 | .01011 | .00033 | .01204 |
| %RSD   | 8.6200 | 414.31 | .29367 | 68.757 | .07911 | 3.5865 | 122.86 | 173.55 |

|    |        |         |        |        |        |        |        |         |
|----|--------|---------|--------|--------|--------|--------|--------|---------|
| #1 | .00102 | .00026  | 54.369 | .00025 | .01609 | .27461 | .00050 | .01546  |
| #2 | .00090 | -.00054 | 54.143 | .00074 | .01607 | .28890 | .00003 | -.00158 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02519 | .10896 | .00010 | .00479 | .00089 | .0028  | .00769 |
| Stddev | .00172 | .00088 | .00024 | .00015 | .00038 | .0007  | .00003 |
| %RSD   | 6.8240 | .80375 | 241.91 | 3.2168 | 42.850 | 26.14  | .33151 |

|    |        |        |         |        |        |       |        |
|----|--------|--------|---------|--------|--------|-------|--------|
| #1 | .02640 | .10958 | .00027  | .00489 | .00062 | .0033 | .00771 |
| #2 | .02397 | .10835 | -.00007 | .00468 | .00115 | .0023 | .00767 |



Sample Name: I2873-07LX5      Acquired: 4/28/2017 15:01:10      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4344.6  | 58960.  | 5235.3  | 77.534 | 4103.3 |
| Stddev    | 25.7    | 461.    | 44.8    | .073   | 19.3   |
| %RSD      | .59217  | .78138  | .85629  | .09374 | .46967 |
| #1        | 4326.4  | 58634.  | 5203.6  | 77.483 | 4089.7 |
| #2        | 4362.8  | 59286.  | 5267.0  | 77.585 | 4116.9 |

Sample Name: I2873-07MS      Acquired: 4/28/2017 15:08:36      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .81303 | 1.9347 | 1.0577 | 1.8524 | .80151 | 2.0920 | .30879 | .20426 | .20224 |
| Stddev | .00040 | .0057  | .0010  | .0047  | .00143 | .0131  | .00064 | .00027 | .00009 |
| %RSD   | .04872 | .29395 | .09414 | .25447 | .17849 | .62576 | .20873 | .13317 | .04466 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .81275 | 1.9306 | 1.0570 | 1.8557 | .80049 | 2.1013 | .30925 | .20407 | .20218 |
| #2 | .81331 | 1.9387 | 1.0585 | 1.8491 | .80252 | 2.0827 | .30833 | .20445 | .20230 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 12.217 | .41867 | .21114 | .38147 | 3.0623 | .33353 | 2.9982 | .51894 | .07330 |
| Stddev | .005   | .00042 | .00032 | .00031 | .1119  | .00001 | .0103  | .00075 | .00016 |
| %RSD   | .03746 | .10052 | .15013 | .08202 | 3.6559 | .00412 | .34246 | .14410 | .22210 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 12.220 | .41837 | .21137 | .38125 | 2.9831 | .33354 | 3.0054 | .51841 | .07319 |
| #2 | 12.214 | .41896 | .21092 | .38169 | 3.1414 | .33352 | 2.9909 | .51947 | .07342 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 270.55 | .32161 | .28024 | 12.238 | .45065 | .32550 | .12914 | 1.4629 | .72248 |
| Stddev | .43    | .00087 | .00843 | .059   | .00093 | .00655 | .00009 | .0026  | .00176 |
| %RSD   | .15723 | .27076 | 3.0082 | .48571 | .20561 | 2.0108 | .07348 | .17409 | .24377 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 270.85 | .32222 | .27428 | 12.280 | .45131 | .33013 | .12907 | 1.4647 | .72123 |
| #2 | 270.25 | .32099 | .28620 | 12.196 | .45000 | .32087 | .12920 | 1.4611 | .72372 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 22573  | 22483  | 6.015  | 24855  |
| Stddev | .00117 | .00169 | .007   | .00053 |
| %RSD   | .51755 | .75169 | .1142  | .21507 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .22490 | .22603 | 6.011 | .24892 |
| #2 | .22655 | .22364 | 6.020 | .24817 |

Sample Name: I2873-07MS      Acquired: 4/28/2017 15:08:36      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4229.2  | 57582.  | 5171.8  | 77.301 | 3943.2 |
| Stddev    | 9.3     | 139.    | 24.8    | 2.161  | 4.7    |
| %RSD      | .22097  | .24220  | .47900  | 2.7957 | .11805 |
| #1        | 4222.6  | 57484.  | 5154.3  | 78.829 | 3939.9 |
| #2        | 4235.8  | 57681.  | 5189.3  | 75.773 | 3946.5 |

Sample Name: CCV04      Acquired: 4/28/2017 15:12:34      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.9081 | 4.7823 | 4.7857 | 4.9455 | 4.8726 | 9.4648 | 9.9860 | 2.4771 | 2.4234 |
| Stddev | .0175  | .0022  | .0073  | .0017  | .0099  | .0023  | .0467  | .00124 | .0021  |
| %RSD   | .35726 | .04625 | .15194 | .03333 | .20250 | .02404 | .46741 | .50253 | .08747 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 4.9205 | 4.7807 | 4.7908 | 4.9443 | 4.8796 | 9.4664 | 9.9530 | 2.4683 | 2.4249 |
| #2 | 4.8957 | 4.7839 | 4.7805 | 4.9467 | 4.8657 | 9.4632 | 10.019 | 2.4859 | 2.4219 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 24.490 | 96059  | 2.4081 | 1.2192 | 4.7348 | 2.5105 | 24.425 | 2.4118 | 1.1941 |
| Stddev | .157   | .00269 | .0012  | .0006  | .0673  | .0060  | .116   | .0053  | .0014  |
| %RSD   | .64250 | .27971 | .04781 | .05363 | 1.4215 | .23773 | .47287 | .22181 | .11395 |

|    |        |       |        |        |        |        |        |        |        |
|----|--------|-------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 24.379 | 95869 | 2.4089 | 1.2197 | 4.6872 | 2.5062 | 24.343 | 2.4156 | 1.1951 |
| #2 | 24.602 | 96249 | 2.4072 | 1.2188 | 4.7824 | 2.5147 | 24.506 | 2.4080 | 1.1931 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 23.776 | 2.4312 | 2.4138 | 24.799 | 4.9407 | 4.7177 | 4.8772 | 4.7971 | 4.8355 |
| Stddev | .131   | .0003  | .0335  | .092   | .0015  | .0249  | .0140  | .0177  | .0038  |
| %RSD   | .55292 | .01150 | 1.3867 | .37118 | .03004 | .52778 | .28676 | .36805 | .07932 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 23.683 | 2.4314 | 2.3901 | 24.734 | 4.9417 | 4.7001 | 4.8871 | 4.7846 | 4.8382 |
| #2 | 23.869 | 2.4310 | 2.4374 | 24.864 | 4.9396 | 4.7353 | 4.8673 | 4.8096 | 4.8327 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.8715 | 4.9739 | 5.013  | 4.9034 |
| Stddev | .0282  | .0388  | .012   | .0071  |
| %RSD   | .57886 | .78045 | .2346  | .14478 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 4.8516 | 4.9464 | 5.022 | 4.8984 |
| #2 | 4.8915 | 5.0013 | 5.005 | 4.9085 |

Sample Name: CCV04      Acquired: 4/28/2017 15:12:34      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4264.4  | 57965.  | 5255.9  | 75.747 | 3870.5 |
| Stddev    | 3.7     | 155.    | 16.3    | .998   | 7.7    |
| %RSD      | .08746  | .26701  | .30960  | 1.3182 | .19984 |
| #1        | 4261.7  | 58075.  | 5267.4  | 76.453 | 3865.0 |
| #2        | 4267.0  | 57856.  | 5244.4  | 75.041 | 3876.0 |

Sample Name: CCB04      Acquired: 4/28/2017 15:16:25      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |         |         |        |        |        |         |         |
|--------|--------|---------|---------|--------|--------|--------|---------|---------|
| Elem   | As1890 | Tl1908  | Pb2203  | Se1960 | Sb2068 | Al3961 | Ba4934  | Be2348  |
| Units  | ppm    | ppm     | ppm     | ppm    | ppm    | ppm    | ppm     | ppm     |
| Avg    | .00140 | -.00177 | -.00019 | .00065 | .00142 | .00367 | -.00169 | -.00005 |
| Stddev | .00123 | .00021  | .00058  | .00073 | .00048 | .00906 | .00466  | .00004  |
| %RSD   | 88.099 | 11.717  | 302.92  | 112.42 | 33.988 | 246.71 | 275.52  | 87.762  |

|    |        |         |         |        |        |         |         |         |
|----|--------|---------|---------|--------|--------|---------|---------|---------|
| #1 | .00227 | -.00191 | -.00060 | .00117 | .00108 | .01008  | -.00499 | -.00002 |
| #2 | .00053 | -.00162 | .00022  | .00013 | .00176 | -.00274 | .00160  | -.00008 |

|        |        |        |         |         |        |        |        |        |
|--------|--------|--------|---------|---------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677  | Co2286  | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm     | ppm     | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00004 | .03693 | -.00015 | -.00001 | .00003 | .00095 | .00044 | .02568 |
| Stddev | .00003 | .02600 | .00005  | .00011  | .00061 | .01541 | .00026 | .05191 |
| %RSD   | 91.875 | 70.400 | 30.479  | 1293.0  | 2202.7 | 1617.4 | 59.427 | 202.13 |

|    |        |        |         |         |         |         |        |         |
|----|--------|--------|---------|---------|---------|---------|--------|---------|
| #1 | .00001 | .01854 | -.00012 | .00007  | .00046  | -.00994 | .00062 | -.01102 |
| #2 | .00006 | .05531 | -.00018 | -.00009 | -.00040 | .01185  | .00025 | .06239  |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00093 | .00026 | .00816 | .00019 | .00008 | .10665 | .00096 | .01878 |
| Stddev | .00028 | .00006 | .07420 | .00015 | .00048 | .02380 | .00006 | .01603 |
| %RSD   | 30.074 | 24.430 | 909.46 | 75.780 | 601.22 | 22.314 | 6.7506 | 85.343 |

|    |        |        |         |        |         |        |        |        |
|----|--------|--------|---------|--------|---------|--------|--------|--------|
| #1 | .00073 | .00022 | -.04431 | .00030 | -.00026 | .08982 | .00101 | .00745 |
| #2 | .00112 | .00031 | .06063  | .00009 | .00042  | .12348 | .00092 | .03011 |

|        |         |         |        |        |         |        |        |
|--------|---------|---------|--------|--------|---------|--------|--------|
| Elem   | S_1820  | Si2881  | Sn1899 | Ti3361 | Li6707  | P_1774 | Sr4077 |
| Units  | ppm     | ppm     | ppm    | ppm    | ppm     | ppm    | ppm    |
| Avg    | -.00599 | -.03441 | .00035 | .00449 | -.00507 | .0009  | .00022 |
| Stddev | .00208  | .03085  | .00084 | .00087 | .00162  | .0005  | .00011 |
| %RSD   | 34.789  | 89.650  | 242.29 | 19.358 | 31.851  | 56.32  | 48.951 |

|    |         |         |         |        |         |       |        |
|----|---------|---------|---------|--------|---------|-------|--------|
| #1 | -.00452 | -.05623 | .00094  | .00388 | -.00621 | .0012 | .00014 |
| #2 | -.00746 | -.01260 | -.00025 | .00511 | -.00393 | .0005 | .00029 |

Sample Name: CCB04      Acquired: 4/28/2017 15:16:25      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4323.2  | 58068.  | 7707.0  | 115.71 | 4017.5 |
| Stddev    | 14.4    | 172.    | 3232.2  | 49.27  | 5.0    |
| %RSD      | .33295  | .29652  | 41.939  | 42.576 | .12488 |
| #1        | 4313.0  | 57946.  | 9992.5  | 150.55 | 4014.0 |
| #2        | 4333.4  | 58190.  | 5421.5  | 80.877 | 4021.1 |

Sample Name: I2873-07MSD      Acquired: 4/28/2017 15:20:35      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .80364 | 1.9151 | 1.0425 | 1.8273 | .78706 | 2.0871 | .30527 | .20137 | .19892 |
| Stddev | .00162 | .0029  | .0067  | .0094  | .00281 | .0056  | .00338 | .00107 | .00093 |
| %RSD   | .20184 | .15199 | .64318 | .51392 | .35713 | .26968 | 1.1086 | .53257 | .46830 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .80249 | 1.9131 | 1.0378 | 1.8207 | .78507 | 2.0910 | .30767 | .20061 | .19826 |
| #2 | .80478 | 1.9172 | 1.0473 | 1.8340 | .78904 | 2.0831 | .30288 | .20213 | .19958 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 12.032 | .41323 | .20703 | .37567 | 3.0408 | .32646 | 2.9314 | .51140 | .07150 |
| Stddev | .092   | .00010 | .00113 | .00059 | .0008  | .00089 | .0792  | .00129 | .00015 |
| %RSD   | .76805 | .02380 | .54557 | .15815 | .02475 | .27282 | 2.7003 | .25226 | .20588 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 12.098 | .41330 | .20623 | .37525 | 3.0402 | .32583 | 2.9874 | .51049 | .07161 |
| #2 | 11.967 | .41316 | .20783 | .37609 | 3.0413 | .32709 | 2.8755 | .51231 | .07140 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 266.21 | .31596 | .27851 | 11.896 | .44321 | .31878 | .12484 | 1.4451 | .71173 |
| Stddev | 3.36   | .00113 | .00148 | .117   | .00196 | .00653 | .00309 | .0096  | .00019 |
| %RSD   | 1.2625 | .35851 | .53314 | .98535 | .44176 | 2.0470 | 2.4758 | .66386 | .02632 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 268.58 | .31676 | .27746 | 11.979 | .44182 | .31416 | .12702 | 1.4519 | .71159 |
| #2 | 263.83 | .31516 | .27956 | 11.813 | .44459 | .32339 | .12265 | 1.4383 | .71186 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 21514  | .22289 | 5.974  | 24512  |
| Stddev | .00312 | .00272 | .028   | .00274 |
| %RSD   | 1.4479 | 1.2200 | .4709  | 1.1185 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .21734 | .22481 | 5.954 | .24706 |
| #2 | .21293 | .22096 | 5.994 | .24318 |



Sample Name: I2873-07MSD      Acquired: 4/28/2017 15:20:35      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4287.7  | 58074.  | 5246.8  | 77.642 | 3986.3 |
| Stddev    | .0      | 86.     | 65.8    | .096   | 2.8    |
| %RSD      | .00097  | .14770  | 1.2536  | .12414 | .06959 |
| #1        | 4287.7  | 58013.  | 5200.3  | 77.710 | 3984.4 |
| #2        | 4287.6  | 58135.  | 5293.3  | 77.574 | 3988.3 |

Sample Name: I2873-07A      Acquired: 4/28/2017 15:24:37      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .81564 | 1.9349 | 1.0585 | 1.8430 | .78333 | 2.0628 | .30699 | .20394 | .20139 |
| Stddev | .00139 | .0102  | .0032  | .0047  | .00024 | .0239  | .00283 | .00021 | .00061 |
| %RSD   | .17018 | .52720 | .29825 | .25631 | .03006 | 1.1602 | .92290 | .10141 | .30099 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .81466 | 1.9421 | 1.0608 | 1.8463 | .78350 | 2.0458 | .30499 | .20379 | .20182 |
| #2 | .81662 | 1.9277 | 1.0563 | 1.8396 | .78317 | 2.0797 | .30899 | .20409 | .20096 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 12.132 | .41708 | .20972 | .38208 | 3.0687 | .33214 | 2.9454 | .51871 | .07262 |
| Stddev | .020   | .00176 | .00041 | .00112 | .0616  | .00002 | .0035  | .00153 | .00034 |
| %RSD   | .16141 | .42234 | .19698 | .29292 | 2.0066 | .00468 | .11847 | .29455 | .46811 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 12.118 | .41584 | .21001 | .38287 | 3.0251 | .33213 | 2.9479 | .51979 | .07286 |
| #2 | 12.146 | .41833 | .20943 | .38128 | 3.1122 | .33215 | 2.9430 | .51763 | .07238 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 265.65 | .32120 | .28435 | 12.058 | .44278 | .31478 | .12767 | 1.4603 | .70996 |
| Stddev | .55    | .00090 | .00396 | .040   | .00087 | .01091 | .00344 | .0060  | .00119 |
| %RSD   | .20860 | .28033 | 1.3929 | .33473 | .19542 | 3.4670 | 2.6911 | .40795 | .16711 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 266.04 | .32057 | .28155 | 12.029 | .44217 | .30706 | .13009 | 1.4561 | .71080 |
| #2 | 265.26 | .32184 | .28715 | 12.086 | .44339 | .32250 | .12524 | 1.4645 | .70912 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | .21894 | .22792 | 6.043  | 24730  |
| Stddev | .00190 | .00106 | .022   | .00143 |
| %RSD   | .86966 | .46616 | .3633  | .57931 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .22029 | .22717 | 6.059 | .24628 |
| #2 | .21760 | .22867 | 6.028 | .24831 |

Sample Name: I2873-07A      Acquired: 4/28/2017 15:24:37      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4252.8  | 57881.  | 5190.0  | 76.783 | 3962.8 |
| Stddev    | 9.2     | 194.    | 12.9    | .964   | 12.0   |
| %RSD      | .21593  | .33547  | .24851  | 1.2557 | .30257 |
| #1        | 4246.3  | 58018.  | 5180.9  | 77.465 | 3954.3 |
| #2        | 4259.3  | 57744.  | 5199.2  | 76.101 | 3971.3 |

Sample Name: I2873-09      Acquired: 4/28/2017 15:28:39      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00117 | .00458 | .00074 | .00218 | .00045 | .02584 | .04858 | .00014 |
| Stddev | .00188 | .00118 | .00129 | .00007 | .00190 | .00072 | .00069 | .00001 |
| %RSD   | 160.31 | 25.719 | 174.41 | 3.3230 | 418.56 | 2.7798 | 1.4265 | 5.6378 |

|    |         |         |         |        |         |        |        |         |
|----|---------|---------|---------|--------|---------|--------|--------|---------|
| #1 | -.00250 | -.00375 | .00017  | .00223 | -.00180 | .02533 | .04809 | -.00014 |
| #2 | .00016  | -.00541 | -.00165 | .00213 | .00089  | .02635 | .04907 | -.00013 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00009 | 16.938 | .00048 | .00049 | .00076 | .00330 | .03071 | 5.0010 |
| Stddev | .00001 | .043   | .00042 | .00016 | .00038 | .00237 | .00027 | .0490  |
| %RSD   | 9.9638 | .25244 | 87.338 | 31.906 | 49.600 | 71.726 | .86485 | .97929 |

|    |         |        |        |         |         |         |        |        |
|----|---------|--------|--------|---------|---------|---------|--------|--------|
| #1 | -.00008 | 16.908 | .00078 | -.00060 | -.00049 | -.00163 | .03090 | 4.9664 |
| #2 | -.00009 | 16.968 | .00018 | -.00038 | -.00103 | -.00497 | .03052 | 5.0356 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00050 | .00008 | 27.173 | .00096 | .01209 | 2.3288 | .00302 | .07248 |
| Stddev | .00042 | .00001 | .073   | .00005 | .00014 | .0629  | .00000 | .00496 |
| %RSD   | 83.653 | 8.5888 | .26692 | 5.1542 | 1.1198 | 2.7010 | .11411 | 6.8432 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .00020 | -.00009 | 27.122 | .00092 | .01219 | 2.2843 | .00302 | .06898 |
| #2 | .00080 | -.00008 | 27.225 | .00099 | .01200 | 2.3733 | .00302 | .07599 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.5466 | 1.6187 | .00015 | .00503 | .00572 | .0003  | .08751 |
| Stddev | .0050  | .0004  | .00009 | .00108 | .00090 | .0002  | .00003 |
| %RSD   | .11023 | .02720 | 60.407 | 21.533 | 15.805 | 70.77  | .03537 |

|    |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|-------|--------|
| #1 | 4.5501 | 1.6190 | .00022 | .00579 | .00636 | .0005 | .08753 |
| #2 | 4.5430 | 1.6184 | .00009 | .00426 | .00508 | .0002 | .08749 |

Sample Name: I2873-09      Acquired: 4/28/2017 15:28:39      Type: Unk  
 Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4334.7  | 59752.  | 5267.8  | 78.724 | 4166.8 |
| Stddev    | 9.1     | 230.    | 2.4     | .995   | 11.5   |
| %RSD      | .20933  | .38533  | .04486  | 1.2644 | .27520 |
| #1        | 4328.3  | 59589.  | 5266.1  | 78.020 | 4158.7 |
| #2        | 4341.1  | 59914.  | 5269.5  | 79.428 | 4174.9 |

Sample Name: I2895-15      Acquired: 4/28/2017 15:32:48      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00014 | .00447 | .00289 | .00255 | .00238 | .05162 | .11619 | .00016 |
| Stddev | .00234 | .00220 | .00021 | .00088 | .00079 | .00250 | .00039 | .00002 |
| %RSD   | 1702.0 | 49.175 | 7.1244 | 34.570 | 33.147 | 4.8513 | .33928 | 15.610 |

|    |         |         |        |        |         |        |        |         |
|----|---------|---------|--------|--------|---------|--------|--------|---------|
| #1 | -.00179 | -.00603 | .00275 | .00192 | -.00183 | .04985 | .11591 | -.00018 |
| #2 | .00151  | -.00292 | .00304 | .00317 | -.00294 | .05339 | .11647 | -.00014 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00011 | 3.5399 | .00016 | .00030 | .00307 | .02813 | .27452 | 2.0356 |
| Stddev | .00005 | .0153  | .00055 | .00005 | .00010 | .00534 | .00010 | .0165  |
| %RSD   | 42.772 | .17872 | 338.68 | 17.300 | 3.4081 | 18.963 | .03533 | .80879 |

|    |         |        |         |        |        |        |        |        |
|----|---------|--------|---------|--------|--------|--------|--------|--------|
| #1 | -.00014 | 8.5507 | .00023  | .00027 | .00300 | .02436 | .27459 | 2.0240 |
| #2 | -.00008 | 8.5291 | -.00055 | .00034 | .00315 | .03191 | .27445 | 2.0472 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00319 | .00015 | 261.44 | .00032 | .02324 | .25560 | .00053 | .00470 |
| Stddev | .00059 | .00002 | 2.16   | .00022 | .00011 | .04835 | .00008 | .01578 |
| %RSD   | 18.403 | 13.435 | .82807 | 70.041 | .49191 | 18.916 | 15.719 | 335.67 |

|    |        |         |        |        |        |        |        |         |
|----|--------|---------|--------|--------|--------|--------|--------|---------|
| #1 | .00361 | -.00017 | 262.97 | .00016 | .02332 | .22142 | .00059 | -.00646 |
| #2 | .00278 | -.00014 | 259.91 | .00048 | .02316 | .28979 | .00047 | .01586  |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .08596 | .04872 | .00166 | .00328 | .00291 | .0039  | .04619 |
| Stddev | .00041 | .00089 | .00006 | .00069 | .00305 | .0005  | .00023 |
| %RSD   | .47736 | 1.8290 | 3.5168 | 21.033 | 104.97 | 12.87  | .49281 |

|    |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|-------|--------|
| #1 | .08625 | .04809 | .00170 | .00377 | .00075 | .0042 | .04603 |
| #2 | .08567 | .04935 | .00162 | .00280 | .00507 | .0035 | .04635 |

Sample Name: I2895-15      Acquired: 4/28/2017 15:32:48      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4226.0  | 57239.  | 5233.1  | 75.316 | 3936.7 |
| Stddev    | 6.2     | 242.    | 33.2    | .215   | 3.9    |
| %RSD      | .14777  | .42351  | .63465  | .28592 | .09966 |
| #1        | 4221.5  | 57067.  | 5209.6  | 75.164 | 3933.9 |
| #2        | 4230.4  | 57410.  | 5256.6  | 75.468 | 3939.5 |

Sample Name: I2895-16      Acquired: 4/28/2017 15:37:04      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00104 | .00630 | .00369 | .00164 | .00152 | .41246 | .09878 | .00013 |
| Stddev | .00029 | .00059 | .00003 | .00041 | .00045 | .01099 | .00034 | .00004 |
| %RSD   | 28.032 | 9.2998 | .73135 | 25.233 | 29.785 | 2.6633 | .34221 | 30.948 |

|    |         |         |        |        |         |        |        |         |
|----|---------|---------|--------|--------|---------|--------|--------|---------|
| #1 | -.00083 | -.00589 | .00371 | .00193 | -.00184 | .42023 | .09902 | -.00010 |
| #2 | -.00124 | -.00672 | .00367 | .00135 | -.00120 | .40469 | .09854 | -.00016 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00005 | 3.1566 | .00088 | .00024 | .00668 | .23802 | .07396 | 1.9426 |
| Stddev | .00004 | .0032  | .00032 | .00012 | .00063 | .00812 | .00004 | .0313  |
| %RSD   | 78.849 | .03916 | 36.298 | 50.486 | 9.4968 | 3.4123 | .05204 | 1.6131 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00002 | 8.1543 | .00111 | .00015 | .00713 | .24377 | .07399 | 1.9648 |
| #2 | .00008 | 8.1589 | .00066 | .00032 | .00623 | .23228 | .07394 | 1.9204 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00294 | .00028 | 291.91 | .00109 | .02475 | .85149 | .00030 | .01173 |
| Stddev | .00019 | .00004 | 1.12   | .00027 | .00008 | .03967 | .00015 | .03378 |
| %RSD   | 6.4485 | 13.203 | .38261 | 24.822 | .31116 | 4.6586 | 50.616 | 287.99 |

|    |        |        |        |        |        |        |        |         |
|----|--------|--------|--------|--------|--------|--------|--------|---------|
| #1 | .00281 | .00026 | 292.70 | .00090 | .02481 | .82344 | .00019 | .03562  |
| #2 | .00307 | .00031 | 291.12 | .00128 | .02470 | .87954 | .00041 | -.01216 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .10718 | .81368 | .00052 | .01658 | .00338 | .1369  | .02291 |  |
| Stddev | .00253 | .01047 | .00038 | .00377 | .00139 | .0004  | .00011 |  |
| %RSD   | 2.3651 | 1.2868 | 73.134 | 22.710 | 41.250 | .3231  | .47909 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | .10897 | .82108 | .00025 | .01392 | .00436 | .1366 | .02283 |  |
| #2 | .10538 | .80628 | .00079 | .01925 | .00239 | .1372 | .02299 |  |



Sample Name: I2895-16      Acquired: 4/28/2017 15:37:04      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4249.3  | 57419.  | 5245.1  | 77.289 | 3949.9 |
| Stddev    | 9.2     | 314.    | 28.0    | .652   | 11.4   |
| %RSD      | .21731  | .54663  | .53471  | .84419 | .28769 |
| #1        | 4242.8  | 57197.  | 5225.3  | 76.827 | 3941.9 |
| #2        | 4255.9  | 57641.  | 5265.0  | 77.750 | 3958.0 |

Sample Name: I2895-17      Acquired: 4/28/2017 15:41:20      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00436 | .00585 | .04558 | .00586 | .00141 | .07237 | .16418 | .00007 |
| Stddev | .00302 | .00034 | .00132 | .00094 | .00257 | .00300 | .00022 | .00001 |
| %RSD   | 69.402 | 5.7880 | 2.8981 | 16.113 | 182.84 | 4.1514 | .13184 | 9.7162 |

|    |        |         |        |        |         |        |        |        |
|----|--------|---------|--------|--------|---------|--------|--------|--------|
| #1 | .00649 | -.00561 | .04465 | .00519 | .00041  | .07025 | .16434 | .00007 |
| #2 | .00222 | -.00609 | .04652 | .00653 | -.00322 | .07450 | .16403 | .00006 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00030 | 29.894 | .00049 | .00796 | .00273 | 3.3406 | .78456 | 2.2318 |
| Stddev | .00005 | .079   | .00015 | .00002 | .00016 | .1812  | .00053 | .0097  |
| %RSD   | 15.388 | .26307 | 31.180 | .28323 | 6.0467 | 1.9399 | .06715 | .43468 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | -.00026 | 29.838 | .00060 | .00797 | .00261 | 9.2125 | .78419 | 2.2386 |
| #2 | -.00033 | 29.950 | .00038 | .00794 | .00284 | 9.4687 | .78494 | 2.2249 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01731 | .00087 | 257.82 | .00211 | .04031 | .91918 | .00033 | .02185 |
| Stddev | .00042 | .00015 | 3.15   | .00001 | .00049 | .01928 | .00041 | .02339 |
| %RSD   | 2.4063 | 16.865 | 1.2232 | .51607 | 1.2145 | 2.0975 | 124.64 | 107.05 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .01761 | -.00097 | 260.05 | .00210 | .03996 | .90555 | .00062 | .00531 |
| #2 | .01702 | -.00077 | 255.59 | .00212 | .04065 | .93281 | .00004 | .03839 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .14681 | .26841 | .00103 | .00393 | .00373 | .0168  | .08943 |  |
| Stddev | .00299 | .00233 | .00053 | .00129 | .00138 | .0017  | .00009 |  |
| %RSD   | 2.0388 | .86744 | 51.567 | 32.754 | 37.079 | 10.01  | .10541 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | .14470 | .27006 | .00140 | .00302 | .00275 | .0180 | .08936 |  |
| #2 | .14893 | .26676 | .00065 | .00484 | .00471 | .0156 | .08950 |  |

Sample Name: I2895-17      Acquired: 4/28/2017 15:41:20      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4244.4  | 57756.  | 5295.6  | 77.632 | 3944.1 |
| Stddev    | 14.3    | 69.     | 36.2    | .759   | 8.4    |
| %RSD      | .33706  | .11929  | .68427  | .97709 | .21339 |
| #1        | 4234.3  | 57707.  | 5270.0  | 78.168 | 3938.1 |
| #2        | 4254.5  | 57804.  | 5321.2  | 77.095 | 3950.0 |

Sample Name: I2895-18      Acquired: 4/28/2017 15:45:35      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01131 | .00541 | .04851 | .00309 | .00073 | .08539 | .13936 | .00001 |
| Stddev | .00074 | .00145 | .00098 | .00015 | .00021 | .00109 | .00025 | .00001 |
| %RSD   | 6.5254 | 26.809 | 2.0128 | 4.8756 | 28.065 | 1.2718 | .17929 | 129.43 |

|    |        |         |        |        |        |        |        |         |
|----|--------|---------|--------|--------|--------|--------|--------|---------|
| #1 | .01183 | -.00644 | .04920 | .00298 | .00059 | .08463 | .13954 | .00000  |
| #2 | .01079 | -.00439 | .04782 | .00319 | .00088 | .08616 | .13919 | -.00001 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00002 | 16.501 | .00042 | .00550 | .00328 | 3.5209 | .37351 | 1.5352 |
| Stddev | .00007 | .071   | .00011 | .00005 | .00003 | .0984  | .00025 | .0300  |
| %RSD   | 416.34 | .42738 | 25.301 | .94910 | .87346 | 2.7957 | .06689 | 1.9560 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | -.00006 | 16.451 | .00049 | .00547 | .00330 | 3.4513 | .37333 | 1.5140 |
| #2 | .00003  | 16.550 | .00034 | .00554 | .00326 | 3.5906 | .37369 | 1.5565 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02544 | .00003 | 244.98 | .00090 | .15111 | .70902 | .00076 | .01965 |
| Stddev | .00029 | .00012 | 1.65   | .00015 | .00546 | .00001 | .00002 | .00112 |
| %RSD   | 1.1554 | 340.46 | .67383 | 17.158 | 3.6124 | .00087 | 2.3009 | 5.7208 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .02565 | .00012  | 246.15 | .00101 | .14725 | .70902 | .00075 | .01886 |
| #2 | .02523 | -.00005 | 243.82 | .00079 | .15497 | .70902 | .00077 | .02045 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .21794 | .32329 | .00102 | .00476 | .00566 | .0051  | .09565 |
| Stddev | .00481 | .00901 | .00019 | .00174 | .00069 | .0008  | .00016 |
| %RSD   | 2.2062 | 2.7879 | 18.369 | 36.548 | 12.114 | 15.54  | .16683 |

|    |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|-------|--------|
| #1 | .22134 | .31692 | .00115 | .00599 | .00518 | .0045 | .09553 |
| #2 | .21454 | .32967 | .00089 | .00353 | .00615 | .0056 | .09576 |

Sample Name: I2895-18      Acquired: 4/28/2017 15:45:35      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4249.5  | 57983.  | 5307.6  | 77.821 | 3956.2 |
| Stddev    | 60.9    | 101.    | 41.3    | 3.083  | 53.5   |
| %RSD      | 1.4340  | .17478  | .77811  | 3.9618 | 1.3523 |
|           |         |         |         |        |        |
| #1        | 4206.4  | 57912.  | 5336.8  | 80.001 | 3918.3 |
| #2        | 4292.6  | 58055.  | 5278.4  | 75.641 | 3994.0 |

Sample Name: I2895-19      Acquired: 4/28/2017 15:49:44      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00507 | .00510 | .02137 | .00427 | .00059 | .07037 | .10957 | .00003 |
| Stddev | .00026 | .00031 | .00040 | .00044 | .00044 | .00322 | .00042 | .00004 |
| %RSD   | 5.1913 | 6.0112 | 1.8510 | 10.330 | 75.324 | 4.5820 | .37975 | 140.01 |

|    |        |         |        |        |        |        |        |         |
|----|--------|---------|--------|--------|--------|--------|--------|---------|
| #1 | .00489 | -.00488 | .02165 | .00458 | .00090 | .07265 | .10987 | .00000  |
| #2 | .00526 | -.00531 | .02109 | .00395 | .00027 | .06809 | .10928 | -.00006 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00000 | 5.4376 | .00034 | .00248 | .00357 | 4.2784 | .21030 | 1.1550 |
| Stddev | .0001  | .0354  | .00026 | .00004 | .00059 | .0399  | .00044 | .0363  |
| %RSD   | 1257.8 | .65074 | 75.066 | 1.7889 | 16.658 | .93294 | .20831 | 3.1410 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | -.00004 | 5.4626 | .00052 | .00244 | .00315 | 4.2502 | .20999 | 1.1807 |
| #2 | .00003  | 5.4126 | .00016 | .00251 | .00399 | 4.3067 | .21061 | 1.1294 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01603 | .00030 | 268.00 | .00084 | .09711 | .44100 | .00080 | .00882 |
| Stddev | .00019 | .00006 | 3.54   | .00002 | .00019 | .05013 | .00022 | .00106 |
| %RSD   | 1.2083 | 20.891 | 1.3221 | 2.9033 | .19751 | 11.367 | 27.590 | 11.982 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .01616 | -.00034 | 270.50 | .00086 | .09725 | .47644 | .00065 | .00957 |
| #2 | .01589 | -.00026 | 265.49 | .00083 | .09698 | .40555 | .00096 | .00807 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .08470 | .16231 | .00175 | .00566 | .00689 | .0024  | .02682 |  |
| Stddev | .00009 | .00194 | .00000 | .00134 | .00125 | .0011  | .00018 |  |
| %RSD   | .10415 | 1.1944 | .18646 | 23.665 | 18.157 | 46.76  | .65524 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | .08476 | .16094 | .00175 | .00661 | .00777 | .0032 | .02669 |  |
| #2 | .08464 | .16369 | .00175 | .00471 | .00600 | .0016 | .02694 |  |

Sample Name: I2895-19      Acquired: 4/28/2017 15:49:44      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4245.9  | 57415.  | 5211.1  | 78.339 | 3960.4 |
| Stddev    | 13.4    | 92.     | 41.6    | .112   | 7.4    |
| %RSD      | .31524  | .16083  | .79911  | .14360 | .18657 |
| #1        | 4255.3  | 57350.  | 5181.6  | 78.418 | 3965.6 |
| #2        | 4236.4  | 57481.  | 5240.5  | 78.259 | 3955.1 |

Sample Name: I2895-20      Acquired: 4/28/2017 15:53:57      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00254 | .00474 | .00868 | .00250 | .00061 | .08233 | .16144 | .00003 |
| Stddev | .00158 | .00250 | .00010 | .00103 | .00144 | .00567 | .00191 | .00008 |
| %RSD   | 62.181 | 52.857 | 1.1478 | 41.154 | 237.15 | 6.8862 | 1.1836 | 287.05 |

|    |        |         |        |        |         |        |        |         |
|----|--------|---------|--------|--------|---------|--------|--------|---------|
| #1 | .00143 | -.00297 | .00875 | .00177 | -.00163 | .07832 | .16008 | .00009  |
| #2 | .00366 | -.00651 | .00861 | .00323 | .00041  | .08634 | .16279 | -.00003 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00024 | 3.0739 | .00044 | .00386 | .00316 | 7.5890 | .40869 | 1.2039 |
| Stddev | .00001 | .0674  | .00058 | .00015 | .00038 | .3612  | .00194 | .0645  |
| %RSD   | 5.3450 | 1.1095 | 130.39 | 3.9971 | 12.024 | 4.7598 | .47400 | 5.3540 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | -.00024 | 6.0263 | .00085 | .00397 | .00343 | 7.3335 | .40732 | 1.2495 |
| #2 | -.00025 | 6.1216 | .00003 | .00375 | .00289 | 7.8444 | .41006 | 1.1583 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .03942 | .00039 | 281.86 | .00056 | .03993 | .52254 | .00062 | .01258 |
| Stddev | .00017 | .00040 | 3.37   | .00031 | .00215 | .01546 | .00028 | .00255 |
| %RSD   | .43794 | 103.17 | 1.1938 | 55.227 | 5.3881 | 2.9584 | 45.843 | 20.266 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .03954 | -.00011 | 279.48 | .00034 | .03841 | .51161 | .00042 | .01078 |
| #2 | .03929 | -.00067 | 284.24 | .00078 | .04145 | .53347 | .00082 | .01439 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .06226 | .20761 | .00146 | .00626 | .00678 | .0014  | .02661 |
| Stddev | .00214 | .00048 | .00116 | .00022 | .00087 | .0001  | .00037 |
| %RSD   | 3.4385 | .23206 | 79.592 | 3.5047 | 12.858 | 10.02  | 1.3896 |

|    |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|-------|--------|
| #1 | .06377 | .20795 | .00064 | .00610 | .00616 | .0015 | .02634 |
| #2 | .06074 | .20727 | .00228 | .00641 | .00739 | .0013 | .02687 |



Sample Name: I2895-20      Acquired: 4/28/2017 15:53:57      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4280.2  | 57829.  | 5302.9  | 30.152 | 3978.7 |
| Stddev    | 33.0    | 90.     | 25.0    | 3.571  | 24.7   |
| %RSD      | .77180  | .15535  | .47222  | 4.4551 | .62086 |
| #1        | 4256.9  | 57892.  | 5320.6  | 82.677 | 3961.2 |
| #2        | 4303.6  | 57765.  | 5285.2  | 77.627 | 3996.1 |

Sample Name: I2895-21      Acquired: 4/28/2017 15:58:11      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00706 | .00369 | .01360 | .00448 | .00034 | .04146 | .09495 | .00011 |
| Stddev | .00152 | .00064 | .00060 | .00076 | .00200 | .00392 | .00036 | .00003 |
| %RSD   | 21.526 | 17.321 | 4.4082 | 16.984 | 595.43 | 9.4635 | .38346 | 25.665 |

|    |        |         |        |        |         |        |        |         |
|----|--------|---------|--------|--------|---------|--------|--------|---------|
| #1 | .00598 | -.00324 | .01402 | .00394 | .00175  | .03869 | .09520 | -.00009 |
| #2 | .00813 | -.00414 | .01317 | .00501 | -.00108 | .04424 | .09469 | -.00013 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00021 | 3.3591 | .00017 | .00034 | .00209 | 5.9026 | .34142 | 1.4191 |
| Stddev | .00003 | .0085  | .00004 | .00012 | .00007 | .0688  | .00169 | .0109  |
| %RSD   | 14.844 | .13415 | 24.655 | 36.306 | 3.2897 | 1.1649 | .49371 | .76659 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | -.00023 | 6.3651 | .00014 | .00043 | .00213 | 5.8539 | .34261 | 1.4114 |
| #2 | -.00019 | 6.3530 | .00020 | .00025 | .00204 | 5.9512 | .34023 | 1.4268 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00727 | .00092 | 252.14 | .00093 | .04836 | .45795 | .00038 | .01783 |
| Stddev | .00001 | .00028 | .07    | .00016 | .00051 | .01022 | .00012 | .00826 |
| %RSD   | .15590 | 30.107 | .02821 | 17.231 | 1.0481 | 2.2312 | 31.844 | 46.329 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .00727 | -.00072 | 252.19 | .00082 | .04800 | .46517 | .00029 | .02367 |
| #2 | .00726 | -.00111 | 252.09 | .00105 | .04872 | .45072 | .00047 | .01199 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .06610 | .20058 | .00132 | .00368 | .00540 | .0284  | .03297 |  |
| Stddev | .00139 | .00142 | .00120 | .00325 | .00138 | .0003  | .00003 |  |
| %RSD   | 2.1002 | .70740 | 91.154 | 88.288 | 25.591 | 1.195  | .10445 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | .06708 | .19958 | .00047 | .00138 | .00443 | .0282 | .03294 |  |
| #2 | .06512 | .20159 | .00217 | .00598 | .00638 | .0287 | .03299 |  |

Sample Name: I2895-21      Acquired: 4/28/2017 15:58:11      Type: Unk  
 Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4292.3  | 58518.  | 5332.6  | 79.175 | 4008.0 |
| Stddev    | 2.2     | 254.    | 20.0    | .685   | 11.5   |
| %RSD      | .05122  | .43439  | .37454  | .86468 | .28695 |
|           |         |         |         |        |        |
| #1        | 4290.8  | 58339.  | 5318.4  | 79.659 | 3999.8 |
| #2        | 4293.9  | 58698.  | 5346.7  | 78.691 | 4016.1 |

Sample Name: CCV05      Acquired: 4/28/2017 16:02:24      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV05      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.8447 | 4.7411 | 4.7611 | 4.8664 | 4.8227 | 9.3352 | 9.8837 | 2.4573 | 2.4003 |
| Stddev | .0217  | .0103  | .0025  | .0138  | .0047  | .0156  | .0143  | .00007 | .0016  |
| %RSD   | .44702 | .21790 | .05159 | .28342 | .09859 | .16718 | .14479 | .02997 | .06499 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 4.8601 | 4.7484 | 4.7629 | 4.8762 | 4.8261 | 9.3462 | 9.8736 | 2.4578 | 2.4014 |
| #2 | 4.8294 | 4.7338 | 4.7594 | 4.8566 | 4.8194 | 9.3242 | 9.8938 | 2.4567 | 2.3992 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 24.165 | .95043 | 2.3873 | 1.2009 | 4.7527 | 2.4781 | 23.965 | 2.3905 | 1.1843 |
| Stddev | .016   | .00054 | .0018  | .0016  | .0386  | .0022  | .091   | .0014  | .0005  |
| %RSD   | .06476 | .05724 | .07555 | .13001 | .81257 | .08977 | .38079 | .06072 | .04000 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 24.176 | .95004 | 2.3886 | 1.2020 | 4.7800 | 2.4797 | 24.030 | 2.3895 | 1.1840 |
| #2 | 24.154 | .95081 | 2.3860 | 1.1998 | 4.7254 | 2.4766 | 23.901 | 2.3915 | 1.1847 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 23.381 | 2.4046 | 2.4426 | 24.497 | 4.8813 | 4.6867 | 4.8152 | 4.7643 | 4.7870 |
| Stddev | .024   | .0010  | .0417  | .016   | .0094  | .0067  | .0001  | .0043  | .0064  |
| %RSD   | .10464 | .04215 | 1.7049 | .06416 | .19338 | .14335 | .00290 | .08911 | .13322 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 23.364 | 2.4053 | 2.4721 | 24.486 | 4.8880 | 4.6914 | 4.8153 | 4.7613 | 4.7915 |
| #2 | 23.399 | 2.4038 | 2.4132 | 24.509 | 4.8746 | 4.6819 | 4.8151 | 4.7673 | 4.7825 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.8134 | 4.9108 | 5.001  | 4.8453 |
| Stddev | .0004  | .0011  | .001   | .0034  |
| %RSD   | .00916 | .02242 | .0210  | .06988 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 4.8130 | 4.9116 | 5.002 | 4.8477 |
| #2 | 4.8137 | 4.9101 | 5.001 | 4.8429 |

Sample Name: CCV05      Acquired: 4/28/2017 16:02:24      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV05      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4352.7  | 59307.  | 5342.4  | 75.479 | 3933.6 |
| Stddev    | 2.4     | 38.     | 15.4    | 1.210  | 2.8    |
| %RSD      | .05534  | .06337  | .28879  | 1.6034 | .07244 |
| #1        | 4351.0  | 59281.  | 5331.5  | 74.623 | 3935.6 |
| #2        | 4354.4  | 59334.  | 5353.4  | 76.335 | 3931.6 |

Sample Name: CCB05      Acquired: 4/28/2017 16:06:15      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB05      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00111 | .00119 | .00055 | .00052 | .00150 | .00711 | .00275 | .00003 |
| Stddev | .00240 | .00064 | .00045 | .00028 | .00092 | .00007 | .00012 | .00001 |
| %RSD   | 216.18 | 54.036 | 82.708 | 54.410 | 61.005 | 1.0229 | 4.4162 | 36.298 |

|    |         |         |         |        |        |        |        |         |
|----|---------|---------|---------|--------|--------|--------|--------|---------|
| #1 | -.00059 | -.00165 | -.00023 | .00073 | .00085 | .00706 | .00266 | -.00002 |
| #2 | .00280  | -.00074 | -.00087 | .00032 | .00215 | .00716 | .00283 | -.00004 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00007 | .00565 | .00027 | .00002 | .00060 | .01969 | .00017 | .01701 |
| Stddev | .00002 | .02651 | .00011 | .00001 | .00034 | .02790 | .00003 | .02457 |
| %RSD   | 22.598 | 469.03 | 40.601 | 43.800 | 56.492 | 141.70 | 20.390 | 144.40 |

|    |         |         |         |        |         |         |         |         |
|----|---------|---------|---------|--------|---------|---------|---------|---------|
| #1 | -.00006 | .02440  | -.00019 | .00002 | -.00036 | .00004  | -.00019 | -.03438 |
| #2 | -.00009 | -.01310 | -.00035 | .00003 | -.00084 | -.03942 | -.00014 | .00036  |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00000 | .00030 | .07305 | .00002 | .00047 | .05422 | .00095 | .01600 |
| Stddev | .0001  | .00036 | .00151 | .00049 | .00003 | .00510 | .00026 | .00956 |
| %RSD   | 19835. | 117.75 | 2.0730 | 2127.2 | 7.3260 | 9.4006 | 27.759 | 59.756 |

|    |         |        |        |         |         |        |        |        |
|----|---------|--------|--------|---------|---------|--------|--------|--------|
| #1 | -.00008 | .00005 | .07412 | -.00032 | -.00049 | .05783 | .00114 | .02276 |
| #2 | .00008  | .00056 | .07198 | .00037  | -.00044 | .05062 | .00076 | .00924 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00861 | .00706 | .00001 | .00338 | .00209 | .0008  | .00012 |
| Stddev | .00107 | .00040 | .00020 | .00063 | .00159 | .0000  | .00006 |
| %RSD   | 12.436 | 5.6037 | 1477.5 | 18.598 | 75.897 | 4.868  | 49.532 |

|    |         |         |         |        |         |        |        |
|----|---------|---------|---------|--------|---------|--------|--------|
| #1 | -.00785 | -.00734 | .00015  | .00382 | -.00097 | -.0008 | .00016 |
| #2 | -.00937 | -.00678 | -.00013 | .00293 | -.00322 | -.0008 | .00008 |

Sample Name: CCB05      Acquired: 4/28/2017 16:06:15      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB05      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4375.1  | 59441.  | 5323.6  | 78.534 | 4054.7 |
| Stddev    | 16.6    | 292.    | 18.0    | 1.257  | 18.4   |
| %RSD      | .37969  | .49122  | .33720  | 1.6002 | .45374 |
| #1        | 4363.3  | 59234.  | 5336.3  | 77.645 | 4041.7 |
| #2        | 4386.8  | 59647.  | 5310.9  | 79.423 | 4067.7 |

Sample Name: PB98542BL      Acquired: 4/28/2017 16:22:25      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00020 | .00040 | .00008 | .00225 | .00073 | .00184 | .00194 | .00000 |
| Stddev | .00203 | .00165 | .00020 | .00099 | .00201 | .00847 | .00048 | .00000 |
| %RSD   | 1010.7 | 414.72 | 239.52 | 43.953 | 274.97 | 459.37 | 24.635 | 162.48 |

|    |         |         |         |        |         |         |        |        |
|----|---------|---------|---------|--------|---------|---------|--------|--------|
| #1 | -.00164 | .00077  | -.00006 | .00295 | .00069  | .00783  | .00160 | .00000 |
| #2 | .00124  | -.00156 | .00022  | .00155 | -.00216 | -.00415 | .00228 | .00000 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00001 | .02383 | .00007 | .00020 | .00014 | .02064 | .00033 | .03695 |
| Stddev | .00005 | .01146 | .00029 | .00005 | .00030 | .00686 | .00000 | .04141 |
| %RSD   | 430.95 | 48.078 | 431.62 | 23.704 | 206.09 | 33.213 | 1.1343 | 112.06 |

|    |         |        |         |         |         |         |         |         |
|----|---------|--------|---------|---------|---------|---------|---------|---------|
| #1 | -.00005 | .03193 | -.00027 | -.00016 | -.00035 | -.01579 | -.00032 | -.00767 |
| #2 | .00003  | .01573 | .00014  | -.00023 | .00007  | -.02549 | -.00033 | -.06623 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00010 | .00000 | .02253 | .00000 | .00058 | .06010 | .00031 | .01173 |
| Stddev | .00026 | .00018 | .00248 | .0002  | .00010 | .00528 | .00020 | .00403 |
| %RSD   | 265.91 | 3670.7 | 10.999 | 6080.7 | 17.285 | 8.7885 | 64.945 | 34.381 |

|    |         |         |        |         |         |        |        |        |
|----|---------|---------|--------|---------|---------|--------|--------|--------|
| #1 | .00029  | .00013  | .02078 | .00017  | -.00051 | .06383 | .00045 | .00888 |
| #2 | -.00009 | -.00012 | .02429 | -.00017 | -.00065 | .05637 | .00017 | .01459 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00957 | .00842 | .00107 | .00340 | .00497 | .0017  | .00004 |
| Stddev | .00186 | .00273 | .00005 | .00309 | .00101 | .0009  | .00005 |
| %RSD   | 19.427 | 32.404 | 4.6698 | 91.008 | 20.337 | 53.49  | 128.79 |

|    |         |         |         |        |         |        |        |
|----|---------|---------|---------|--------|---------|--------|--------|
| #1 | -.01088 | -.00649 | -.00111 | .00121 | -.00568 | -.0024 | .00000 |
| #2 | -.00825 | -.01035 | -.00104 | .00559 | -.00425 | -.0011 | .00008 |



Sample Name: PB98542BL      Acquired: 4/28/2017 16:22:25      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4321.4  | 59254.  | 5343.4  | 79.420 | 4013.5 |
| Stddev    | 31.2    | 442.    | .5      | 1.244  | 29.7   |
| %RSD      | .72307  | .74578  | .00854  | 1.5662 | .73915 |
| #1        | 4343.5  | 58942.  | 5343.7  | 78.541 | 4034.5 |
| #2        | 4299.3  | 59567.  | 5343.0  | 80.300 | 3992.5 |

Sample Name: PB98542BS      Acquired: 4/28/2017 16:26:31      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |          |        |        |        |
|--------|--------|--------|--------|----------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960   | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm      | ppm    | ppm    | ppm    |
| Avg    | .76163 | 1.9334 | .98438 | 1.7262   | .75448 | 1.9979 | .22361 |
| Stddev | .00445 | .0064  | .00311 | .0125    | .00084 | .0230  | .00191 |
| %RSD   | .58406 | .32940 | .31553 | .72476   | .11101 | 1.1531 | .85210 |
| #1     | .75848 | 1.9289 | .98218 | 1.7173   | .75389 | 2.0142 | .22496 |
| #2     | .76477 | 1.9379 | .98657 | 1.7350   | .75507 | 1.9816 | .22226 |
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677   | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm      | ppm    | ppm    | ppm    |
| Avg    | .19268 | .19813 | 1.1187 | .41931   | .21017 | .32346 | 3.0792 |
| Stddev | .00173 | .00107 | .0040  | .00405   | .00132 | .00095 | .0108  |
| %RSD   | .89908 | .54240 | .35308 | .96524   | .62650 | .29243 | .35129 |
| #1     | .19391 | .19737 | 1.1215 | .42217   | .20924 | .32279 | 3.0716 |
| #2     | .19146 | .19889 | 1.1159 | .41645   | .21110 | .32413 | 3.0869 |
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280   | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm      | ppm    | ppm    | ppm    |
| Avg    | .21942 | 2.1135 | .51685 | .07039   | 3.2052 | .31346 | .20100 |
| Stddev | .00209 | .0037  | .00377 | .00066   | .0247  | .00073 | .00284 |
| %RSD   | .95417 | .17673 | .72962 | .93371   | .77042 | .23148 | 1.4119 |
| #1     | .22090 | 2.1161 | .51418 | .07086   | 3.2226 | .31397 | .19899 |
| #2     | .21794 | 2.1109 | .51951 | .06993   | 3.1877 | .31295 | .20301 |
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820   | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm      | ppm    | ppm    | ppm    |
| Avg    | 10.648 | .43194 | .32870 | F .00978 | .87841 | .69154 | .21154 |
| Stddev | .045   | .00168 | .01582 | .00088   | .01139 | .00531 | .00302 |
| %RSD   | .42073 | .38790 | 4.8144 | 8.9578   | 1.2967 | .76848 | 1.4267 |
| #1     | 10.680 | .43075 | .33989 | -.01040  | .88646 | .68778 | .21368 |
| #2     | 10.616 | .43312 | .31751 | -.00916  | .87035 | .69530 | .20941 |

Sample Name: PB98542BS      Acquired: 4/28/2017 16:26:31      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                     |        |        |
|--------|---------------------|--------|--------|
| Elem   | Li6707              | P_1774 | Sr4077 |
| Units  | ppm                 | ppm    | ppm    |
| Avg    | <del>F</del> .02349 | 5.544  | .21242 |
| Stddev | .00025              | .034   | .00221 |
| %RSD   | 1.0459              | .6188  | 1.0424 |

|    |        |       |        |
|----|--------|-------|--------|
| #1 | .02332 | 5.520 | .21398 |
| #2 | .02366 | 5.568 | .21085 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4357.2  | 50498.  | 5296.1  | 78.616 | 4121.0 |
| Stddev    | 2.7     | 648.    | 67.9    | .768   | 1.6    |
| %RSD      | .06243  | 1.0717  | 1.2812  | .97712 | .03830 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 4359.1 | 60040. | 5248.1 | 79.159 | 4122.1 |
| #2 | 4355.3 | 60957. | 5344.0 | 78.073 | 4119.8 |

Sample Name: I2869-01      Acquired: 4/28/2017 16:30:27      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .11023 | .00188 | .51508 | .06806 | .00447 | 46.523 | .70726 | .00271 |
| Stddev | .00067 | .00092 | .00311 | .00205 | .00002 | .233   | .00599 | .00002 |
| %RSD   | .60888 | 49.240 | .60440 | 3.0142 | .35774 | .50183 | .84663 | .89777 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .10976 | .00253 | .51728 | .06951 | .00448 | 46.688 | .71149 | .00272 |
| #2 | .11071 | .00122 | .51288 | .06661 | .00446 | 46.358 | .70302 | .00269 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00274 | 25.793 | .16776 | .05643 | .37090 | 164.71 | 1.2073 | 23.278 |
| Stddev | .00062 | .181   | .00040 | .00021 | .00073 | 6.18   | .0020  | .222   |
| %RSD   | 22.747 | .70181 | .23618 | .37844 | .19787 | 3.7545 | .16800 | .95266 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | -.00318 | 25.921 | .16748 | .05628 | .37142 | 169.08 | 1.2059 | 23.435 |
| #2 | -.00230 | 25.665 | .16804 | .05659 | .37038 | 160.33 | 1.2087 | 23.122 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .14476 | .00939 | 1.1404 | .29819 | .97456 | 21.621 | .01383 | .09997 |
| Stddev | .00036 | .00021 | .0142  | .00077 | .04125 | .080   | .00026 | .02205 |
| %RSD   | .25196 | 2.2104 | 1.2473 | .25715 | 4.2332 | .36942 | 1.9115 | 22.060 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .14502 | -.00925 | 1.1505 | .29765 | 1.0037 | 21.677 | .01401 | .11556 |
| #2 | .14450 | -.00954 | 1.1304 | .29873 | .94539 | 21.564 | .01364 | .08437 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | 4.9161 | 1.3671 | .03457 | 4.5177 | .09382 | 3.974  | .18740 |  |
| Stddev | .0194  | .0149  | .00006 | .0391  | .00078 | .007   | .00172 |  |
| %RSD   | .39390 | 1.0909 | .16506 | .86648 | .83449 | .1792  | .91898 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | 4.9298 | 1.3566 | .03453 | 4.5453 | .09327 | 3.979 | .18862 |  |
| #2 | 4.9024 | 1.3776 | .03461 | 4.4900 | .09438 | 3.969 | .18619 |  |

Sample Name: I2869-01      Acquired: 4/28/2017 16:30:27      Type: Unk  
 Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4618.8  | 33041.  | 5749.0  | 78.221 | 4015.4 |
| Stddev    | 4.2     | 137.    | 47.7    | 2.972  | 2.2    |
| %RSD      | .08989  | .21679  | .82951  | 3.7998 | .05502 |
|           |         |         |         |        |        |
| #1        | 4621.7  | 62944.  | 5715.3  | 76.120 | 4017.0 |
| #2        | 4615.9  | 63137.  | 5782.8  | 80.323 | 4013.9 |

Sample Name: I2869-01DUP      Acquired: 4/28/2017 16:34:27      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .11026 | .00111 | .52230 | .06520 | .00332 | 46.860 | .71432 | .00278 |
| Stddev | .00224 | .00072 | .00481 | .00305 | .00076 | .180   | .00202 | .00008 |
| %RSD   | 2.0348 | 64.412 | .92104 | 4.6782 | 22.757 | .38465 | .28347 | 3.0377 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .10868 | .00162 | .52570 | .06304 | .00386 | 46.988 | .71288 | .00284 |
| #2 | .11185 | .00061 | .51889 | .06735 | .00279 | 46.733 | .71575 | .00272 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00208 | 25.853 | .16889 | .05734 | .37805 | 160.98 | 1.2166 | 23.350 |
| Stddev | .00047 | .156   | .00059 | .00091 | .00549 | 3.45   | .0009  | .128   |
| %RSD   | 22.577 | .60417 | .34884 | 1.5944 | 1.4517 | 2.1402 | .07186 | .54839 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | -.00174 | 25.743 | .16847 | .05798 | .38193 | 158.55 | 1.2159 | 23.259 |
| #2 | -.00241 | 25.964 | .16931 | .05669 | .37417 | 163.42 | 1.2172 | 23.440 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .14709 | .00999 | 1.1365 | .29961 | .95604 | 21.732 | .01393 | .09608 |
| Stddev | .00188 | .00007 | .0074  | .00021 | .02440 | .031   | .00014 | .00903 |
| %RSD   | 1.2774 | .67128 | .64788 | .06865 | 2.5524 | .14162 | .98431 | 9.4021 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .14842 | -.00994 | 1.1313 | .29947 | .93879 | 21.754 | .01403 | .08970 |
| #2 | .14576 | -.01003 | 1.1417 | .29976 | .97330 | 21.711 | .01383 | .10247 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | 4.9895 | 1.3347 | .03541 | 4.5353 | .09421 | 4.002  | .18787 |  |
| Stddev | .0598  | .0180  | .00013 | .0256  | .00147 | .048   | .00076 |  |
| %RSD   | 1.1990 | 1.3473 | .36078 | .56332 | 1.5628 | 1.191  | .40277 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | 5.0318 | 1.3220 | .03550 | 4.5172 | .09317 | 4.035 | .18734 |  |
| #2 | 4.9472 | 1.3474 | .03532 | 4.5533 | .09525 | 3.968 | .18841 |  |

Sample Name: I2869-01DUP      Acquired: 4/28/2017 16:34:27      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4546.8  | 32654.  | 5739.3  | 30.127 | 3968.6 |
| Stddev    | 43.8    | 1.      | 62.9    | 2.139  | 39.4   |
| %RSD      | .96362  | .00160  | 1.0957  | 2.6699 | .99227 |
| #1        | 4515.9  | 62654.  | 5783.7  | 81.640 | 3940.8 |
| #2        | 4577.8  | 62655.  | 5694.8  | 78.614 | 3996.5 |

Sample Name: I2869-01LX5      Acquired: 4/28/2017 16:40:13      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02378 | .00192 | .09976 | .00650 | .00002 | 3.2153 | .09861 | .00060 |
| Stddev | .00092 | .00143 | .00340 | .00004 | .00055 | .9667  | .01396 | .00000 |
| %RSD   | 3.8536 | 74.400 | 3.4119 | .55233 | 2615.3 | 15.554 | 14.153 | .03545 |

|    |        |         |        |        |         |        |        |        |
|----|--------|---------|--------|--------|---------|--------|--------|--------|
| #1 | .02313 | -.00293 | .09736 | .00653 | -.00041 | 5.5317 | .08874 | .00060 |
| #2 | .02443 | -.00091 | .10217 | .00648 | .00037  | 6.8989 | .10848 | .00060 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00043 | 3.5441 | .03070 | .01143 | .07966 | 21.501 | .22208 | 3.1854 |
| Stddev | .00021 | .4933  | .00198 | .00029 | .00160 | 2.791  | .01128 | .4914  |
| %RSD   | 49.361 | 13.919 | 6.4355 | 2.5701 | 2.0059 | 12.982 | 5.0793 | 15.425 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00058 | 3.1953 | .02931 | .01122 | .07853 | 19.527 | .21410 | 2.8380 |
| #2 | .00028 | 3.8929 | .03210 | .01164 | .08079 | 23.475 | .23006 | 3.5329 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02904 | .00310 | .14400 | .05396 | .19760 | 2.8753 | .00305 | .01706 |
| Stddev | .00091 | .00024 | .01136 | .00264 | .00066 | .4409  | .00004 | .01043 |
| %RSD   | 3.1193 | 7.8160 | 7.8864 | 4.8857 | .33343 | 15.333 | 1.3653 | 61.107 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .02840 | -.00327 | .13597 | .05210 | .19713 | 2.5635 | .00308 | .00969 |
| #2 | .02968 | -.00293 | .15203 | .05583 | .19806 | 3.1870 | .00302 | .02444 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .94335 | .24655 | .00656 | .61841 | .00786 | .7767  | .02583 |  |
| Stddev | .02618 | .01270 | .00010 | .08894 | .00319 | .0238  | .00374 |  |
| %RSD   | 2.7755 | 5.1510 | 1.4863 | 14.382 | 40.503 | 3.067  | 14.467 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | .92484 | .23757 | .00663 | .55552 | .00561 | .7599 | .02319 |  |
| #2 | .96187 | .25553 | .00650 | .68130 | .01012 | .7936 | .02848 |  |



Sample Name: I2869-01LX5      Acquired: 4/28/2017 16:40:13      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4427.3  | 60179.  | 5369.1  | 77.048 | 4069.3 |
| Stddev    | 4.2     | 185.    | 25.9    | 1.597  | .8     |
| %RSD      | .09556  | .30685  | .48232  | 2.0733 | .01882 |
| #1        | 4424.3  | 60310.  | 5350.8  | 75.918 | 4069.8 |
| #2        | 4430.3  | 60048.  | 5387.4  | 78.177 | 4068.7 |

Sample Name: I2869-01MS      Acquired: 4/28/2017 16:44:22      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .95012 | 2.1332 | 1.6599 | 2.1609 | .82802 | 53.746 | .99213 | .21541 | .21372 |
| Stddev | .00434 | .0012  | .0032  | .0125  | .00575 | .043   | .01884 | .00016 | .00019 |
| %RSD   | .45725 | .05516 | .19483 | .57769 | .69399 | .07939 | 1.8986 | .07562 | .08922 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .94704 | 2.1324 | 1.6576 | 2.1520 | .82396 | 53.776 | .97882 | .21553 | .21359 |
| #2 | .95319 | 2.1341 | 1.6622 | 2.1697 | .83208 | 53.715 | 1.0055 | .21530 | .21386 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 29.303 | .60049 | .28863 | .73434 | 182.54 | 1.5571 | 27.525 | .71705 | .06372 |
| Stddev | .555   | .00209 | .00021 | .00278 | 3.66   | .0049  | .299   | .00029 | .00089 |
| %RSD   | 1.8942 | .34727 | .07115 | .37800 | 2.0033 | .31305 | 1.0866 | .04069 | 1.4046 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 28.910 | .60197 | .28849 | .73238 | 179.96 | 1.5605 | 27.314 | .71685 | .06308 |
| #2 | 29.695 | .59902 | .28878 | .73630 | 185.13 | 1.5536 | 27.737 | .71726 | .06435 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 4.4061 | .64444 | 1.2752 | 34.339 | .44658 | .41343 | 5.5115 | 2.3458 | .79611 |
| Stddev | .0709  | .00497 | .0264  | .606   | .00080 | .02805 | .0153  | .0166  | .00010 |
| %RSD   | 1.6098 | .77075 | 2.0671 | 1.7645 | .17934 | 6.7845 | .27839 | .70796 | .01205 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 4.3560 | .64795 | 1.2566 | 33.910 | .44601 | .39359 | 5.5007 | 2.3340 | .79617 |
| #2 | 4.4563 | .64093 | 1.2939 | 34.767 | .44715 | .43326 | 5.5224 | 2.3575 | .79604 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 5.1916 | .31866 | 10.94  | .41049 |
| Stddev | .1001  | .00681 | .03    | .00774 |
| %RSD   | 1.9288 | 2.1364 | .2972  | 1.8851 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 5.1208 | .31384 | 10.92 | .40502 |
| #2 | 5.2624 | .32347 | 10.96 | .41596 |

Sample Name: I2869-01MS      Acquired: 4/28/2017 16:44:22      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4543.7  | 52443.  | 5754.9  | 79.081 | 3926.6 |
| Stddev    | 4.4     | 229.    | 93.5    | 1.501  | 1.2    |
| %RSD      | .09658  | .36630  | 1.6248  | 1.8984 | .03013 |
| #1        | 4546.8  | 62282.  | 5821.0  | 80.142 | 3927.4 |
| #2        | 4540.6  | 62605.  | 5688.7  | 78.019 | 3925.7 |

Sample Name: I2869-01MSD      Acquired: 4/28/2017 16:48:16      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .94882 | 2.1195 | 1.6473 | 2.1503 | .81476 | 53.954 | 1.0018 | .21515 | .21180 |
| Stddev | .00497 | .0001  | .0013  | .0014  | .00168 | .024   | .0012  | .00063 | .00102 |
| %RSD   | .52351 | .00215 | .08163 | .06491 | .20624 | .04521 | .12336 | .29341 | .48212 |
| #1     | .94531 | 2.1194 | 1.6464 | 2.1494 | .81357 | 53.937 | 1.0027 | .21559 | .21252 |
| #2     | .95234 | 2.1195 | 1.6483 | 2.1513 | .81594 | 53.971 | 1.0009 | .21470 | .21108 |
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 29.507 | .59706 | .28742 | .72921 | 187.23 | 1.5508 | 27.875 | .71318 | .06390 |
| Stddev | .088   | .00254 | .00004 | .00066 | 5.76   | .0033  | .150   | .00010 | .00038 |
| %RSD   | .29787 | .42605 | .01337 | .09030 | 3.0761 | .21425 | .53748 | .01401 | .59751 |
| #1     | 29.569 | .59527 | .28740 | .72968 | 183.15 | 1.5532 | 27.981 | .71311 | .06363 |
| #2     | 29.444 | .59886 | .28745 | .72875 | 191.30 | 1.5485 | 27.769 | .71325 | .06417 |
| 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    | 4.4617 | .63788 | 1.3051 | 34.492 | .43930 | .42241 | 5.4800 | 2.3573 | .78310 |
| Stddev | .0258  | .00052 | .0420  | .015   | .00124 | .01101 | .0097  | .0092  | .00015 |
| %RSD   | .57764 | .08136 | 3.2160 | .04284 | .28306 | 2.6056 | .17673 | .39090 | .01969 |
| #1     | 4.4799 | .63751 | 1.2754 | 34.503 | .44017 | .41463 | 5.4868 | 2.3638 | .78299 |
| #2     | 4.4435 | .63824 | 1.3348 | 34.482 | .43842 | .43019 | 5.4731 | 2.3508 | .78321 |
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |        |        |        |        |        |
| Units  | ppm    | ppm    | ppm    | ppm    |        |        |        |        |        |
| Avg    | 5.2283 | .32376 | 10.87  | .41611 |        |        |        |        |        |
| Stddev | .0212  | .00166 | .01    | .00005 |        |        |        |        |        |
| %RSD   | .40550 | .51217 | .0772  | .01256 |        |        |        |        |        |
| #1     | 5.2433 | .32493 | 10.88  | .41607 |        |        |        |        |        |
| #2     | 5.2133 | .32259 | 10.87  | .41614 |        |        |        |        |        |

Sample Name: I2869-01MSD      Acquired: 4/28/2017 16:48:16      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4560.8  | 52436.  | 5707.1  | 77.077 | 3938.4 |
| Stddev    | 23.5    | 37.     | 2.3     | 2.232  | 19.8   |
| %RSD      | .51607  | .05993  | .04010  | 2.8960 | .50276 |
|           |         |         |         |        |        |
| #1        | 4544.2  | 62463.  | 5708.7  | 78.655 | 3924.4 |
| #2        | 4577.5  | 62410.  | 5705.4  | 75.499 | 3952.4 |

Sample Name: I2869-01A      Acquired: 4/28/2017 16:52:08      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .90817 | 2.0254 | 1.5959 | 2.0531 | .78897 | 52.820 | .98193 | .20546 | .20276 |
| Stddev | .00159 | .0055  | .0034  | .0019  | .00122 | .157   | .00122 | .00072 | .00032 |
| %RSD   | .17466 | .27149 | .21352 | .09136 | .15521 | .29705 | .12389 | .35053 | .15963 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .90705 | 2.0215 | 1.5935 | 2.0544 | .78984 | 52.709 | .98279 | .20495 | .20253 |
| #2 | .90929 | 2.0293 | 1.5983 | 2.0517 | .78811 | 52.931 | .98107 | .20597 | .20299 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 29.026 | .57818 | .27552 | .70719 | 180.06 | 1.5076 | 27.361 | .68501 | .06054 |
| Stddev | .052   | .00249 | .00063 | .00250 | 1.10   | .0017  | .126   | .00146 | .00075 |
| %RSD   | .17964 | .43012 | .22900 | .35314 | .60887 | .11213 | .46153 | .21374 | 1.2336 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 28.989 | .57642 | .27508 | .70896 | 179.28 | 1.5064 | 27.450 | .68397 | .06001 |
| #2 | 29.063 | .57994 | .27597 | .70543 | 180.83 | 1.5088 | 27.271 | .68604 | .06106 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 4.3330 | .62018 | 1.2479 | 33.858 | .42670 | .41574 | 5.4622 | 2.3772 | .75887 |
| Stddev | .0024  | .00126 | .0017  | .005   | .00035 | .00294 | .0150  | .0517  | .00203 |
| %RSD   | .05490 | .20276 | .13736 | .01556 | .08096 | .70766 | .27406 | 2.1761 | .26740 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 4.3313 | .62107 | 1.2491 | 33.855 | .42694 | .41782 | 5.4516 | 2.3406 | .75743 |
| #2 | 4.3347 | .61929 | 1.2467 | 33.862 | .42645 | .41366 | 5.4728 | 2.4138 | .76030 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 5.1305 | .31388 | 10.49  | .40492 |
| Stddev | .0159  | .00231 | .02    | .00036 |
| %RSD   | .31096 | .73545 | .2371  | .08815 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 5.1192 | .31225 | 10.48 | .40517 |
| #2 | 5.1418 | .31551 | 10.51 | .40467 |

Sample Name: I2869-01A      Acquired: 4/28/2017 16:52:08      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4563.1  | 52441.  | 5701.3  | 78.534 | 3951.6 |
| Stddev    | 6.4     | 42.     | 15.1    | .025   | 9.9    |
| %RSD      | .14014  | .06708  | .26560  | .03151 | .25020 |
| #1        | 4558.6  | 62471.  | 5690.6  | 78.551 | 3958.6 |
| #2        | 4567.6  | 62411.  | 5712.0  | 78.516 | 3944.6 |

Sample Name: I2870-01      Acquired: 4/28/2017 16:56:00      Type: Unk  
 Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |        |        |         |        |        |
|--------|--------|--------|--------|--------|--------|---------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961  | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     | ppm    | ppm    |
| Avg    | .14464 | .00370 | .5390  | .10768 | .01564 | .99.185 | 1.8224 | .01038 |
| Stddev | .00205 | .00201 | .0218  | .00966 | .00103 | .296    | .0005  | .00030 |
| %RSD   | 1.4141 | 54.166 | .22856 | 8.9748 | 6.6071 | .29877  | .02622 | 2.9245 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .14319 | .00228 | 9.5235 | .10085 | .01491 | 99.395 | 1.8221 | .01060 |
| #2 | .14608 | .00512 | 9.5544 | .11452 | .01637 | 98.976 | 1.8228 | .01017 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00981 | 250.21 | 1.1795 | .16816 | 1.8739 | 321.77 | 5.4133 | 50.246 |
| Stddev | .00067 | .30    | .0028  | .00040 | .0021  | 9.41   | .0045  | .062   |
| %RSD   | 6.8355 | .11921 | .23457 | .23517 | .11303 | 2.9255 | .08269 | .12265 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .01029 | 250.00 | 1.1814 | .16789 | 1.8724 | 315.12 | 5.4102 | 50.202 |
| #2 | .00934 | 250.42 | 1.1775 | .16844 | 1.8754 | 328.43 | 5.4165 | 50.289 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .66364 | .01131 | 7.1032 | .54357 | 7.4643 | 10.094 | .03834 | .29334 |
| Stddev | .00155 | .00104 | .0025  | .00042 | .2160  | .022   | .00098 | .00530 |
| %RSD   | .23293 | 9.1590 | .03524 | .07768 | 2.8943 | .22022 | 2.5501 | 1.8071 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .66255 | -.01205 | 7.1049 | .54327 | 7.3115 | 10.078 | .03903 | .29709 |
| #2 | .66474 | -.01058 | 7.1014 | .54387 | 7.6171 | 10.109 | .03765 | .28959 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | 187.40 | 3.8053 | .37964 | 4.2210 | .17019 | 6.238  | 1.0395 |  |
| Stddev | .22    | .0066  | .00016 | .0044  | .00024 | .004   | .0012  |  |
| %RSD   | .11743 | .17417 | .04212 | .10466 | .13891 | .0675  | .11278 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | 187.24 | 3.8006 | .37953 | 4.2179 | .17036 | 6.235 | 1.0403 |  |
| #2 | 187.55 | 3.8100 | .37975 | 4.2241 | .17002 | 6.241 | 1.0386 |  |



Sample Name: I2870-01      Acquired: 4/28/2017 16:56:00      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4635.2  | 34669.  | 3132.3  | 76.456 | 3712.5 |
| Stddev    | 1.5     | 141.    | .9      | 2.237  | 6.6    |
| %RSD      | .03172  | .21818  | .01531  | 2.9255 | .17903 |
| #1        | 4636.2  | 64569.  | 6131.6  | 78.038 | 3717.2 |
| #2        | 4634.1  | 64769.  | 6132.9  | 74.875 | 3707.8 |

Sample Name: I2873-01      Acquired: 4/28/2017 17:00:04      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |         |        |         |        |        |        |        |
|--------|--------|---------|--------|---------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908  | Pb2203 | Se1960  | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm     | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    |
| Avg    | .11028 | -.00496 | 1.2211 | -.04974 | .00061 | 105.35 | .84865 | .00346 |
| Stddev | .00050 | .00270  | .0002  | .00129  | .00056 | .58    | .00124 | .00004 |
| %RSD   | .45228 | 54.350  | .01870 | 2.6026  | 91.203 | .55438 | .14602 | 1.2713 |

|    |        |         |        |         |        |        |        |        |
|----|--------|---------|--------|---------|--------|--------|--------|--------|
| #1 | .11064 | -.00687 | 1.2213 | -.04883 | .00101 | 105.77 | .84953 | .00343 |
| #2 | .10993 | -.00306 | 1.2209 | -.05066 | .00022 | 104.94 | .84777 | .00349 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00163 | 1088.2 | 1.0300 | .08658 | .92859 | 188.45 | 1.8811 | 74.811 |
| Stddev | .00005 | 4.9    | .0045  | .00043 | .00081 | .16    | .0046  | .112   |
| %RSD   | 2.7904 | .45006 | .43213 | .49781 | .08704 | .08275 | .24360 | .15017 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00166 | 1084.8 | 1.0332 | .08628 | .92802 | 188.56 | 1.8844 | 74.732 |
| #2 | .00160 | 1091.7 | 1.0269 | .08689 | .92916 | 188.34 | 1.8779 | 74.891 |

|        |        |         |        |        |        |        |        |        |
|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280  | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .41778 | -.00912 | 4.5434 | .83999 | 1.6198 | 23.777 | .15477 | .17458 |
| Stddev | .00066 | .00108  | .0173  | .00179 | .0005  | .021   | .00010 | .00043 |
| %RSD   | .15791 | 11.869  | .38024 | .21345 | .02946 | .08950 | .06225 | .24786 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .41731 | -.00835 | 4.5312 | .84126 | 1.6201 | 23.792 | .15484 | .17489 |
| #2 | .41824 | -.00988 | 4.5556 | .83872 | 1.6195 | 23.762 | .15471 | .17428 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | 38.255 | .72955 | .14180 | 7.2427 | .13099 | 3.256  | .66710 |  |
| Stddev | .064   | .00423 | .00102 | .0152  | .00105 | .013   | .00095 |  |
| %RSD   | .16636 | .58017 | .71773 | .20988 | .79841 | .2050  | .14177 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | 38.210 | .72656 | .14252 | 7.2319 | .13173 | 6.247 | .66643 |  |
| #2 | 38.301 | .73254 | .14108 | 7.2534 | .13025 | 6.265 | .66777 |  |

Sample Name: I2873-01      Acquired: 4/28/2017 17:00:04      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4354.3  | 59143.  | 5866.4  | 73.594 | 3451.5 |
| Stddev    | 5.2     | 138.    | 5.7     | .106   | 1.3    |
| %RSD      | .11951  | .23401  | .09726  | .14389 | .03742 |
| #1        | 4350.6  | 59045.  | 5870.4  | 73.519 | 3450.6 |
| #2        | 4358.0  | 59241.  | 5862.4  | 73.668 | 3452.4 |

Sample Name: CCV06      Acquired: 4/28/2017 17:04:08      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV06      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.9419 | 4.8189 | 4.8391 | 4.9626 | 4.9287 | 3.5846 | 10.036 | 24940  | 2.4324 |
| Stddev | .0090  | .0131  | .0114  | .0023  | .0073  | .0381  | .008   | .00045 | .0019  |
| %RSD   | .18291 | .27137 | .23528 | .04664 | .14743 | .39713 | .07768 | .17940 | .07707 |

|    |        |        |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|--------|--------|-------|--------|
| #1 | 4.9355 | 4.8096 | 4.8311 | 4.9642 | 4.9236 | 9.5577 | 10.042 | 24909 | 2.4310 |
| #2 | 4.9483 | 4.8281 | 4.8472 | 4.9609 | 4.9339 | 9.6116 | 10.031 | 24972 | 2.4337 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 24.456 | 96394  | 2.4285 | 1.2320 | 4.8659 | 2.5142 | 24.242 | 2.4211 | 1.2067 |
| Stddev | .048   | .00140 | .0032  | .0003  | .0979  | .0034  | .123   | .0006  | .0017  |
| %RSD   | .19446 | .14479 | .13297 | .02153 | 2.0125 | .13614 | .50696 | .02558 | .13953 |

|    |        |       |        |        |        |        |        |        |        |
|----|--------|-------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 24.422 | 96295 | 2.4262 | 1.2322 | 4.7967 | 2.5118 | 24.155 | 2.4207 | 1.2055 |
| #2 | 24.490 | 96493 | 2.4308 | 1.2318 | 4.9352 | 2.5166 | 24.329 | 2.4216 | 1.2079 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 24.097 | 2.4325 | 2.4781 | 24.779 | 4.9752 | 4.7592 | 4.9133 | 4.8379 | 4.8546 |
| Stddev | .030   | .0005  | .0348  | .058   | .0066  | .0308  | .0052  | .0064  | .0136  |
| %RSD   | .12570 | .02133 | 1.4040 | .23208 | .13239 | .64823 | .10543 | .13137 | .27987 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 24.119 | 2.4321 | 2.4535 | 24.739 | 4.9705 | 4.7810 | 4.9097 | 4.8334 | 4.8450 |
| #2 | 24.076 | 2.4328 | 2.5027 | 24.820 | 4.9798 | 4.7374 | 4.9170 | 4.8424 | 4.8642 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.8850 | 4.9452 | 5.084  | 4.9276 |
| Stddev | .0124  | .0103  | .013   | .0014  |
| %RSD   | .25306 | .20838 | .2462  | .02852 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 4.8938 | 4.9379 | 5.075 | 4.9266 |
| #2 | 4.8763 | 4.9524 | 5.093 | 4.9286 |

Sample Name: CCV06      Acquired: 4/28/2017 17:04:08      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV06      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4256.1  | 58035.  | 5283.6  | 74.461 | 3866.5 |
| Stddev    | 5.5     | 18.     | 2.1     | .918   | 3.8    |
| %RSD      | .12812  | .03045  | .04068  | 1.2326 | .09807 |
| #1        | 4252.2  | 58047.  | 5285.1  | 75.109 | 3863.8 |
| #2        | 4259.9  | 58022.  | 5282.0  | 73.812 | 3869.2 |

Sample Name: CCB06      Acquired: 4/28/2017 17:07:59      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB06      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00140 | .00012 | .00012 | .00091 | .00081 | .01025 | .00326 | .00005 |
| Stddev | .00193 | .00115 | .00013 | .00202 | .00097 | .00680 | .00038 | .00007 |
| %RSD   | 137.97 | 929.10 | 103.72 | 221.97 | 120.40 | 66.396 | 11.542 | 135.42 |

|    |        |         |        |         |        |         |        |        |
|----|--------|---------|--------|---------|--------|---------|--------|--------|
| #1 | .00003 | -.00069 | .00021 | .00052  | .00012 | -.01506 | .00352 | .00000 |
| #2 | .00276 | .00093  | .00003 | -.00233 | .00150 | -.00544 | .00299 | .00011 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00000 | .00306 | .00018 | .00005 | .00174 | .04871 | .00043 | .02376 |
| Stddev | .00006 | .00547 | .00047 | .00001 | .00015 | .00604 | .00001 | .01234 |
| %RSD   | 3406.5 | 178.74 | 257.73 | 23.528 | 8.6476 | 12.400 | 2.2381 | 51.951 |

|    |         |         |         |        |        |        |        |         |
|----|---------|---------|---------|--------|--------|--------|--------|---------|
| #1 | -.00004 | .00693  | -.00052 | .00006 | .00163 | .05298 | .00042 | -.03248 |
| #2 | .00005  | -.00081 | .00015  | .00004 | .00184 | .04444 | .00043 | -.01503 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00054 | .00050 | .01272 | .00006 | .00108 | .05151 | .00054 | .00670 |
| Stddev | .00001 | .00002 | .00366 | .00017 | .00026 | .01758 | .00000 | .00842 |
| %RSD   | 2.6859 | 4.8503 | 28.779 | 280.61 | 24.441 | 34.125 | .63629 | 125.63 |

|    |        |        |         |         |        |        |        |        |
|----|--------|--------|---------|---------|--------|--------|--------|--------|
| #1 | .00055 | .00052 | -.01531 | -.00018 | .00126 | .03908 | .00055 | .01265 |
| #2 | .00053 | .00048 | -.01013 | .00006  | .00089 | .06394 | .00054 | .00075 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00322 | .00499 | .00047 | .00519 | .00228 | .0013  | .00016 |
| Stddev | .00347 | .00166 | .00009 | .00108 | .00106 | .0008  | .00004 |
| %RSD   | 107.86 | 33.308 | 18.161 | 20.764 | 46.570 | 60.79  | 27.887 |

|    |         |         |        |        |         |        |        |
|----|---------|---------|--------|--------|---------|--------|--------|
| #1 | -.00076 | -.00382 | .00041 | .00443 | -.00303 | -.0007 | .00012 |
| #2 | -.00567 | -.00617 | .00053 | .00595 | -.00153 | -.0018 | .00019 |

Sample Name: CCB06      Acquired: 4/28/2017 17:07:59      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB06      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4404.9  | 59857.  | 5287.2  | 75.757 | 4079.8 |
| Stddev    | 10.3    | 190.    | 4.3     | .434   | 8.6    |
| %RSD      | .23294  | .31825  | .08158  | .57276 | .21039 |
| #1        | 4397.6  | 59722.  | 5284.2  | 76.064 | 4073.7 |
| #2        | 4412.1  | 59992.  | 5290.3  | 75.450 | 4085.9 |

Sample Name: I2873-02      Acquired: 4/28/2017 17:12:16      Type: Unk  
 Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .17839 | .00009 | 13.934 | .13814 | .02383 | 31.332 | .79200 | .00387 |
| Stddev | .00107 | .00172 | .024   | .00099 | .00100 | .018   | .00331 | .00013 |
| %RSD   | .59901 | 1833.8 | .17137 | .71755 | 4.2164 | .02165 | .41842 | 3.2670 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .17763 | -.00131 | 13.917 | .13744 | .02454 | 81.344 | .78966 | .00396 |
| #2 | .17914 | .00112  | 13.951 | .13884 | .02312 | 81.320 | .79435 | .00378 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00246 | 30.469 | 1.0603 | .11826 | 1.7282 | 353.79 | 2.1473 | 46.873 |
| Stddev | .00058 | .292   | .0008  | .00015 | .0041  | 6.99   | .0034  | .084   |
| %RSD   | 23.387 | .48229 | .07406 | .12953 | .23548 | 1.9756 | .16049 | .17986 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | -.00206 | 60.262 | 1.0598 | .11815 | 1.7253 | 348.85 | 2.1449 | 46.813 |
| #2 | -.00287 | 60.675 | 1.0609 | .11837 | 1.7310 | 358.74 | 2.1497 | 46.932 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .22893 | .00578 | 4.3754 | .58947 | 3.2102 | 17.395 | .00921 | 1.1702 |
| Stddev | .00094 | .00126 | .0052  | .00013 | .0787  | .089   | .00031 | .0176  |
| %RSD   | .40936 | 21.862 | .11981 | .02191 | 2.4502 | .51380 | 3.3907 | 1.5029 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .22826 | .00489 | 4.3791 | .58938 | 3.1545 | 17.331 | .00899 | 1.1578 |
| #2 | .22959 | .00667 | 4.3717 | .58956 | 3.2658 | 17.458 | .00943 | 1.1826 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 7.6616 | 3.0635 | .66151 | 4.6797 | .15221 | 11.64  | .21679 |
| Stddev | .0013  | .0017  | .00261 | .0122  | .00289 | .03    | .00009 |
| %RSD   | .01726 | .05694 | .39500 | .25975 | 1.9003 | .2879  | .04000 |

|    |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|-------|--------|
| #1 | 7.6625 | 3.0647 | .66336 | 4.6711 | .15426 | 11.61 | .21673 |
| #2 | 7.6607 | 3.0623 | .65967 | 4.6883 | .15017 | 11.66 | .21685 |



Sample Name: I2873-02      Acquired: 4/28/2017 17:12:16      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 5087.2  | 70046.  | 3456.3  | 75.976 | 3777.3 |
| Stddev    | 3.3     | 280.    | 28.7    | 1.743  | 1.9    |
| %RSD      | .06414  | .39957  | .44393  | 2.2941 | .05040 |
| #1        | 5089.5  | 70244.  | 6476.6  | 77.208 | 3775.9 |
| #2        | 5084.9  | 69848.  | 6436.0  | 74.743 | 3778.6 |

Sample Name: I2895-01      Acquired: 4/28/2017 17:16:12      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .17650 | .00273 | 3.5036 | .12885 | .01207 | 106.02 | 1.2717 | .00915 |
| Stddev | .00141 | .00209 | .0052  | .00297 | .00097 | .08    | .0029  | .00009 |
| %RSD   | .79759 | 76.336 | .14721 | 2.3017 | 8.0381 | .07372 | .22491 | .99104 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .17749 | .00421 | 3.5072 | .12675 | .01276 | 106.08 | 1.2696 | .00909 |
| #2 | .17550 | .00126 | 3.5000 | .13095 | .01139 | 105.97 | 1.2737 | .00921 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01921 | 16.933 | .38115 | .23848 | 1.3126 | 302.94 | 2.4140 | 44.588 |
| Stddev | .00047 | .023   | .00039 | .00056 | .0036  | 1.93   | .0014  | .098   |
| %RSD   | 2.4219 | .13444 | .10243 | .23502 | .27623 | .63639 | .05889 | .22018 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .01954 | 16.917 | .38088 | .23888 | 1.3152 | 301.58 | 2.4130 | 44.658 |
| #2 | .01888 | 16.950 | .38143 | .23808 | 1.3101 | 304.31 | 2.4150 | 44.519 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.3039 | .00362 | 1.5905 | .46481 | 4.9415 | 12.193 | .01183 | .23446 |
| Stddev | .0044  | .00014 | .0009  | .00046 | .0377  | .056   | .00030 | .02031 |
| %RSD   | .33606 | 3.9925 | .05397 | .09849 | .76336 | .45668 | 2.4982 | 8.6637 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | 1.3070 | -.00352 | 1.5911 | .46448 | 4.9148 | 12.154 | .01204 | .24883 |
| #2 | 1.3008 | -.00372 | 1.5899 | .46513 | 4.9681 | 12.233 | .01162 | .22010 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | 35.927 | 5.3145 | .12024 | 2.7121 | .19893 | 5.802  | .11407 |  |
| Stddev | .006   | .0408  | .00113 | .0036  | .00022 | .010   | .00034 |  |
| %RSD   | .01755 | .76792 | .93743 | .13344 | .11269 | .1737  | .29754 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | 35.931 | 5.3434 | .12104 | 2.7095 | .19909 | 5.809 | .11431 |  |
| #2 | 35.922 | 5.2856 | .11945 | 2.7146 | .19877 | 5.795 | .11383 |  |

Sample Name: I2895-01      Acquired: 4/28/2017 17:16:12      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 5339.1  | 73251.  | 3893.4  | 76.548 | 3875.1 |
| Stddev    | 14.3    | 25.     | 9.1     | .512   | 10.5   |
| %RSD      | .26848  | .03402  | .13216  | .66822 | .27044 |
| #1        | 5329.0  | 73268.  | 6899.8  | 76.909 | 3867.7 |
| #2        | 5349.3  | 73233.  | 6886.9  | 76.186 | 3882.5 |

Sample Name: I2895-02      Acquired: 4/28/2017 17:20:04      Type: Unk  
 Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |        |         |        |        |        |        |        |        |
|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908  | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .03915 | -.00192 | .35167 | .03018 | .00345 | 25.792 | 1.0592 | .00234 |
| Stddev | .00316 | .00084  | .00329 | .00158 | .00020 | .045   | .0042  | .00002 |
| %RSD   | 8.0798 | 43.537  | .93672 | 5.2517 | 5.8128 | .17270 | .39454 | .92519 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .04139 | -.00251 | .34934 | .02906 | .00359 | 25.823 | 1.0563 | .00236 |
| #2 | .03691 | -.00133 | .35399 | .03130 | .00331 | 25.761 | 1.0622 | .00233 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00661 | 52.117 | .05107 | .05074 | .31500 | 33.431 | 2.0034 | 7.3174 |
| Stddev | .00001 | .176   | .00006 | .00000 | .00119 | .232   | .0037  | .0241  |
| %RSD   | .17578 | .33822 | .12511 | .00810 | .37812 | .36618 | .18416 | .32983 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00662 | 51.993 | .05102 | .05074 | .31584 | 63.595 | 2.0008 | 7.3345 |
| #2 | .00660 | 52.242 | .05111 | .05074 | .31416 | 63.266 | 2.0060 | 7.3003 |

|        |        |         |        |        |        |        |        |        |
|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280  | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .48435 | -.00238 | 2.5522 | .10930 | 1.1892 | .55889 | .01009 | .05397 |
| Stddev | .00255 | .00020  | .0168  | .00054 | .0092  | .02095 | .00011 | .01495 |
| %RSD   | .52571 | 8.2763  | .65709 | .49786 | .77051 | 3.7478 | 1.1269 | 27.701 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .48255 | -.00224 | 2.5403 | .10968 | 1.1957 | .54408 | .01001 | .04340 |
| #2 | .48616 | -.00252 | 2.5640 | .10891 | 1.1827 | .57370 | .01017 | .06454 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 18.709 | 1.6084 | .00843 | .51676 | .00092 | 2.043  | .29919 |
| Stddev | .076   | .0114  | .00037 | .00010 | .00036 | .007   | .00091 |
| %RSD   | .40459 | .70720 | 4.3664 | .01984 | 39.097 | .3681  | .30488 |

|    |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|-------|--------|
| #1 | 18.655 | 1.6004 | .00817 | .51684 | .00118 | 2.037 | .29855 |
| #2 | 18.762 | 1.6164 | .00869 | .51669 | .00067 | 2.048 | .29984 |

Sample Name: I2895-02      Acquired: 4/28/2017 17:20:04      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4621.4  | 34345.  | 5915.6  | 31.011 | 4088.9 |
| Stddev    | 1.7     | 42.     | .4      | .698   | 7.8    |
| %RSD      | .03686  | .06500  | .00640  | .86156 | .18964 |
| #1        | 4620.2  | 64375.  | 5915.9  | 80.518 | 4094.4 |
| #2        | 4622.6  | 64316.  | 5915.3  | 81.505 | 4083.4 |

Sample Name: I2895-03      Acquired: 4/28/2017 17:24:08      Type: Unk  
 Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |         |         |        |        |        |        |        |        |
|--------|---------|---------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890  | Tl1908  | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm     | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .07802  | .00557  | 1.0098 | .14223 | .00832 | 171.25 | .86882 | .00755 |
| Stddev | .00389  | .00298  | .0117  | .00701 | .00034 | .86    | .00050 | .00015 |
| %RSD   | 4.9912  | 53.591  | 1.1628 | 4.9267 | 4.1020 | .50306 | .05757 | 1.9287 |
| #1     | .07527  | .00346  | 1.0015 | .13728 | .00856 | 171.86 | .86917 | .00766 |
| #2     | .08078  | .00768  | 1.0181 | .14719 | .00807 | 170.64 | .86846 | .00745 |
| Elem   | Cd2265  | Ca3736  | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm     | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00508  | 9.7955  | .48895 | .27425 | .44132 | 361.22 | 5.8257 | 48.087 |
| Stddev | .00060  | .0557   | .00486 | .00465 | .00394 | 11.22  | .0034  | .055   |
| %RSD   | 11.722  | .56884  | .99376 | 1.6962 | .89340 | 3.1068 | .05897 | .11465 |
| #1     | -.00466 | 9.8349  | .49238 | .27096 | .43853 | 353.28 | 5.8233 | 48.126 |
| #2     | -.00550 | 9.7561  | .48551 | .27754 | .44410 | 369.16 | 5.8281 | 48.048 |
| Elem   | Ni2316  | Ag3280  | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm     | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.4175  | -.01352 | 1.0714 | .38359 | 1.0575 | 13.335 | .00563 | .23146 |
| Stddev | .0191   | .00126  | .0047  | .00330 | .0352  | .039   | .00003 | .01940 |
| %RSD   | 1.3486  | 9.3136  | .43569 | .86004 | 3.3248 | .29162 | .59406 | 8.3797 |
| #1     | 1.4040  | -.01441 | 1.0681 | .38593 | 1.0326 | 13.307 | .00561 | .21774 |
| #2     | 1.4311  | -.01263 | 1.0747 | .38126 | 1.0823 | 13.362 | .00566 | .24517 |
| Elem   | S_1820  | Si2881  | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |        |
| Units  | ppm     | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    |        |
| Avg    | .66827  | 6.0841  | .03458 | 3.0723 | .22303 | 4.900  | .07543 |        |
| Stddev | .00722  | .0201   | .00193 | .0024  | .00001 | .073   | .00013 |        |
| %RSD   | 1.0808  | .33080  | 5.5852 | .07681 | .00227 | 1.487  | .17711 |        |
| #1     | .66316  | 6.0983  | .03322 | 3.0739 | .22302 | 4.848  | .07533 |        |
| #2     | .67337  | 6.0699  | .03595 | 3.0706 | .22303 | 4.951  | .07552 |        |

Sample Name: I2895-03      Acquired: 4/28/2017 17:24:08      Type: Unk  
 Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4920.3  | 38248.  | 3286.1  | 77.339 | 3821.4 |
| Stddev    | 41.8    | 359.    | .3      | 2.280  | 40.4   |
| %RSD      | .84862  | .52665  | .00507  | 2.9480 | 1.0581 |
|           |         |         |         |        |        |
| #1        | 4949.8  | 67994.  | 6286.3  | 78.952 | 3850.0 |
| #2        | 4890.7  | 68503.  | 6285.8  | 75.727 | 3792.8 |

Sample Name: I2895-04      Acquired: 4/28/2017 17:28:18      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .08015 | .00718 | .88428 | .14020 | .00905 | 157.71 | .78985 | .00703 |
| Stddev | .00015 | .00365 | .00792 | .00007 | .00074 | .87    | .00033 | .00014 |
| %RSD   | .19309 | 50.787 | .89619 | .05291 | 8.1186 | .55146 | .04228 | 1.9503 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .08005 | .00976 | .88988 | .14026 | .00957 | 158.33 | .78962 | .00712 |
| #2 | .08026 | .00460 | .87867 | .14015 | .00853 | 157.10 | .79009 | .00693 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00505 | 15.096 | .45384 | .20137 | .52899 | 355.00 | 5.1104 | 44.277 |
| Stddev | .00071 | .004   | .00287 | .00177 | .00332 | 3.46   | .0428  | .122   |
| %RSD   | 14.150 | .02427 | .63131 | .87680 | .62788 | .97399 | .83660 | .27571 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | -.00455 | 15.098 | .45587 | .20262 | .53134 | 352.56 | 5.1406 | 44.190 |
| #2 | -.00556 | 15.093 | .45182 | .20012 | .52664 | 357.45 | 5.0802 | 44.363 |

|        |        |         |        |        |        |        |        |        |
|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280  | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.0694 | -.01534 | 1.0076 | .40344 | .90025 | 11.957 | .00561 | .21999 |
| Stddev | .0065  | .00076  | .0071  | .00023 | .01065 | .061   | .00000 | .01163 |
| %RSD   | .60612 | 4.9343  | .70391 | .05704 | 1.1832 | .51247 | .00631 | 5.2859 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | 1.0740 | -.01587 | 1.0026 | .40327 | .89272 | 11.914 | .00561 | .21177 |
| #2 | 1.0648 | -.01480 | 1.0127 | .40360 | .90778 | 12.001 | .00561 | .22821 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .96720 | 3.3028 | .03329 | 3.0210 | .19766 | 5.747  | .07028 |  |
| Stddev | .00601 | .0097  | .00025 | .0123  | .00115 | .025   | .00008 |  |
| %RSD   | .62150 | .11671 | .73892 | .40702 | .58392 | .4346  | .10942 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | .97145 | 8.3096 | .03311 | 3.0123 | .19684 | 5.764 | .07033 |  |
| #2 | .96295 | 8.2959 | .03346 | 3.0297 | .19847 | 5.729 | .07022 |  |



Sample Name: I2895-04      Acquired: 4/28/2017 17:28:18      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4970.0  | 37676.  | 3277.3  | 77.940 | 3873.9 |
| Stddev    | 8.9     | 281.    | 20.5    | .870   | 22.3   |
| %RSD      | .17966  | .41551  | .32619  | 1.1160 | .57538 |
| #1        | 4963.7  | 67477.  | 6291.8  | 78.555 | 3858.2 |
| #2        | 4976.3  | 67874.  | 6262.9  | 77.325 | 3889.7 |

Sample Name: I2895-05      Acquired: 4/28/2017 17:32:29      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .09255 | .00084 | .96316 | .08901 | .00490 | 139.68 | 1.6544 | .00981 |
| Stddev | .00015 | .00074 | .00173 | .00204 | .00003 | 1.29   | .0342  | .00008 |
| %RSD   | .16222 | 88.056 | .17995 | 2.2956 | .54192 | .92125 | 2.0663 | .82257 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .09266 | .00137 | .96194 | .08756 | .00489 | 138.77 | 1.6302 | .00987 |
| #2 | .09245 | .00032 | .96439 | .09045 | .00492 | 140.59 | 1.6785 | .00975 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00162 | 19.351 | .30805 | .15060 | .63513 | 202.70 | 2.0405 | 28.848 |
| Stddev | .00080 | .360   | .00015 | .00021 | .00304 | 6.10   | .0013  | .437   |
| %RSD   | 49.314 | 1.8616 | .05027 | .13820 | .47823 | 3.0073 | .06564 | 1.5153 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00218 | 19.096 | .30794 | .15045 | .63728 | 198.39 | 2.0396 | 28.539 |
| #2 | .00105 | 19.606 | .30816 | .15075 | .63299 | 207.01 | 2.0414 | 29.157 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .93625 | .00433 | 1.8472 | .28161 | 2.6648 | 7.2559 | .00591 | .14158 |
| Stddev | .00172 | .00071 | .0462  | .00021 | .0833  | .0999  | .00017 | .00308 |
| %RSD   | .18377 | 16.372 | 2.4999 | .07309 | 3.1262 | 1.3769 | 2.8962 | 2.1737 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .93746 | -.00484 | 1.8146 | .28146 | 2.6059 | 7.1853 | .00579 | .13941 |
| #2 | .93503 | -.00383 | 1.8799 | .28175 | 2.7237 | 7.3266 | .00603 | .14376 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 23.010 | 3.4239 | .03930 | 1.0758 | .15328 | 9.724  | .15386 |
| Stddev | .030   | .0768  | .00042 | .0174  | .00175 | .029   | .00319 |
| %RSD   | .13035 | 2.2423 | 1.0777 | 1.6183 | 1.1447 | .3032  | 2.0728 |

|    |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|-------|--------|
| #1 | 23.031 | 3.3696 | .03960 | 1.0635 | .15204 | 9.745 | .15160 |
| #2 | 22.989 | 3.4782 | .03900 | 1.0881 | .15452 | 9.703 | .15612 |

Sample Name: I2895-05      Acquired: 4/28/2017 17:32:29      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 5199.6  | 71276.  | 3652.4  | 77.811 | 3938.3 |
| Stddev    | 12.5    | 304.    | 117.6   | 2.274  | 7.3    |
| %RSD      | .24043  | .42641  | 1.7681  | 2.9228 | .18516 |
| #1        | 5190.8  | 71491.  | 6735.6  | 79.419 | 3933.1 |
| #2        | 5208.5  | 71061.  | 6569.2  | 76.202 | 3943.4 |

Sample Name: I2895-06      Acquired: 4/28/2017 17:36:34      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |         |        |        |        |        |        |        |
|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908  | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .12462 | .00521  | 2.9184 | .12429 | .01689 | 133.22 | 1.5474 | .00836 |
| Stddev | .00045 | .00137  | .0002  | .00024 | .00159 | .17    | .0005  | .00008 |
| %RSD   | .36485 | 26.330  | .00668 | .19314 | 9.4365 | .12463 | .03032 | .99873 |
| #1     | .12430 | .00618  | 2.9183 | .12445 | .01576 | 133.34 | 1.5477 | .00842 |
| #2     | .12494 | .00424  | 2.9185 | .12412 | .01801 | 133.10 | 1.5471 | .00830 |
| Elem   | Cd2265 | Ca3736  | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00430 | 134.59  | .32912 | .16811 | .73064 | 333.01 | 4.9174 | 47.178 |
| Stddev | .00037 | .17     | .00008 | .00017 | .00181 | 2.52   | .0155  | .110   |
| %RSD   | 8.6366 | .12918  | .02294 | .10176 | .24747 | .75550 | .31465 | .23265 |
| #1     | .00456 | 134.47  | .32917 | .16823 | .72936 | 331.23 | 4.9064 | 47.255 |
| #2     | .00403 | 134.71  | .32907 | .16799 | .73192 | 334.79 | 4.9283 | 47.100 |
| Elem   | Ni2316 | Ag3280  | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .66914 | -.01047 | 1.9132 | .41406 | 2.5226 | 15.982 | .00646 | .25934 |
| Stddev | .00047 | .00072  | .0060  | .00120 | .0245  | .041   | .00023 | .00234 |
| %RSD   | .07038 | 6.9195  | .31307 | .28878 | .97099 | .25620 | 3.5857 | .90052 |
| #1     | .66947 | -.01098 | 1.9090 | .41321 | 2.5052 | 16.011 | .00630 | .25769 |
| #2     | .66880 | -.00995 | 1.9175 | .41490 | 2.5399 | 15.953 | .00663 | .26099 |
| Elem   | S_1820 | Si2881  | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |        |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    |        |
| Avg    | 17.705 | 3.0880  | .07227 | 3.3880 | .20445 | 5.722  | .50468 |        |
| Stddev | .050   | .0477   | .00007 | .0052  | .00221 | .001   | .00051 |        |
| %RSD   | .28516 | .58969  | .09198 | .15278 | 1.0798 | .0225  | .10198 |        |
| #1     | 17.740 | 8.0543  | .07232 | 3.3844 | .20601 | 5.723  | .50431 |        |
| #2     | 17.669 | 8.1217  | .07223 | 3.3917 | .20289 | 5.721  | .50504 |        |

Sample Name: I2895-06      Acquired: 4/28/2017 17:36:34      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 5096.7  | 39673.  | 3582.6  | 77.620 | 3809.2 |
| Stddev    | 10.2    | 122.    | 23.1    | .625   | 13.7   |
| %RSD      | .20029  | .17481  | .35087  | .80534 | .36045 |
|           |         |         |         |        |        |
| #1        | 5089.5  | 69760.  | 6598.9  | 78.062 | 3799.5 |
| #2        | 5103.9  | 69587.  | 6566.2  | 77.178 | 3818.9 |

Sample Name: I2895-07      Acquired: 4/28/2017 17:40:43      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .08592 | .00325 | 1.4448 | .15327 | .00929 | 167.38 | 1.5713 | .00851 |
| Stddev | .00174 | .00045 | .0020  | .00209 | .00161 | .42    | .0020  | .00002 |
| %RSD   | 2.0266 | 13.777 | .13626 | 1.3637 | 17.281 | .24908 | .12450 | .28471 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .08715 | .00357 | 1.4434 | .15179 | .01042 | 167.08 | 1.5726 | .00849 |
| #2 | .08469 | .00293 | 1.4462 | .15474 | .00815 | 167.67 | 1.5699 | .00852 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00434 | 37.013 | .40838 | .16574 | .50686 | 394.19 | 3.0646 | 31.393 |
| Stddev | .00108 | .056   | .00118 | .00011 | .00159 | 9.86   | .0010  | .356   |
| %RSD   | 24.992 | .15003 | .28894 | .06690 | .31303 | 2.5017 | .03114 | .58004 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | -.00357 | 36.974 | .40921 | .16566 | .50799 | 387.22 | 3.0639 | 61.645 |
| #2 | -.00511 | 37.052 | .40754 | .16582 | .50574 | 401.17 | 3.0653 | 61.142 |

|        |        |         |        |        |        |        |        |        |
|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280  | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .71471 | -.01328 | 2.2568 | .45047 | 1.6785 | 23.910 | .00750 | .27422 |
| Stddev | .00048 | .00141  | .0120  | .00036 | .0485  | .073   | .00007 | .02189 |
| %RSD   | .06701 | 10.600  | .52937 | .08051 | 2.8888 | .30586 | .87289 | 7.9842 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .71437 | -.01428 | 2.2652 | .45022 | 1.6442 | 23.962 | .00754 | .25874 |
| #2 | .71505 | -.01229 | 2.2483 | .45073 | 1.7128 | 23.858 | .00745 | .28970 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.6395 | 3.5997 | .03766 | 4.5135 | .28438 | 4.682  | .20405 |
| Stddev | .0020  | .0103  | .00145 | .0127  | .00247 | .004   | .00116 |
| %RSD   | .11981 | .11924 | 3.8617 | .28229 | .86859 | .0756  | .56901 |

|    |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|-------|--------|
| #1 | 1.6381 | 8.5924 | .03663 | 4.5225 | .28612 | 4.684 | .20487 |
| #2 | 1.6409 | 8.6069 | .03869 | 4.5045 | .28263 | 4.679 | .20323 |

Sample Name: I2895-07      Acquired: 4/28/2017 17:40:43      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 5223.1  | 70992.  | 3610.1  | 75.556 | 3795.7 |
| Stddev    | 8.9     | 244.    | 7.2     | 2.124  | 8.4    |
| %RSD      | .16994  | .34318  | .10902  | 2.8116 | .22049 |
| #1        | 5216.8  | 71164.  | 6605.0  | 77.058 | 3789.8 |
| #2        | 5229.4  | 70819.  | 6615.2  | 74.054 | 3801.7 |

Sample Name: I2895-08      Acquired: 4/28/2017 17:44:47      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |         |        |        |         |        |        |        |
|--------|--------|---------|--------|--------|---------|--------|--------|--------|
| Elem   | As1890 | Tl1908  | Pb2203 | Se1960 | Sb2068  | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    |
| Avg    | .02504 | -.00117 | .09699 | .04657 | -.00168 | 47.699 | 2.8371 | .00613 |
| Stddev | .00004 | .00069  | .00066 | .00132 | .00070  | .039   | .0291  | .00002 |
| %RSD   | .17231 | 58.821  | .67842 | 2.8364 | 41.507  | .08151 | 1.0272 | .32058 |

|    |        |         |        |        |         |        |        |        |
|----|--------|---------|--------|--------|---------|--------|--------|--------|
| #1 | .02507 | -.00068 | .09746 | .04751 | -.00217 | 47.671 | 2.8577 | .00612 |
| #2 | .02501 | -.00165 | .09653 | .04564 | -.00119 | 47.726 | 2.8165 | .00614 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00220 | 42.752 | .15172 | .02324 | .23759 | 103.96 | 1.2584 | 16.153 |
| Stddev | .00014 | .503   | .00127 | .00009 | .00006 | 1.79   | .0020  | .299   |
| %RSD   | 6.3142 | 1.1771 | .83494 | .39044 | .02623 | 1.7223 | .15954 | 1.8496 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00210 | 43.108 | .15262 | .02331 | .23763 | 105.22 | 1.2570 | 16.364 |
| #2 | .00230 | 42.396 | .15083 | .02318 | .23754 | 102.69 | 1.2598 | 15.941 |

|        |        |         |        |        |        |        |        |        |
|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280  | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .51907 | -.00246 | 2.5083 | .12564 | .06914 | 1.5635 | .00152 | .08245 |
| Stddev | .00194 | .00027  | .0243  | .00012 | .00107 | .0110  | .00026 | .01051 |
| %RSD   | .37280 | 10.783  | .96715 | .09210 | 1.5441 | .70160 | 17.385 | 12.743 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .52043 | -.00227 | 2.5254 | .12556 | .06990 | 1.5712 | .00133 | .08988 |
| #2 | .51770 | -.00265 | 2.4911 | .12572 | .06839 | 1.5557 | .00171 | .07503 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 13.625 | 3.2578 | .00583 | .52852 | .03189 | 2.124  | .24015 |
| Stddev | .060   | .0242  | .00095 | .00595 | .00117 | .004   | .00299 |
| %RSD   | .43865 | .74305 | 16.247 | 1.1260 | 3.6527 | .1904  | 1.2460 |

|    |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|-------|--------|
| #1 | 13.667 | 3.2749 | .00650 | .53272 | .03107 | 2.127 | .24227 |
| #2 | 13.583 | 3.2406 | .00516 | .52431 | .03272 | 2.121 | .23803 |



Sample Name: I2895-08      Acquired: 4/28/2017 17:44:47      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 5196.5  | 72320.  | 3626.9  | 79.446 | 4049.3 |
| Stddev    | 17.0    | 20.     | 93.6    | 1.339  | 21.2   |
| %RSD      | .32623  | .02824  | 1.4130  | 1.6859 | .52253 |
| #1        | 5184.5  | 72334.  | 6560.7  | 78.499 | 4034.4 |
| #2        | 5208.4  | 72305.  | 6693.1  | 80.393 | 4064.3 |

Sample Name: I2895-09      Acquired: 4/28/2017 17:48:48      Type: Unk  
 Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .08194 | .00406 | .59147 | .16919 | .00841 | 128.80 | 1.0038 | .00801 |
| Stddev | .00087 | .00153 | .00096 | .00645 | .00091 | 1.47   | .0032  | .00013 |
| %RSD   | 1.0592 | 37.750 | .16202 | 3.8121 | 10.784 | 1.1380 | .31736 | 1.6048 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .08133 | .00298 | .59079 | .16463 | .00906 | 127.76 | 1.0016 | .00792 |
| #2 | .08255 | .00514 | .59215 | .17375 | .00777 | 129.83 | 1.0061 | .00810 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00491 | 25.582 | .53502 | .18847 | .46779 | 421.75 | 5.2630 | 38.248 |
| Stddev | .00105 | .157   | .00437 | .00009 | .00139 | 10.26  | .0190  | .259   |
| %RSD   | 21.445 | .61464 | .81651 | .04529 | .29667 | 2.4332 | .36016 | .67807 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | -.00417 | 25.471 | .53193 | .18853 | .46877 | 414.49 | 5.2496 | 38.064 |
| #2 | -.00566 | 25.693 | .53811 | .18841 | .46681 | 429.01 | 5.2765 | 38.431 |

|        |        |         |        |        |        |        |        |        |
|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280  | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.0372 | -.01307 | 1.8748 | .42452 | 1.0362 | 11.261 | .00253 | .29102 |
| Stddev | .0005  | .00001  | .0010  | .00376 | .0220  | .082   | .00009 | .00790 |
| %RSD   | .04540 | .05815  | .05536 | .88551 | 2.1193 | .72768 | 3.5750 | 2.7134 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | 1.0368 | -.01308 | 1.8740 | .42186 | 1.0207 | 11.203 | .00247 | .28544 |
| #2 | 1.0375 | -.01307 | 1.8755 | .42717 | 1.0517 | 11.319 | .00260 | .29660 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.6697 | 7.9130 | .04036 | 2.6751 | .18666 | 5.157  | .14266 |
| Stddev | .0064  | .0910  | .00024 | .0045  | .00199 | .002   | .00026 |
| %RSD   | .38281 | 1.1503 | .59733 | .16779 | 1.0675 | .0313  | .18181 |

|    |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|-------|--------|
| #1 | 1.6652 | 7.8487 | .04053 | 2.6719 | .18525 | 5.158 | .14247 |
| #2 | 1.6742 | 7.9774 | .04019 | 2.6782 | .18807 | 5.156 | .14284 |

Sample Name: I2895-09      Acquired: 4/28/2017 17:48:48      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 5301.3  | 72725.  | 6743.0  | 78.142 | 3826.0 |
| Stddev    | 4.6     | 537.    | 2.8     | 1.593  | 1.9    |
| %RSD      | .08601  | .73780  | .04173  | 2.0390 | .05066 |
| #1        | 5304.6  | 73105.  | 6745.0  | 79.269 | 3824.7 |
| #2        | 5298.1  | 72346.  | 6741.0  | 77.015 | 3827.4 |

Sample Name: CCV07      Acquired: 4/28/2017 18:00:09      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.8658 | 4.7378 | 4.7580 | 4.8889 | 4.8478 | 3.4654 | 3.9192 | 2.4499 | 2.3955 |
| Stddev | .0119  | .0220  | .0040  | .0032  | .0017  | .0545  | .0089  | .00013 | .0034  |
| %RSD   | .24409 | .46354 | .08346 | .06587 | .03467 | .57587 | .08980 | .05304 | .14097 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 4.8742 | 4.7533 | 4.7608 | 4.8912 | 4.8490 | 9.4269 | 9.9129 | .24508 | 2.3979 |
| #2 | 4.8574 | 4.7222 | 4.7552 | 4.8867 | 4.8466 | 9.5040 | 9.9255 | .24490 | 2.3931 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 24.132 | .95473 | 2.3873 | 1.2077 | 4.7334 | 2.4802 | 23.888 | 2.3838 | 1.1887 |
| Stddev | .026   | .00093 | .0060  | .0028  | .2313  | .0050  | .099   | .0044  | .0013  |
| %RSD   | .10856 | .09706 | .25055 | .23431 | 4.8865 | .20144 | .41328 | .18577 | .10968 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 24.114 | .95539 | 2.3915 | 1.2097 | 4.5698 | 2.4837 | 23.819 | 2.3869 | 1.1896 |
| #2 | 24.151 | .95408 | 2.3831 | 1.2057 | 4.8969 | 2.4766 | 23.958 | 2.3807 | 1.1878 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 23.911 | 2.4053 | 2.4268 | 24.586 | 4.8942 | 4.6708 | 4.8268 | 4.7757 | 4.7686 |
| Stddev | .030   | .0016  | .0834  | .056   | .0008  | .0449  | .0088  | .0008  | .0121  |
| %RSD   | .12466 | .06535 | 3.4348 | .22721 | .01573 | .96215 | .18119 | .01609 | .25434 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 23.890 | 2.4065 | 2.3679 | 24.546 | 4.8948 | 4.6390 | 4.8329 | 4.7762 | 4.7772 |
| #2 | 23.932 | 2.4042 | 2.4857 | 24.625 | 4.8937 | 4.7025 | 4.8206 | 4.7751 | 4.7601 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.8299 | 4.8870 | 5.011  | 4.8700 |
| Stddev | .0019  | .0036  | .026   | .0077  |
| %RSD   | .03839 | .07365 | .5154  | .15724 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 4.8312 | 4.8845 | 5.029 | 4.8646 |
| #2 | 4.8286 | 4.8896 | 4.992 | 4.8754 |

Sample Name: CCV07      Acquired: 4/28/2017 18:00:09      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4318.3  | 58687.  | 5316.2  | 75.879 | 3924.7 |
| Stddev    | 8.3     | 228.    | 36.0    | 2.483  | 11.1   |
| %RSD      | .19121  | .38882  | .67706  | 3.2726 | .28382 |
| #1        | 4312.5  | 58526.  | 5290.8  | 77.634 | 3916.8 |
| #2        | 4324.2  | 58848.  | 5341.7  | 74.123 | 3932.6 |

Sample Name: LLCCV02      Acquired: 4/28/2017 18:04:02      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02147 | .03447 | .01244 | .01913 | .04544 | .08349 | .09939 | .00588 | .00590 |
| Stddev | .00168 | .00307 | .00083 | .00032 | .00066 | .01699 | .00061 | .00001 | .00001 |
| %RSD   | 7.8046 | 8.9090 | 6.6391 | 1.6496 | 1.4500 | 20.349 | .61861 | .12184 | .19872 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .02265 | .03230 | .01186 | .01935 | .04498 | .07148 | .09895 | .00588 | .00591 |
| #2 | .02028 | .03665 | .01303 | .01891 | .04591 | .09551 | .09982 | .00587 | .00589 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.9305 | .00986 | .02834 | .02180 | .09899 | .02134 | 1.9091 | .03885 | .00969 |
| Stddev | .0168  | .00014 | .00008 | .00017 | .02028 | .00004 | .0394  | .00088 | .00007 |
| %RSD   | .86873 | 1.4035 | .27677 | .78588 | 20.490 | .18881 | 2.0659 | 2.2734 | .76922 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.9424 | .00977 | .02840 | .02168 | .11333 | .02137 | 1.8812 | .03947 | .00964 |
| #2 | 1.9186 | .00996 | .02828 | .02192 | .08464 | .02131 | 1.9370 | .03822 | .00974 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 1.8851 | .03738 | .03966 | 1.9655 | .20439 | .10735 | .01455 | .36822 | .03998 |
| Stddev | .0024  | .00009 | .00132 | .0146  | .00094 | .00918 | .00105 | .00068 | .00031 |
| %RSD   | .12923 | .25237 | 3.3402 | .74169 | .46108 | 8.5532 | 7.2066 | .18570 | .77865 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.8868 | .03745 | .04060 | 1.9758 | .20506 | .10085 | .01381 | .36773 | .03976 |
| #2 | 1.8834 | .03732 | .03873 | 1.9552 | .20372 | .11384 | .01529 | .36870 | .04020 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | .04048 | .01710 | .0191  | .02142 |
| Stddev | .00044 | .00101 | .0007  | .00011 |
| %RSD   | 1.0803 | 5.9127 | 3.783  | .49109 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .04079 | .01782 | .0196 | .02135 |
| #2 | .04017 | .01639 | .0186 | .02149 |

Sample Name: LLCCV02      Acquired: 4/28/2017 18:04:02      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4439.3  | 50182.  | 5350.7  | 79.277 | 4145.6 |
| Stddev    | 8.1     | 316.    | 15.6    | 2.224  | 6.9    |
| %RSD      | .18251  | .52462  | .29235  | 2.8056 | .16601 |
| #1        | 4433.6  | 59958.  | 5339.7  | 77.705 | 4140.7 |
| #2        | 4445.0  | 60405.  | 5361.8  | 80.850 | 4150.5 |

Sample Name: CCB07      Acquired: 4/28/2017 18:08:09      Type: Unk

Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000

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

Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00166 | .00034 | .00084 | .00015 | .00107 | .01481 | .00203 | .00003 |
| Stddev | .00146 | .00187 | .00063 | .00279 | .00064 | .01823 | .00084 | .00003 |
| %RSD   | 88.214 | 545.01 | 75.036 | 1853.5 | 59.993 | 123.10 | 41.276 | 78.505 |

|    |        |         |        |         |        |        |        |        |
|----|--------|---------|--------|---------|--------|--------|--------|--------|
| #1 | .00062 | .00098  | .00129 | .00182  | .00062 | .02770 | .00144 | .00005 |
| #2 | .00269 | -.00167 | .00040 | -.00212 | .00153 | .00192 | .00262 | .00001 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00002 | .00342 | .00007 | .00003 | .00065 | .01692 | .00031 | .01506 |
| Stddev | .00002 | .00554 | .00053 | .00002 | .00011 | .01303 | .00004 | .00628 |
| %RSD   | 114.66 | 162.03 | 761.27 | 52.166 | 16.635 | 76.987 | 12.973 | 41.710 |

|    |         |         |         |         |        |        |        |         |
|----|---------|---------|---------|---------|--------|--------|--------|---------|
| #1 | -.00004 | -.00050 | -.00044 | -.00002 | .00072 | .02613 | .00028 | -.01951 |
| #2 | .00000  | .00734  | .00030  | -.00005 | .00057 | .00771 | .00034 | -.01062 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00051 | .00056 | .03340 | .00014 | .00030 | .02708 | .00012 | .00096 |
| Stddev | .00025 | .00111 | .00926 | .00038 | .00000 | .02244 | .00007 | .00176 |
| %RSD   | 48.727 | 197.69 | 27.737 | 271.47 | .47685 | 82.873 | 61.050 | 183.40 |

|    |        |         |         |         |         |         |        |         |
|----|--------|---------|---------|---------|---------|---------|--------|---------|
| #1 | .00069 | -.00022 | -.03995 | -.00013 | -.00030 | -.01121 | .00016 | .00221  |
| #2 | .00034 | .00135  | -.02685 | .00041  | -.00030 | -.04295 | .00007 | -.00029 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00725 | .00792 | .00038 | .00321 | .00286 | .0016  | .00006 |
| Stddev | .00255 | .00209 | .00021 | .00124 | .00056 | .0017  | .00004 |
| %RSD   | 35.150 | 26.350 | 54.783 | 38.556 | 19.383 | 105.9  | 66.168 |

|    |         |         |        |        |         |        |        |
|----|---------|---------|--------|--------|---------|--------|--------|
| #1 | -.00906 | -.00644 | .00053 | .00233 | -.00326 | -.0028 | .00003 |
| #2 | -.00545 | -.00939 | .00023 | .00408 | -.00247 | -.0004 | .00009 |



Sample Name: CCB07      Acquired: 4/28/2017 18:08:09      Type: Unk  
Method: P4-ICP2(v1998)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4356.3  | 59602.  | 5275.3  | 76.232 | 4039.2 |
| Stddev    | 31.7    | 40.     | 13.5    | .636   | 32.2   |
| %RSD      | .72667  | .06673  | .25596  | .83482 | .79664 |
| #1        | 4378.7  | 59630.  | 5284.8  | 76.682 | 4061.9 |
| #2        | 4333.9  | 59574.  | 5265.7  | 75.782 | 4016.4 |