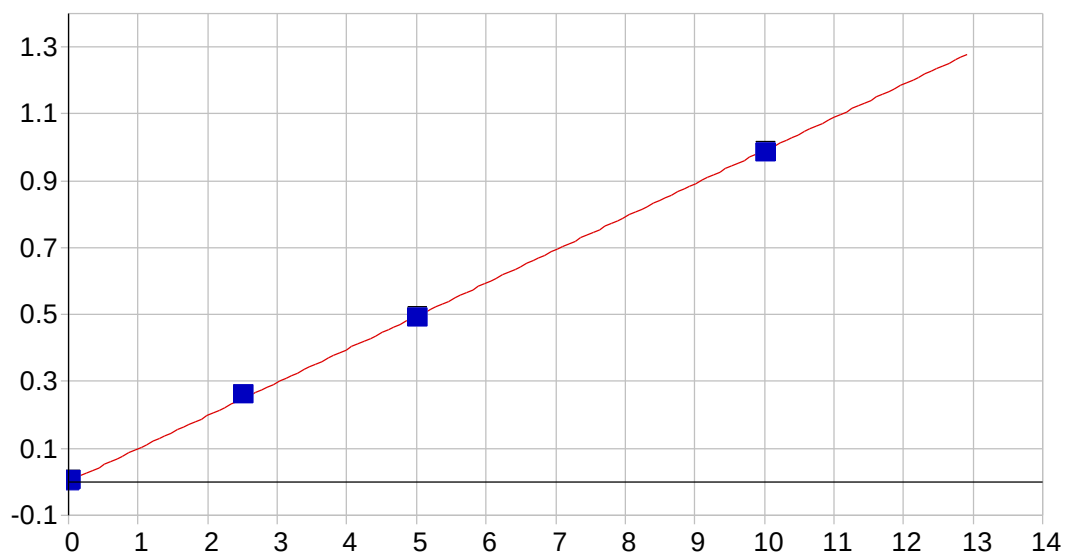




As 189.042 {478}

Date of Fit: 3/10/2017 03:58:00

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000059

Re-Slope: 1.000000

A1 (Gain): 0.098993

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999802

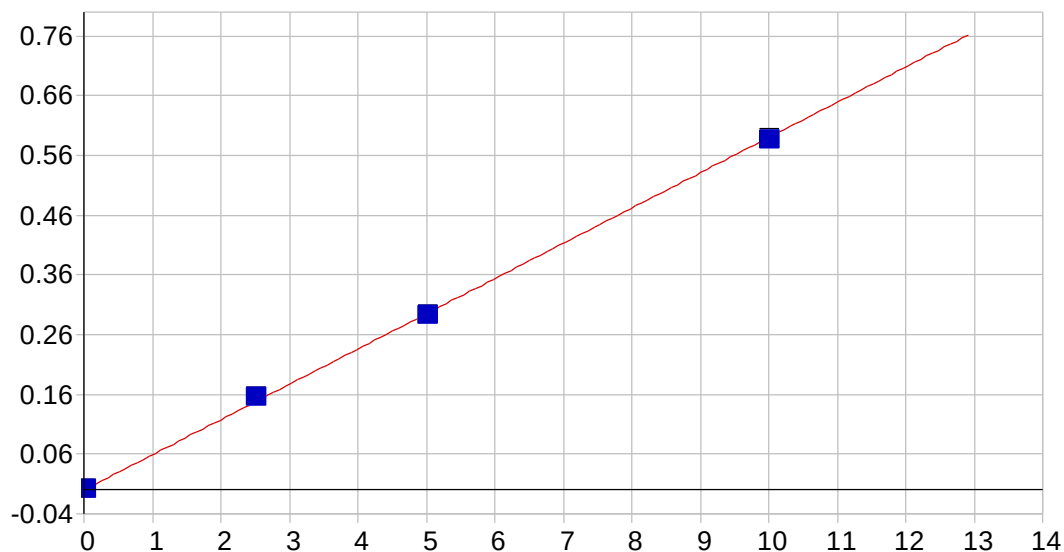
Status: OK.

Std Error of Est: 0.000048

Predicted MDL: 0.002364

Predicted MQL: 0.007880

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00006 | .000    | 1        |
| S1        | .02000       | .01801      | -.002      | -9.95   | .00187 | .000    | 1        |
| S3        | 2.5000       | 2.6207      | .121       | 4.83    | .25983 | .000    | 1        |
| S4        | 5.0000       | 4.9531      | -.047      | -.938   | .49107 | .000    | 1        |
| S5        | 10.000       | 9.9283      | -.072      | -.717   | .98426 | .004    | 1        |

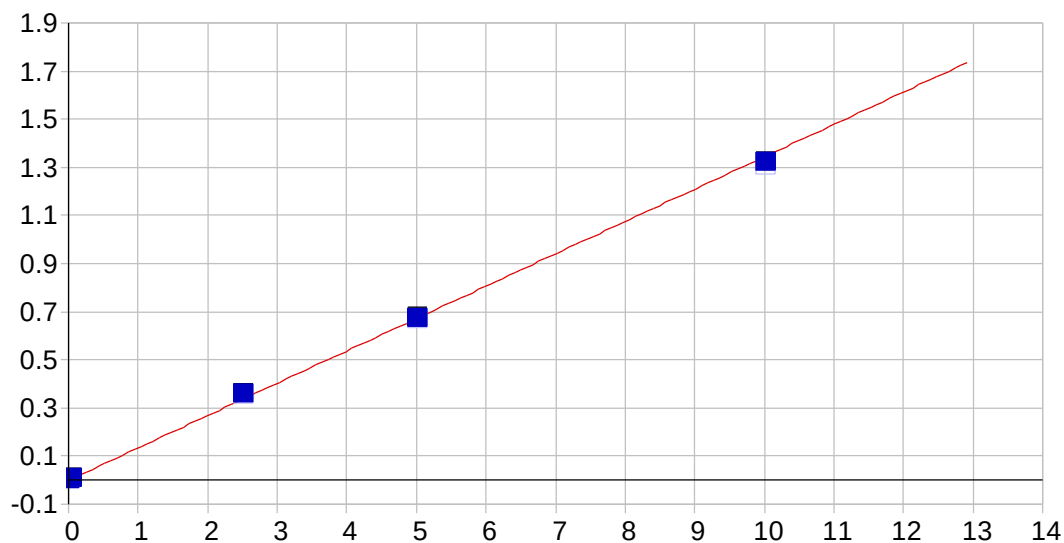


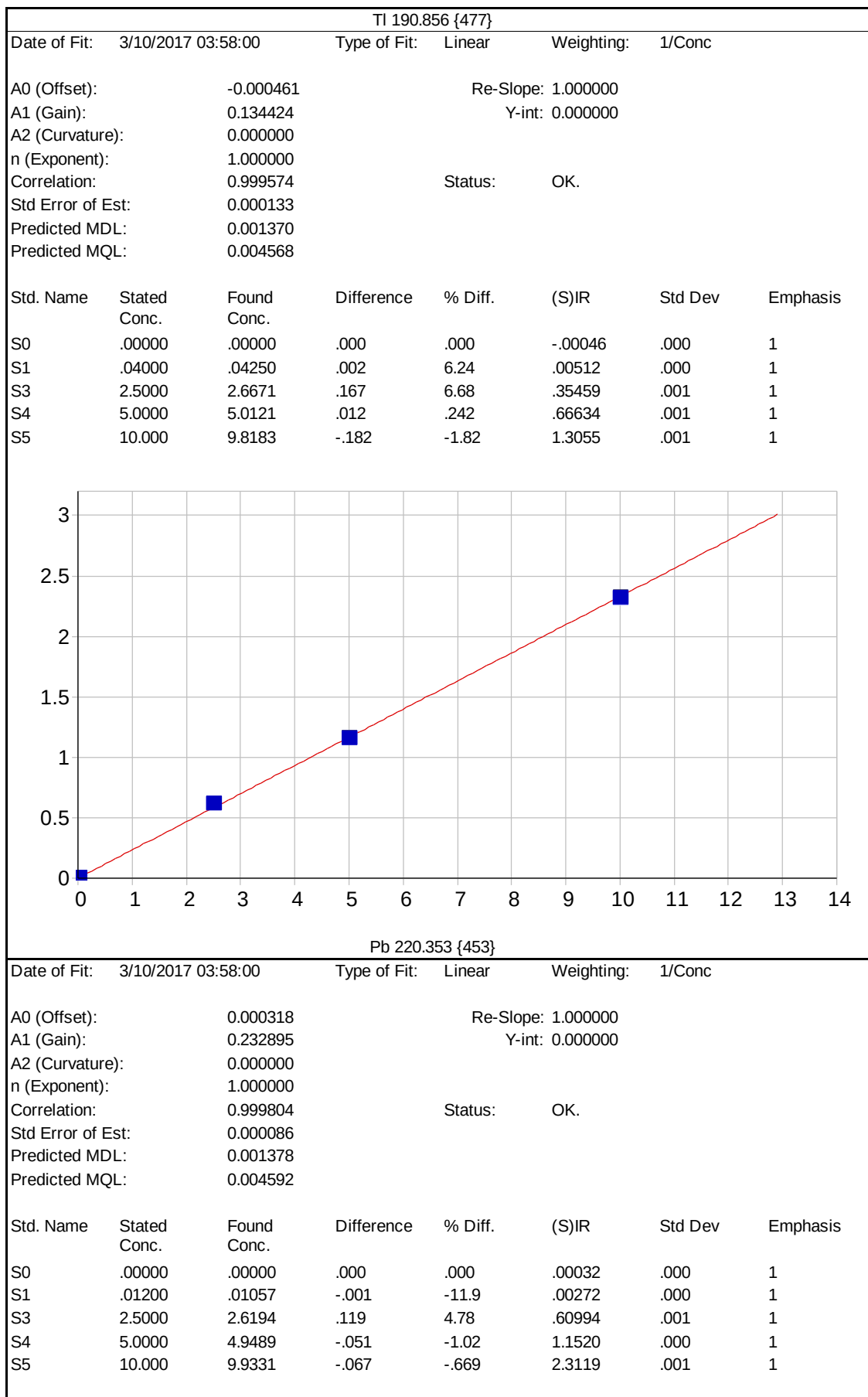
As 189.042 {479}

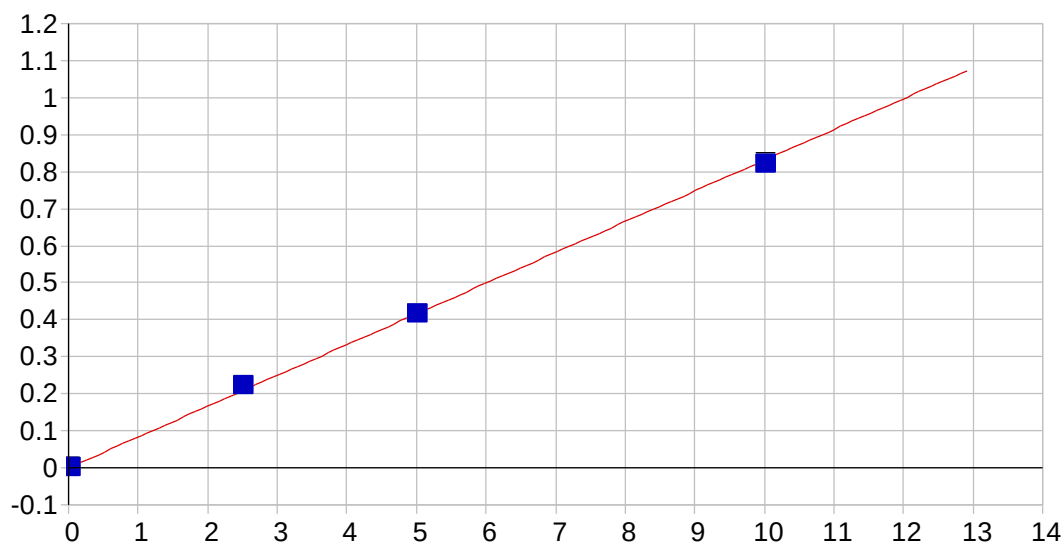
Date of Fit: 3/10/2017 03:58:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000176 Re-Slope: 1.000000  
 A1 (Gain): 0.059018 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999779 Status: OK.  
 Std Error of Est: 0.000030  
 Predicted MDL: 0.002512  
 Predicted MQL: 0.008374

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00018 | .000    | 1        |
| S1        | .02000       | .01952      | .000       | -2.41   | .00099  | .000    | 1        |
| S3        | 2.5000       | 2.6289      | .129       | 5.16    | .15518  | .001    | 1        |
| S4        | 5.0000       | 4.9539      | -.046      | -.921   | .29260  | .000    | 1        |
| S5        | 10.000       | 9.9176      | -.082      | -.824   | .58595  | .003    | 1        |





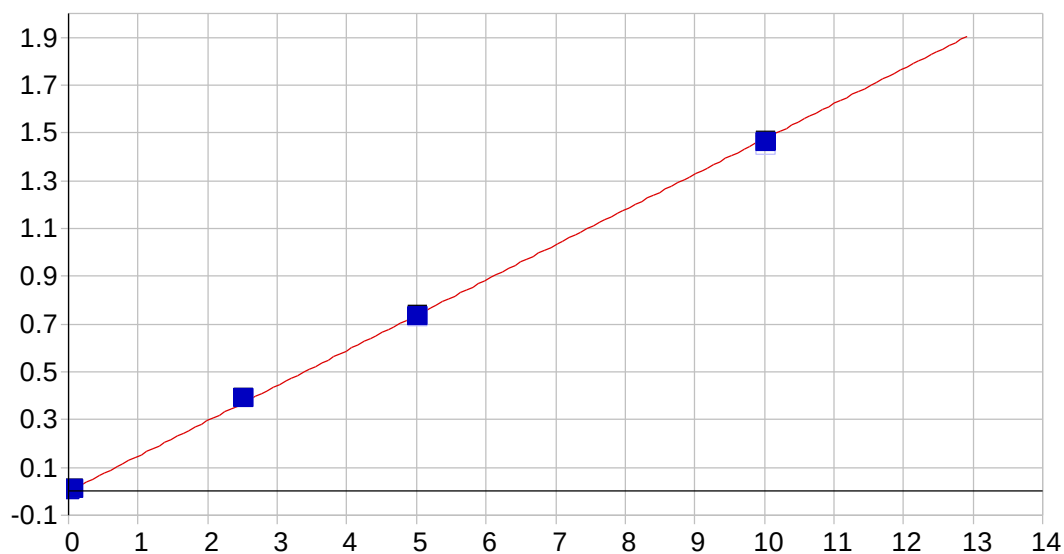


Se 196.090 {472}

Date of Fit: 3/10/2017 03:58:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000072 Re-Slope: 1.000000  
 A1 (Gain): 0.083100 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999670 Status: OK.  
 Std Error of Est: 0.000052  
 Predicted MDL: 0.002517  
 Predicted MQL: 0.008390

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00007 | .000    | 1        |
| S1        | .02000       | .02143      | .001       | 7.17    | .00185 | .000    | 1        |
| S3        | 2.5000       | 2.6531      | .153       | 6.12    | .22068 | .001    | 1        |
| S4        | 5.0000       | 4.9899      | -.010      | -.202   | .41501 | .001    | 1        |
| S5        | 10.000       | 9.8556      | -.144      | -1.44   | .81963 | .004    | 1        |

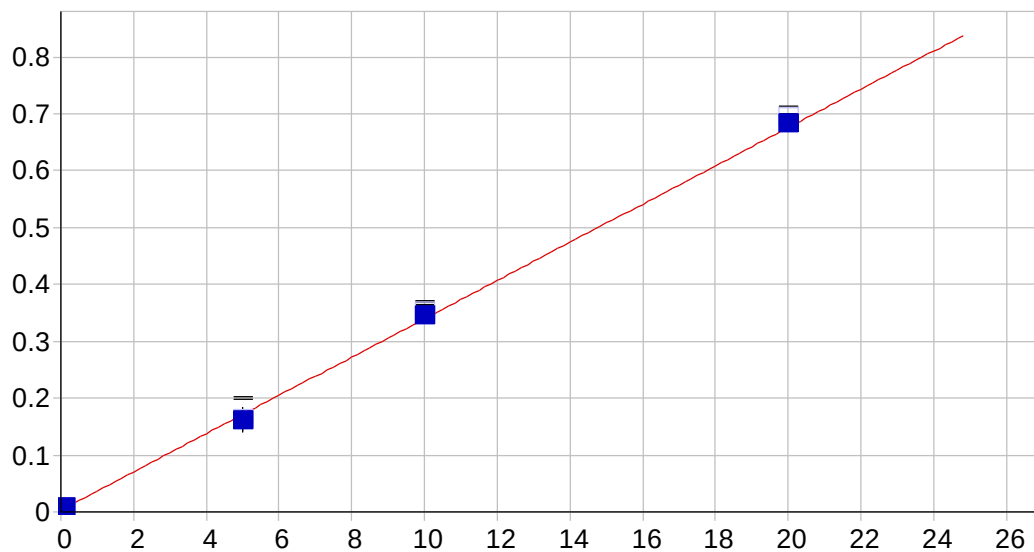


## Sb 206.833 {463}

Date of Fit: 3/10/2017 03:58:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000035 Re-Slope: 1.000000  
 A1 (Gain): 0.147416 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999746 Status: OK.  
 Std Error of Est: 0.000126  
 Predicted MDL: 0.001641  
 Predicted MQL: 0.005471

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00004 | .000    | 1        |
| S1        | .05000       | .05198      | .002       | 3.96    | .00757  | .000    | 1        |
| S3        | 2.5000       | 2.6357      | .136       | 5.43    | .38506  | .000    | 1        |
| S4        | 5.0000       | 4.9645      | -.035      | -.710   | .72491  | .001    | 1        |
| S5        | 10.000       | 9.8978      | -.102      | -1.02   | 1.4453  | .005    | 1        |

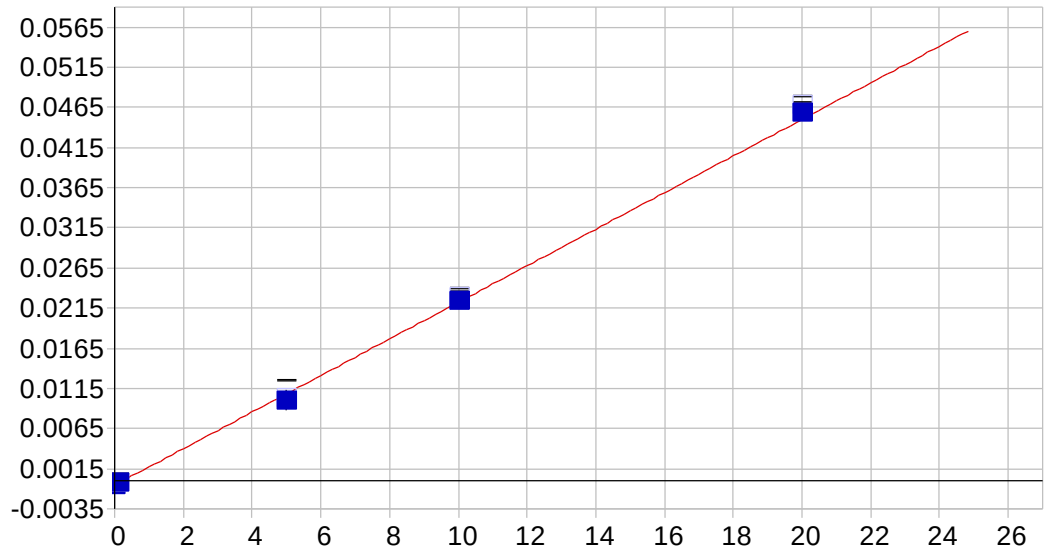


## Al 308.215 {109}

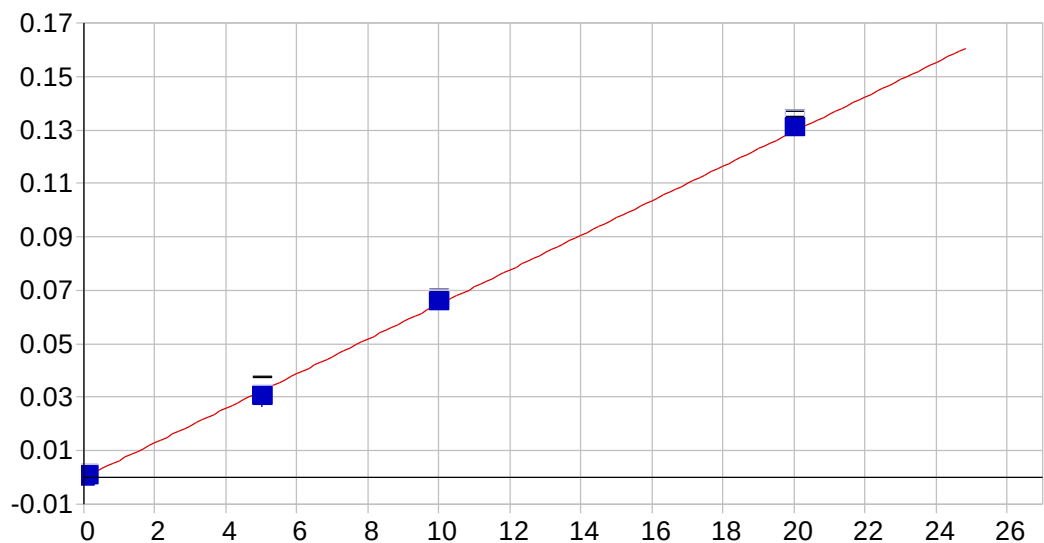
Date of Fit: 3/10/2017 03:58:00 Type of Fit: Linear Weighting: 1/Conc

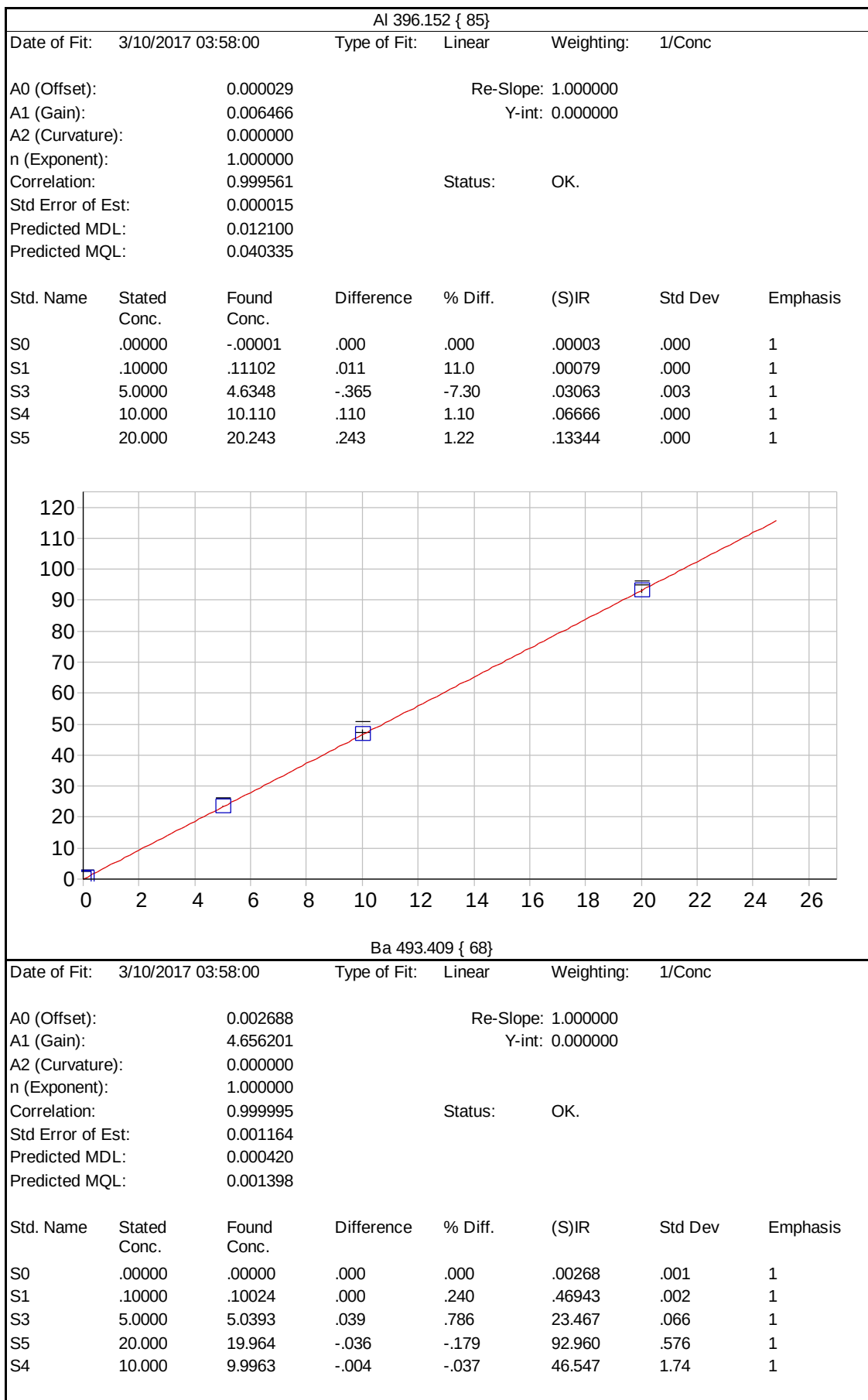
A0 (Offset): 0.003183 Re-Slope: 1.000000  
 A1 (Gain): 0.033629 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999620 Status: OK.  
 Std Error of Est: 0.000072  
 Predicted MDL: 0.002637  
 Predicted MQL: 0.008791

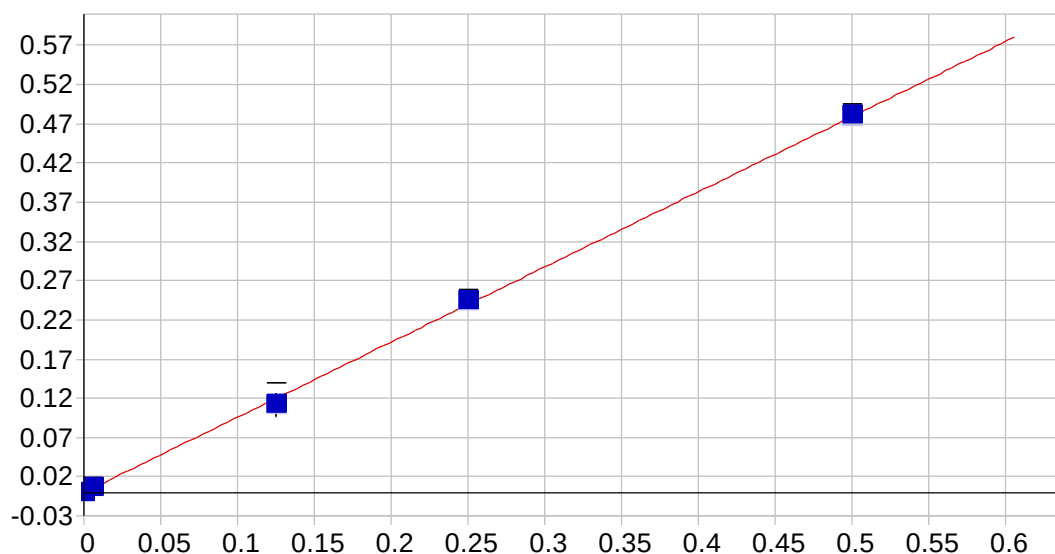
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00318 | .000    | 1        |
| S1        | .10000       | .10104      | .001       | 1.04    | .00681 | .000    | 1        |
| S3        | 5.0000       | 4.6588      | -.341      | -6.82   | .16313 | .021    | 1        |
| S4        | 10.000       | 10.177      | .177       | 1.77    | .35198 | .000    | 1        |
| S5        | 20.000       | 20.163      | .163       | .816    | .69435 | .000    | 1        |



| AI 309.271 {109}  |              |                    |            |                    |         |            |          |
|-------------------|--------------|--------------------|------------|--------------------|---------|------------|----------|
| Date of Fit:      |              | 3/10/2017 03:58:00 |            | Type of Fit:       | Linear  | Weighting: | 1/Conc   |
| A0 (Offset):      |              | -0.000564          |            | Re-Slope: 1.000000 |         |            |          |
| A1 (Gain):        |              | 0.002279           |            | Y-int: 0.000000    |         |            |          |
| A2 (Curvature):   |              | 0.000000           |            |                    |         |            |          |
| n (Exponent):     |              | 1.000000           |            |                    |         |            |          |
| Correlation:      |              | 0.999491           |            | Status:            | OK.     |            |          |
| Std Error of Est: |              | 0.000006           |            |                    |         |            |          |
| Predicted MDL:    |              | 0.026480           |            |                    |         |            |          |
| Predicted MQL:    |              | 0.088268           |            |                    |         |            |          |
|                   |              |                    |            |                    |         |            |          |
| Std. Name         | Stated Conc. | Found Conc.        | Difference | % Diff.            | (S)IR   | Std Dev    | Emphasis |
| S0                | .00000       | .00000             | .000       | .000               | -.00056 | .000       | 1        |
| S1                | .10000       | .11015             | .010       | 10.2               | -.00030 | .000       | 1        |
| S3                | 5.0000       | 4.6128             | -.387      | -7.74              | .01017  | .001       | 1        |
| S4                | 10.000       | 10.029             | .029       | .291               | .02273  | .000       | 1        |
| S5                | 20.000       | 20.347             | .347       | 1.74               | .04669  | .000       | 1        |







Be 234.861 {144}

Date of Fit: 3/10/2017 03:58:00

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000091

Re-Slope: 1.000000

A1 (Gain): 0.958442

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999625

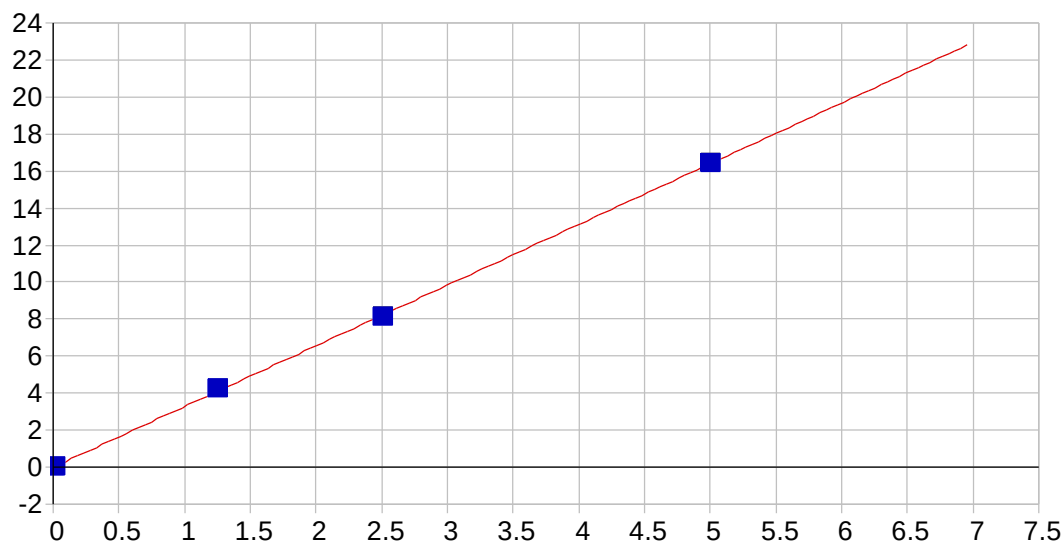
Status: OK.

Std Error of Est: 0.000077

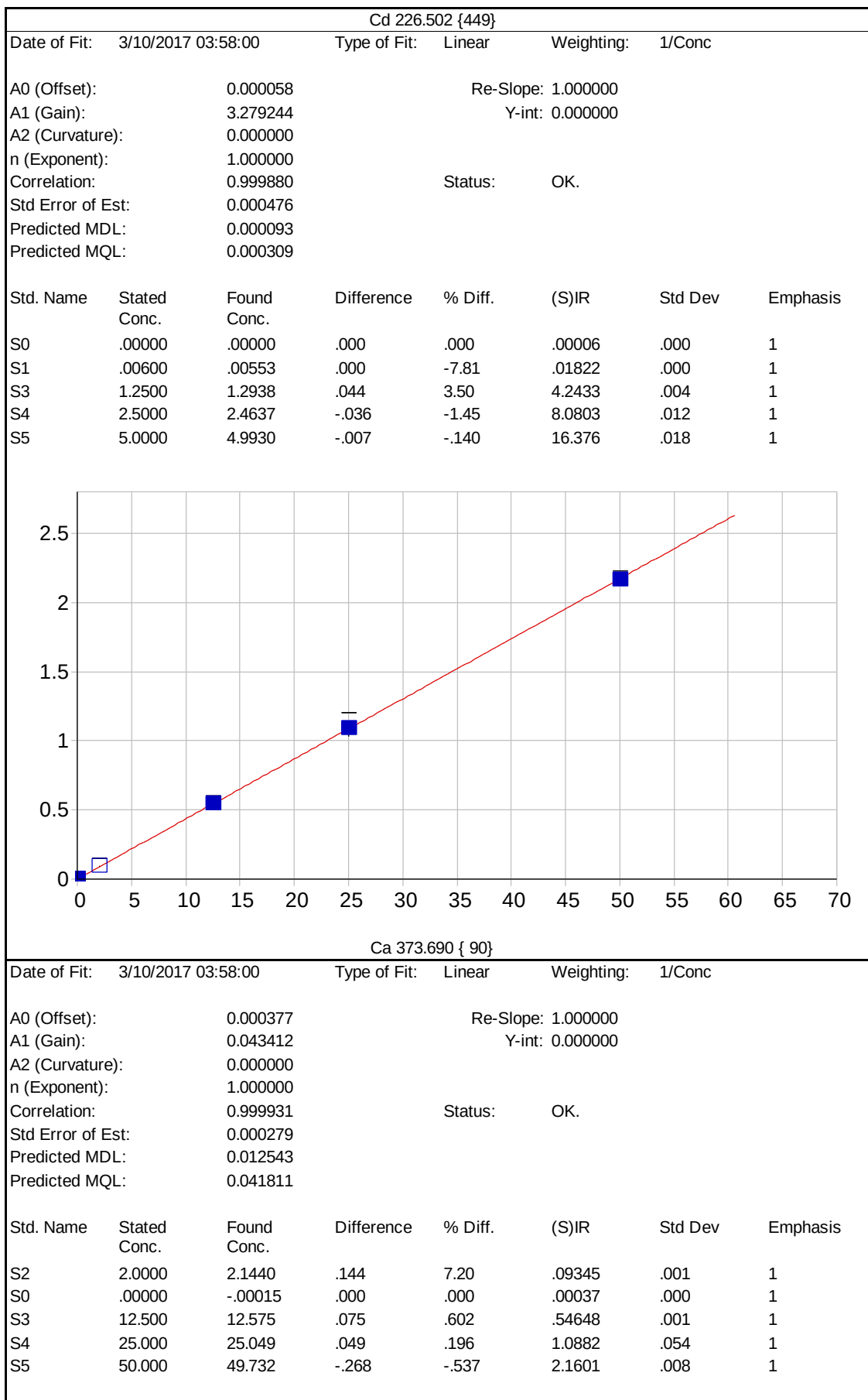
Predicted MDL: 0.000058

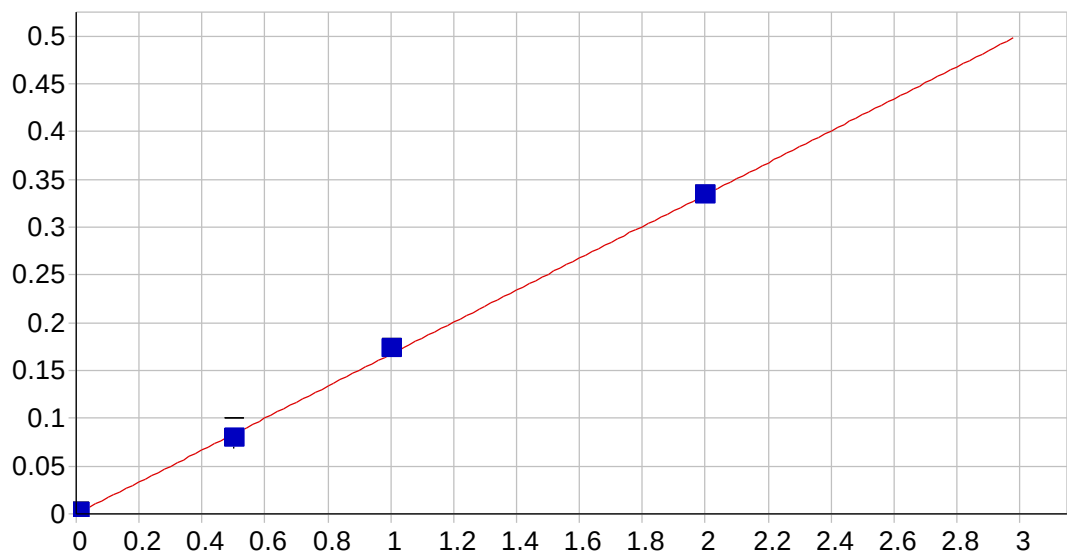
Predicted MQL: 0.000192

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00009 | .000    | 1        |
| S1        | .00600       | .00612      | .000       | 1.95    | .00571  | .000    | 1        |
| S3        | .12500       | .11690      | -.008      | -6.48   | .11117  | .015    | 1        |
| S4        | .25000       | .25529      | .005       | 2.12    | .24301  | .001    | 1        |
| S5        | .50000       | .50269      | .003       | .538    | .47856  | .001    | 1        |

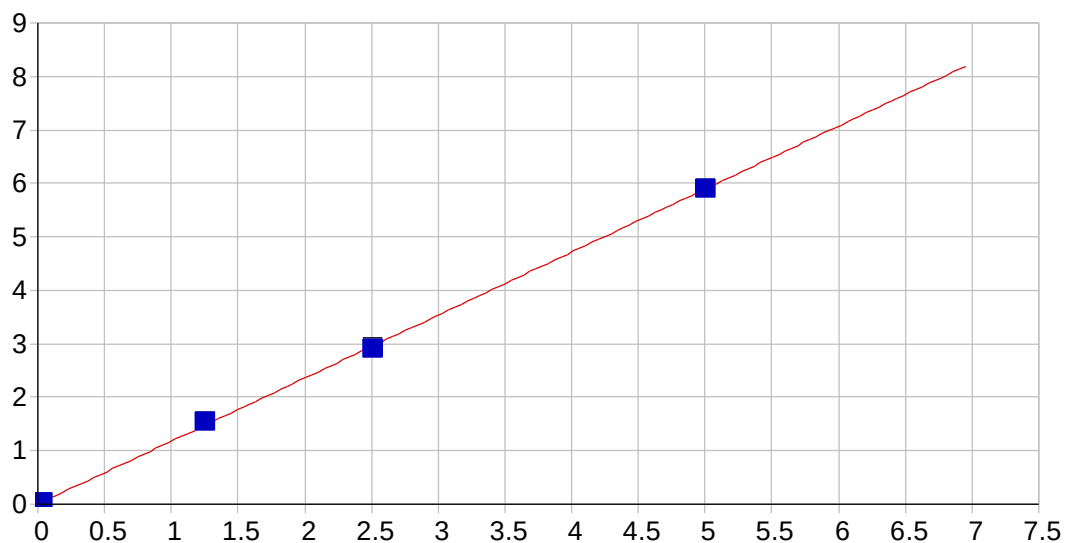


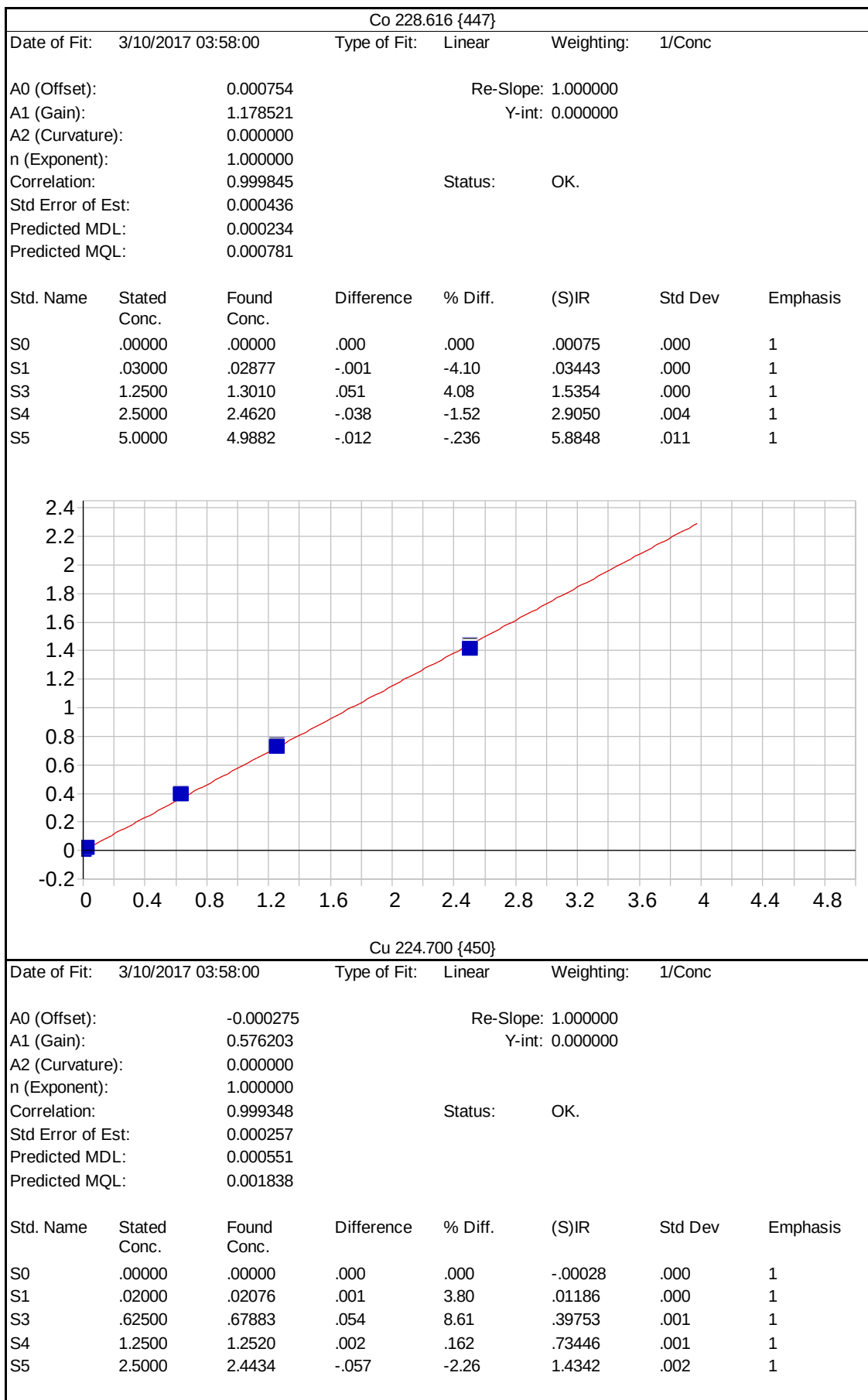


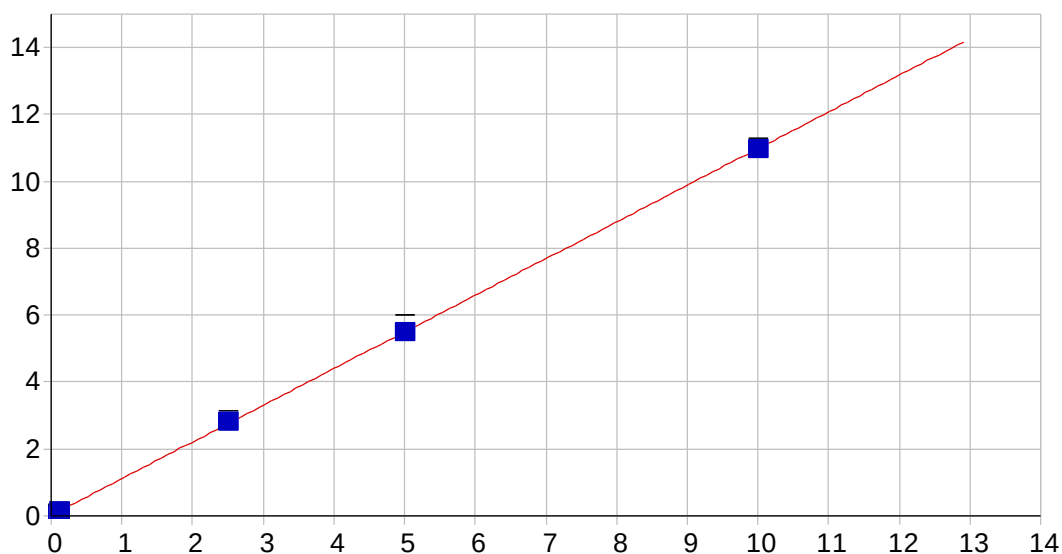




| Cr 267.716 {126}  |              |                    |            |              |        |            |          |
|-------------------|--------------|--------------------|------------|--------------|--------|------------|----------|
| Date of Fit:      |              | 3/10/2017 03:58:00 |            | Type of Fit: | Linear | Weighting: | 1/Conc   |
| A0 (Offset):      |              | 0.000057           |            | Re-Slope:    |        | 1.000000   |          |
| A1 (Gain):        |              | 0.167004           |            | Y-int:       |        | 0.000000   |          |
| A2 (Curvature):   |              | 0.000000           |            |              |        |            |          |
| n (Exponent):     |              | 1.000000           |            |              |        |            |          |
| Correlation:      |              | 0.999668           |            | Status:      | OK.    |            |          |
| Std Error of Est: |              | 0.000033           |            |              |        |            |          |
| Predicted MDL:    |              | 0.000432           |            |              |        |            |          |
| Predicted MQL:    |              | 0.001439           |            |              |        |            |          |
|                   |              |                    |            |              |        |            |          |
| Std. Name         | Stated Conc. | Found Conc.        | Difference | % Diff.      | (S)IR  | Std Dev    | Emphasis |
| S0                | .00000       | .00000             | .000       | .000         | .00006 | .000       | 1        |
| S1                | .01000       | .01044             | .000       | 4.37         | .00180 | .000       | 1        |
| S3                | .50000       | .47450             | -.025      | -5.10        | .07939 | .010       | 1        |
| S4                | 1.0000       | 1.0315             | .032       | 3.15         | .17251 | .001       | 1        |
| S5                | 2.0000       | 1.9935             | -.006      | -.323        | .33335 | .000       | 1        |







Fe 240.488 {140}

Date of Fit: 3/10/2017 03:58:00

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.013939

Re-Slope: 1.000000

A1 (Gain): 1.096527

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999957

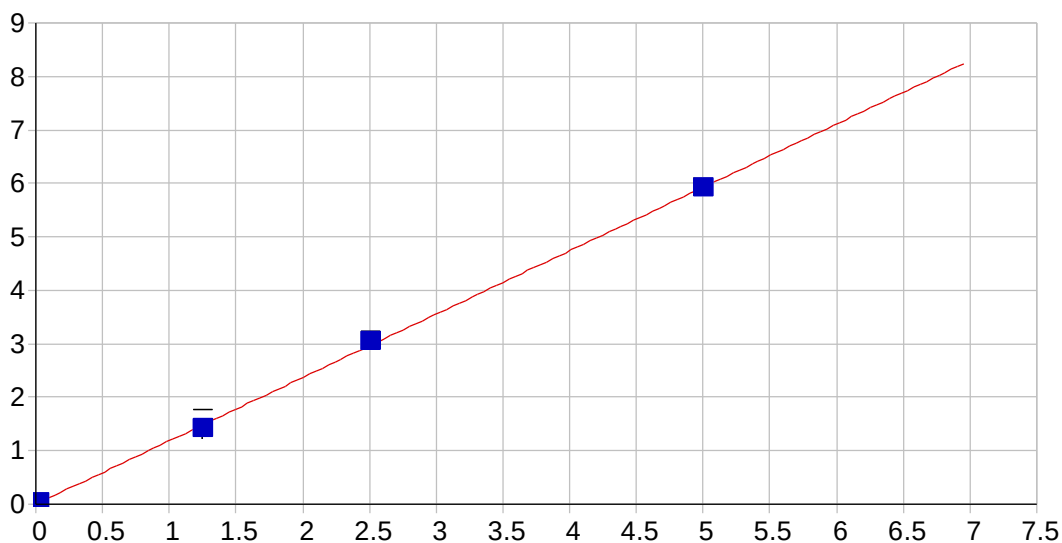
Status: OK.

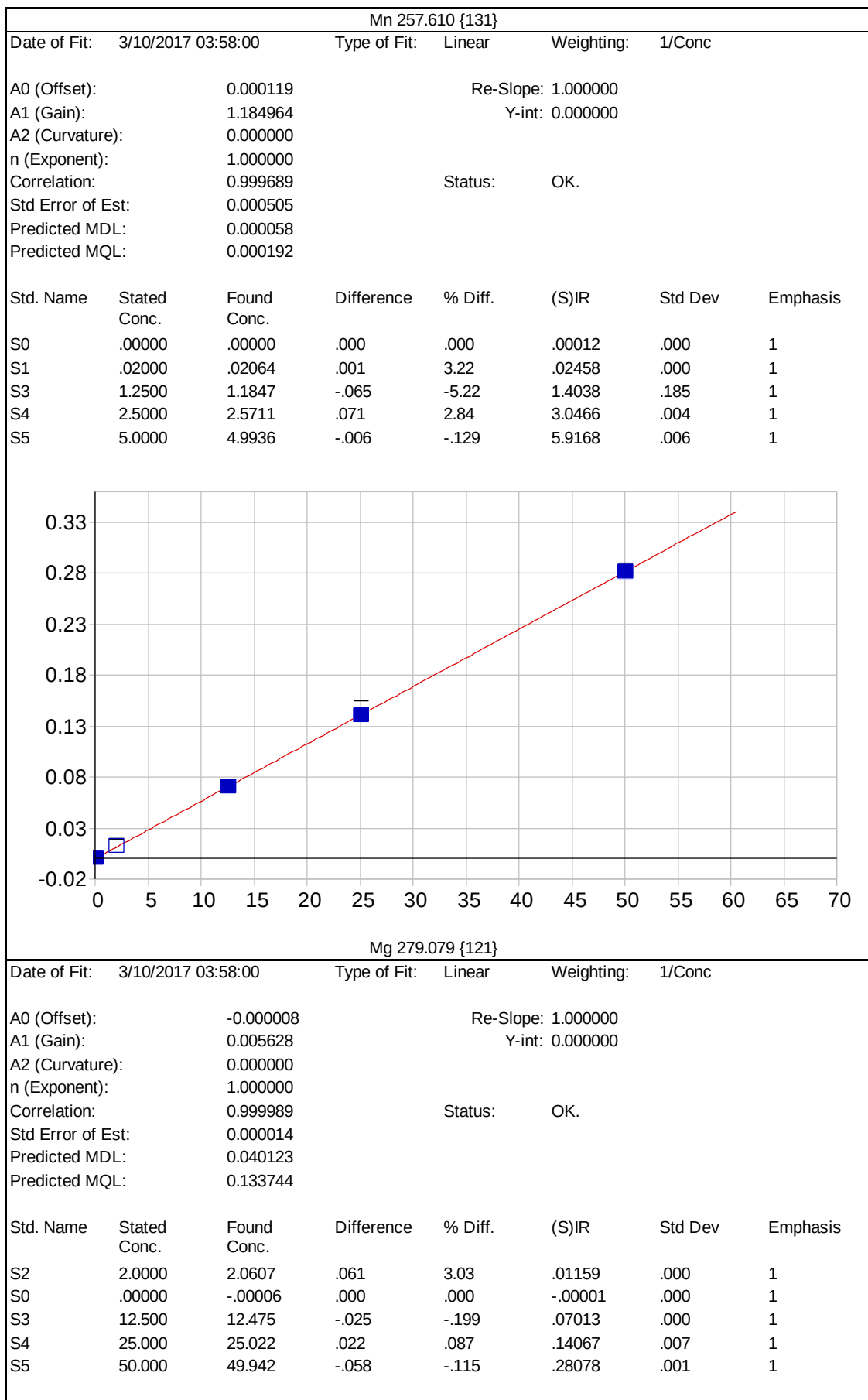
Std Error of Est: 0.000549

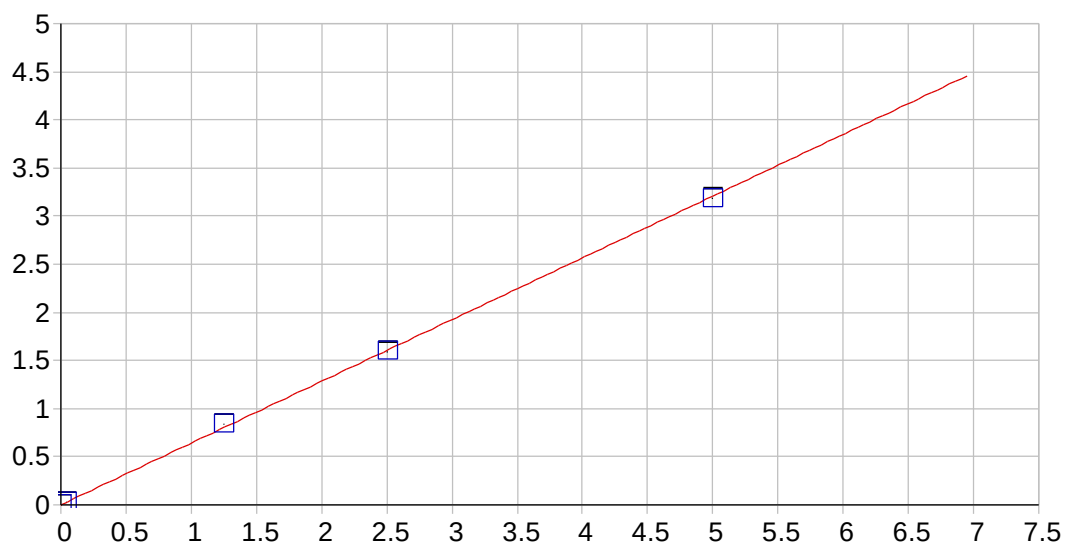
Predicted MDL: 0.010579

Predicted MQL: 0.035263

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | .01395 | .011    | 1        |
| S1        | .10000       | .09102      | -.009      | -8.98   | .11362 | .005    | 1        |
| S3        | 2.5000       | 2.5398      | .040       | 1.59    | 2.7940 | .034    | 1        |
| S4        | 5.0000       | 4.9873      | -.013      | -.255   | 5.4727 | .228    | 1        |
| S5        | 10.000       | 9.9819      | -.018      | -.181   | 10.940 | .033    | 1        |





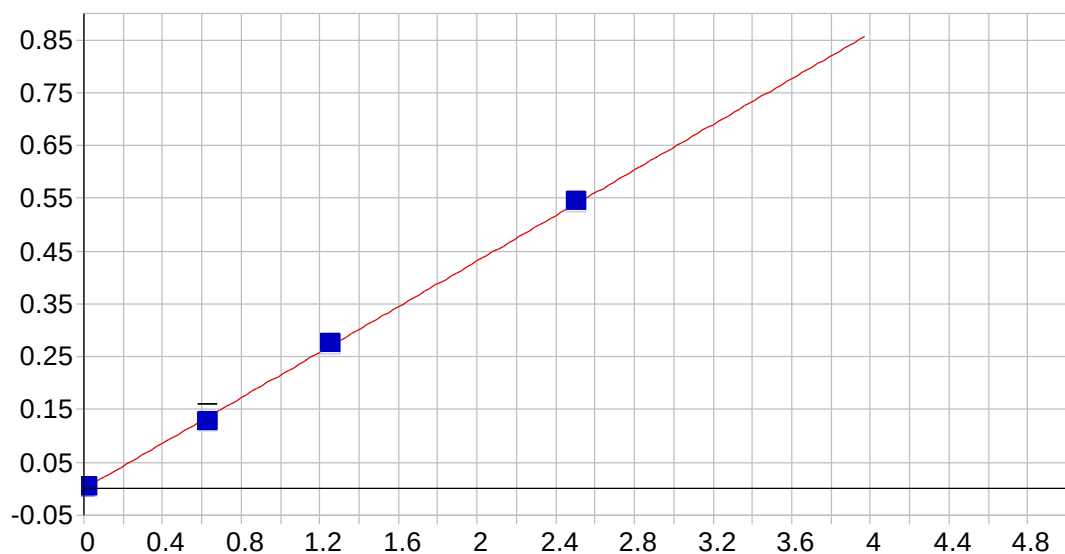


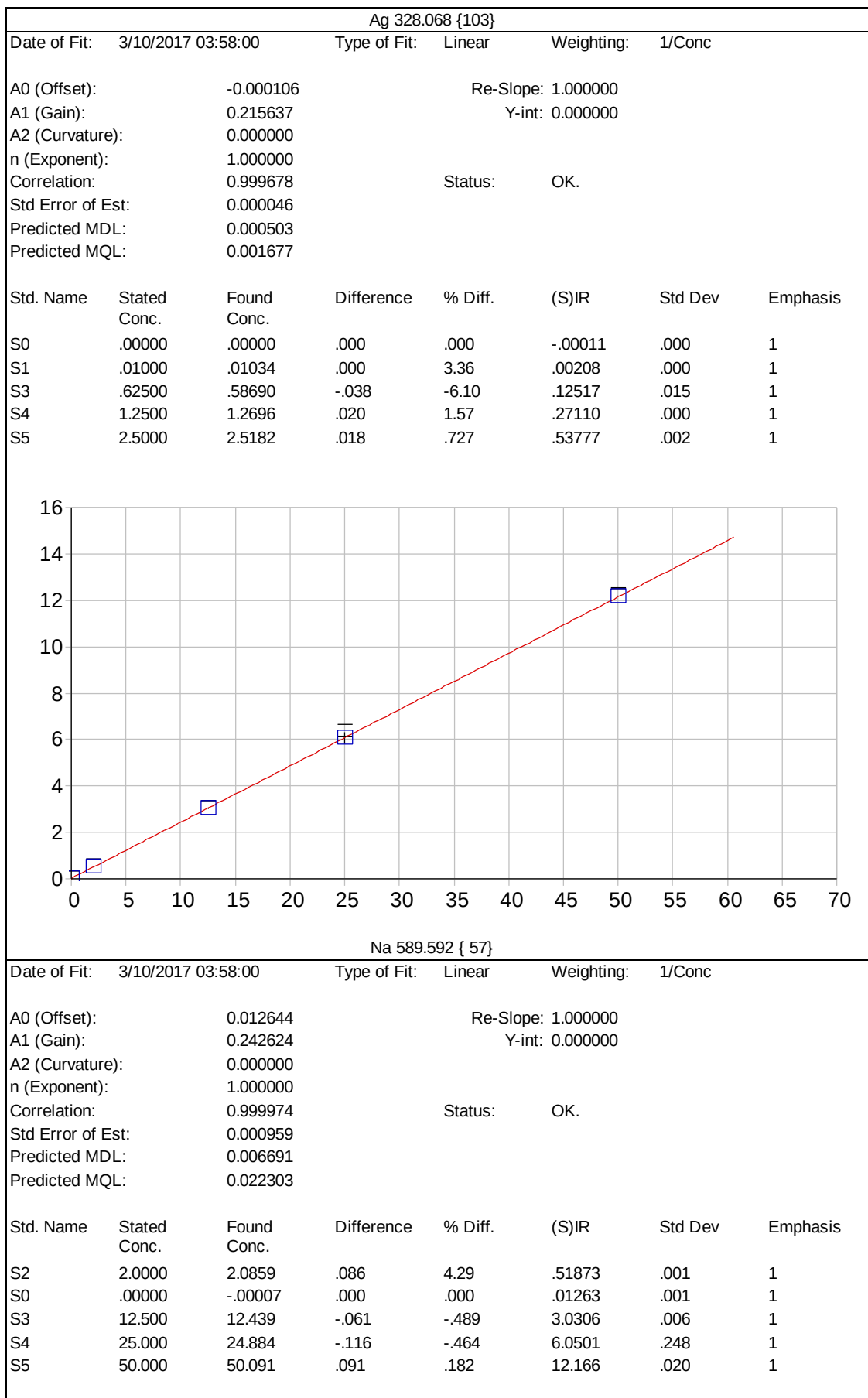
Ni 231.604 {445}

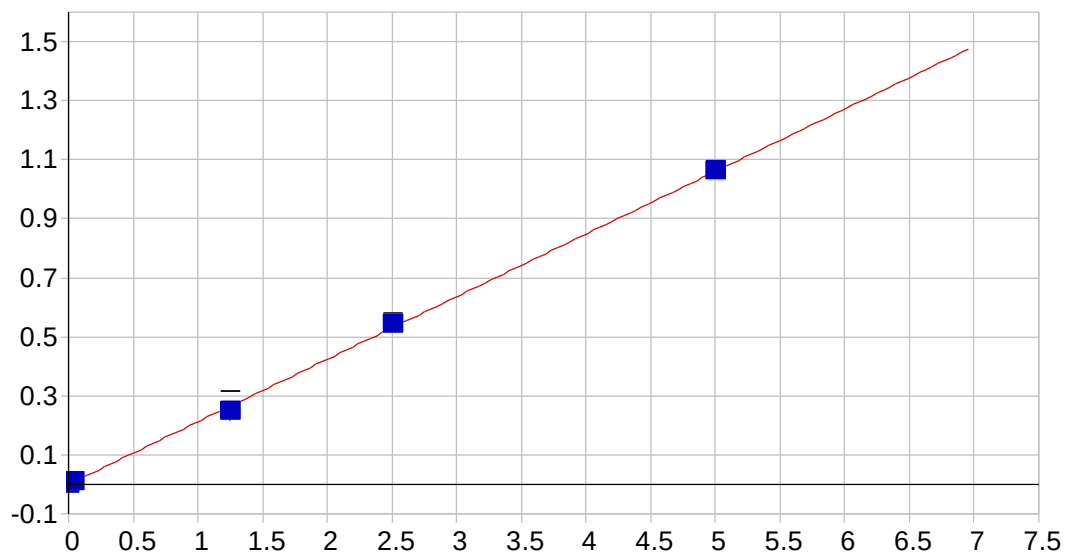
Date of Fit: 3/10/2017 03:58:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000097 Re-Slope: 1.000000  
 A1 (Gain): 0.641417 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999792 Status: OK.  
 Std Error of Est: 0.000316  
 Predicted MDL: 0.000423  
 Predicted MQL: 0.001410

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00010 | .000    | 1        |
| S1        | .04000       | .03869      | -.001      | -3.28   | .02491 | .000    | 1        |
| S3        | 1.2500       | 1.3124      | .062       | 4.99    | .84186 | .002    | 1        |
| S4        | 2.5000       | 2.4779      | -.022      | -.883   | 1.5895 | .002    | 1        |
| S5        | 5.0000       | 4.9610      | -.039      | -.780   | 3.1822 | .004    | 1        |





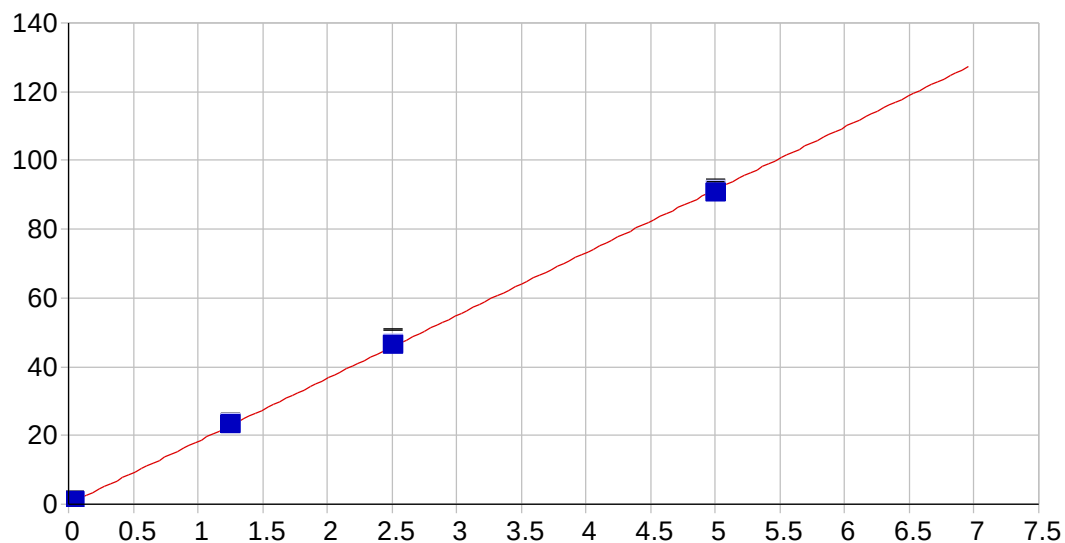


V 292.402 {115}

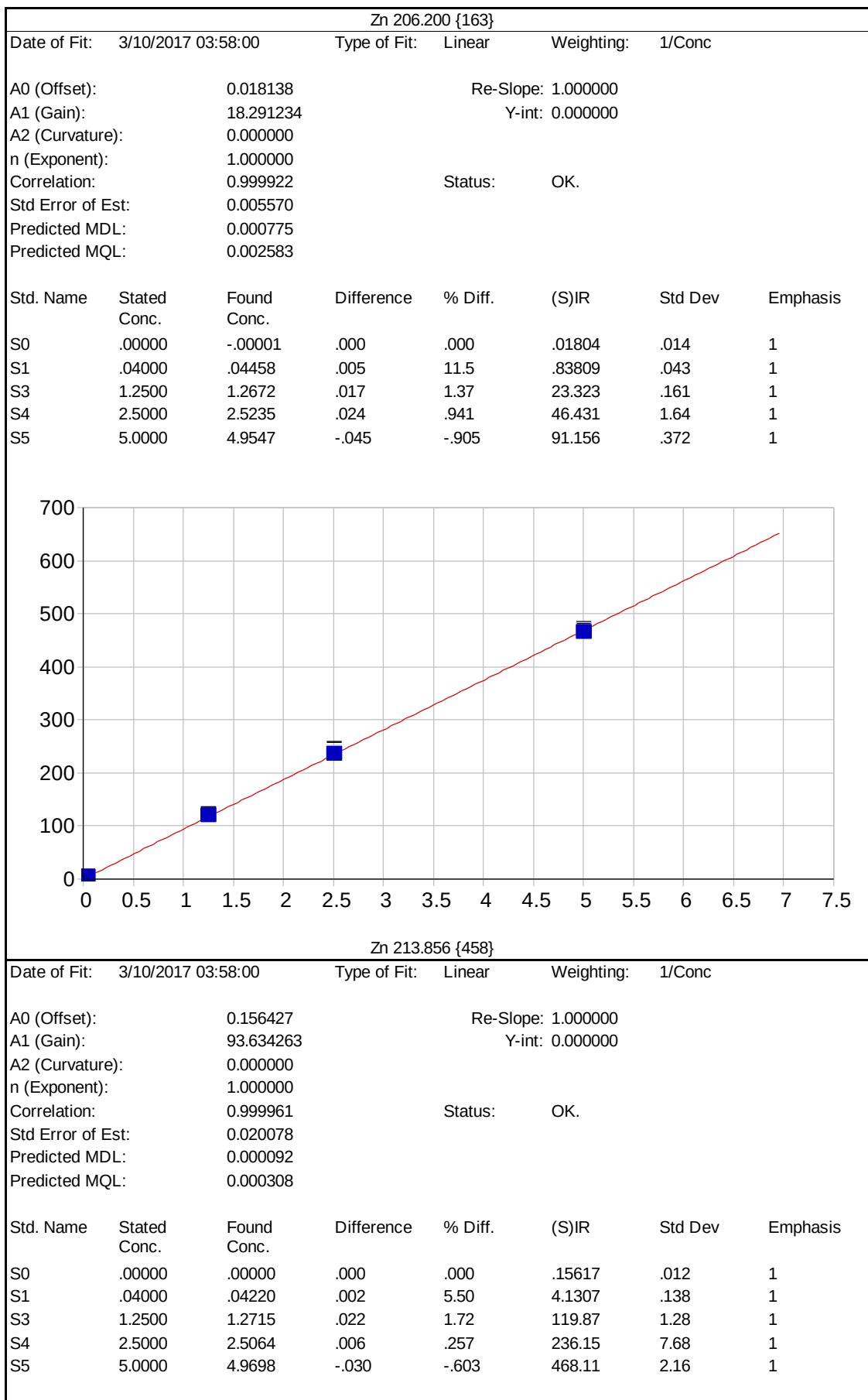
Date of Fit: 3/10/2017 03:58:00 Type of Fit: Linear Weighting: 1/Conc

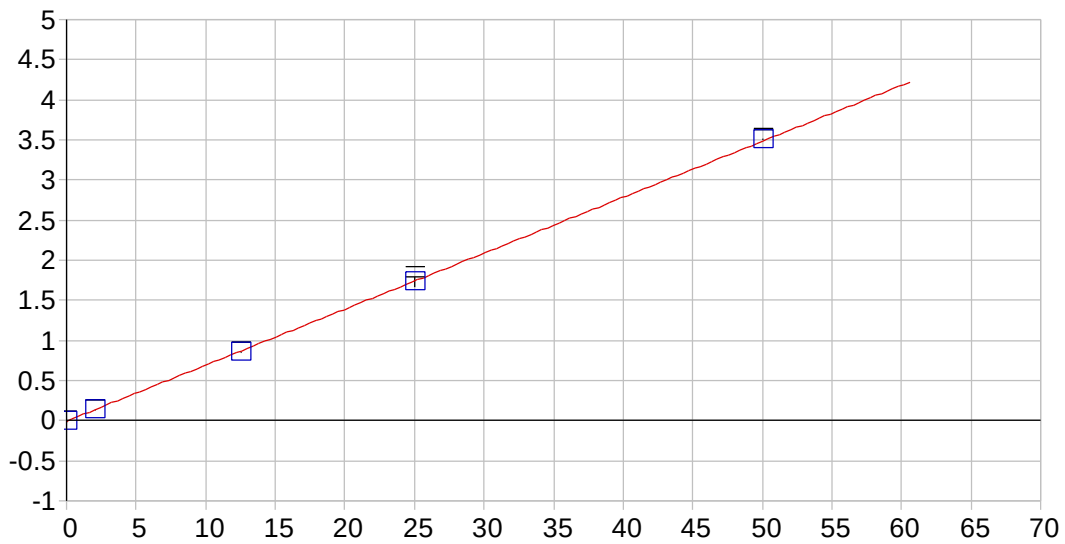
A0 (Offset): -0.000053 Re-Slope: 1.000000  
 A1 (Gain): 0.211982 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999643 Status: OK.  
 Std Error of Est: 0.000136  
 Predicted MDL: 0.000414  
 Predicted MQL: 0.001381

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00005 | .000    | 1        |
| S1        | .04000       | .04026      | .000       | .642    | .00835  | .000    | 1        |
| S3        | 1.2500       | 1.1743      | -.076      | -6.06   | .24717  | .032    | 1        |
| S4        | 2.5000       | 2.5627      | .063       | 2.51    | .53978  | .001    | 1        |
| S5        | 5.0000       | 5.0128      | .013       | .256    | 1.0558  | .001    | 1        |









K 766.490 { 44}

Date of Fit: 3/10/2017 03:58:00

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.004463

Re-Slope: 1.000000

A1 (Gain): 0.069742

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999970

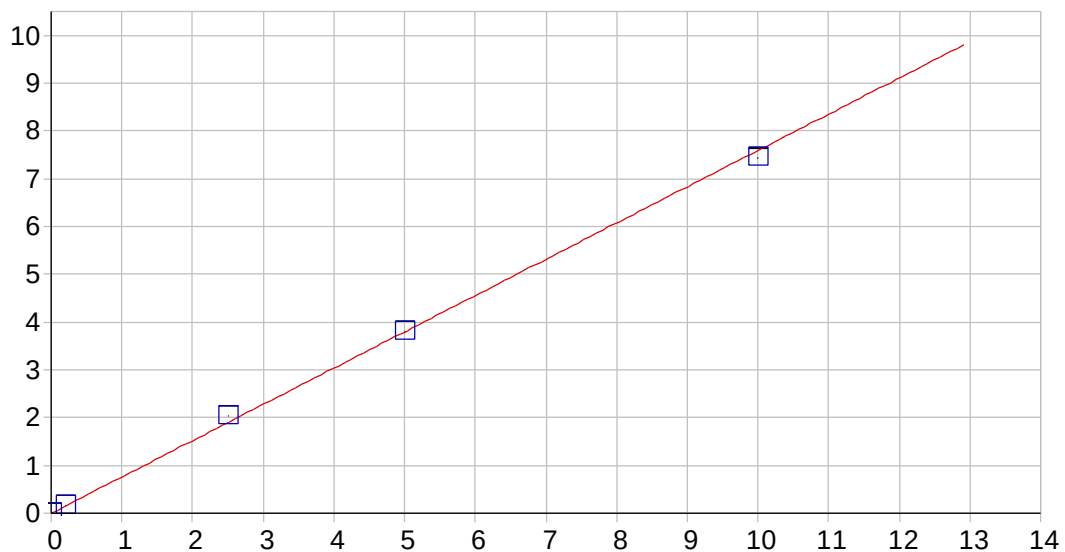
Status: OK.

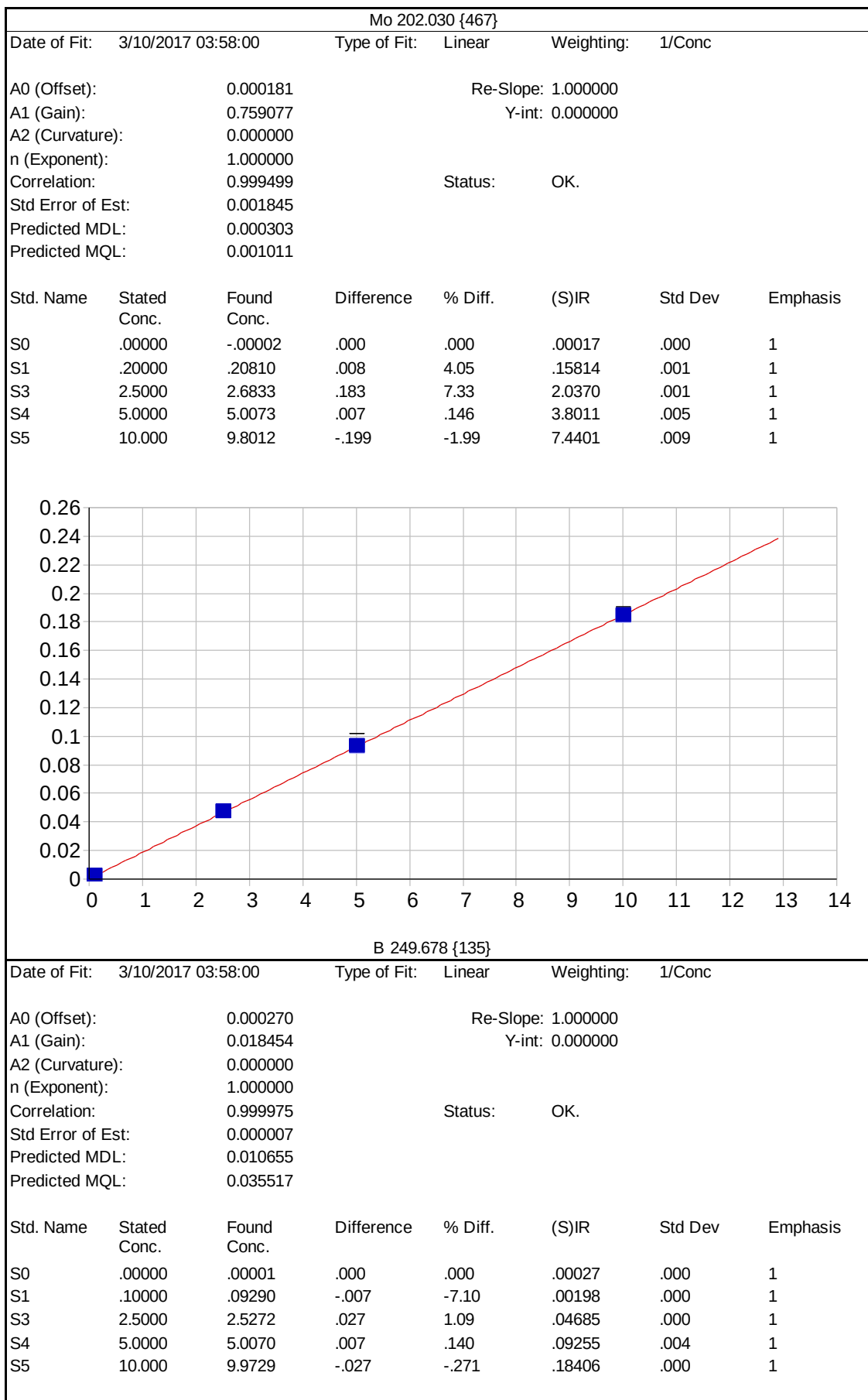
Std Error of Est: 0.000294

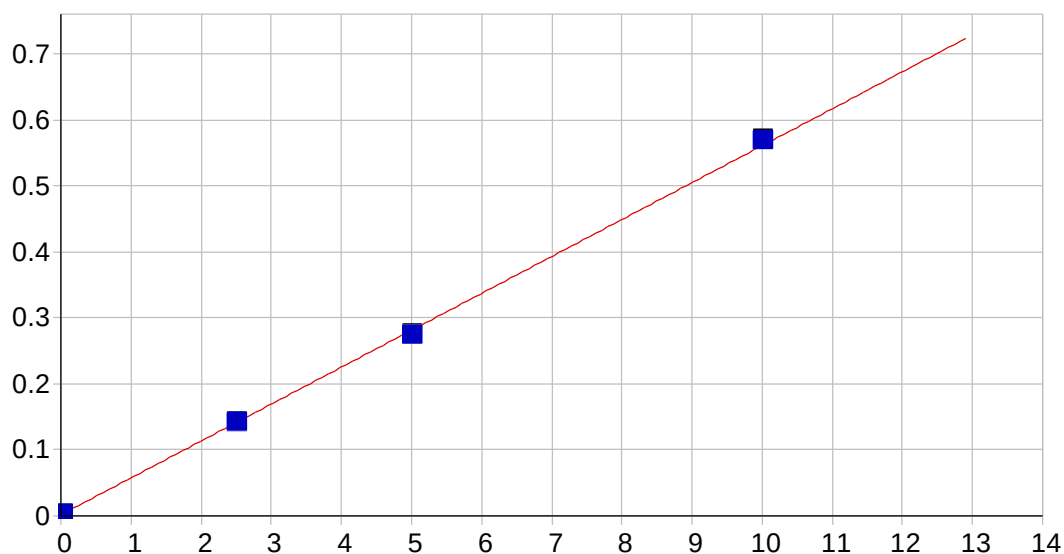
Predicted MDL: 0.024853

Predicted MQL: 0.082842

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S2        | 2.0000       | 2.0252      | .025       | 1.26    | .13677  | .000    | 1        |
| S0        | .00000       | .00000      | .000       | .000    | -.00446 | .002    | 1        |
| S3        | 12.500       | 12.319      | -.181      | -1.45   | .85467  | .001    | 1        |
| S4        | 25.000       | 24.866      | -.134      | -.537   | 1.7297  | .068    | 1        |
| S5        | 50.000       | 50.290      | .290       | .580    | 3.5029  | .009    | 1        |







S 182.034 {485}

Date of Fit: 3/10/2017 03:58:00

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001364

Re-Slope: 1.000000

A1 (Gain): 0.055951

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999827

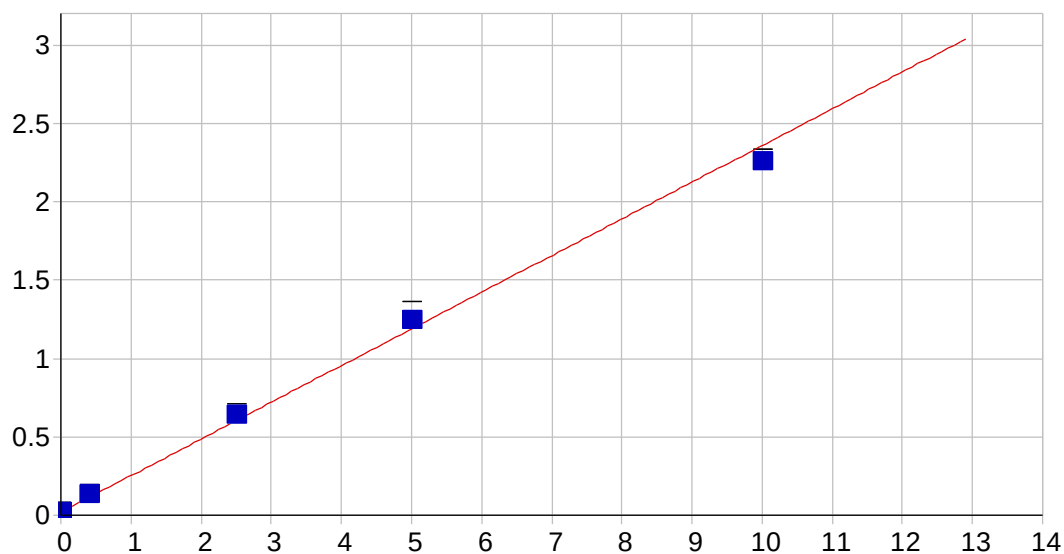
Status: OK.

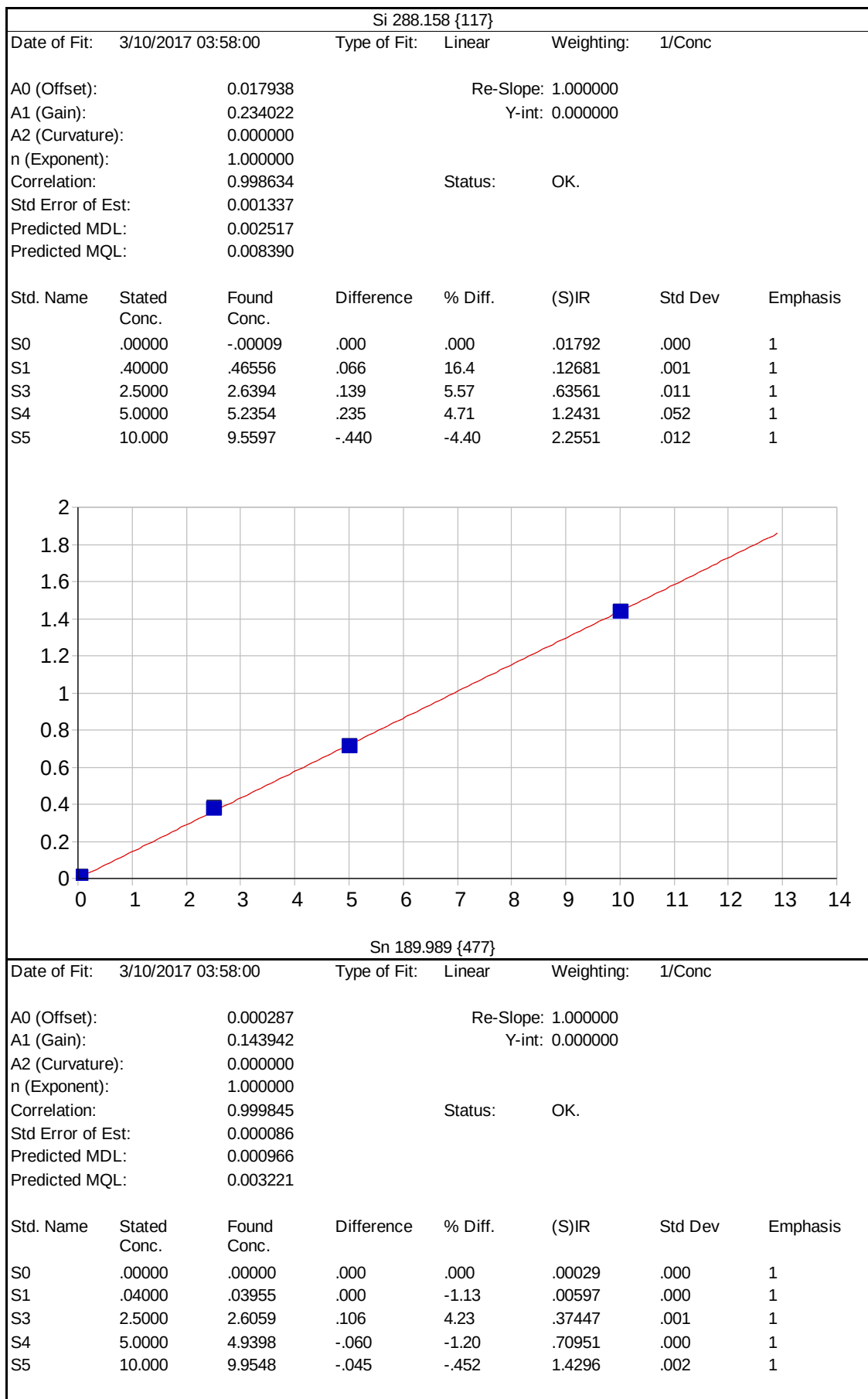
Std Error of Est: 0.000025

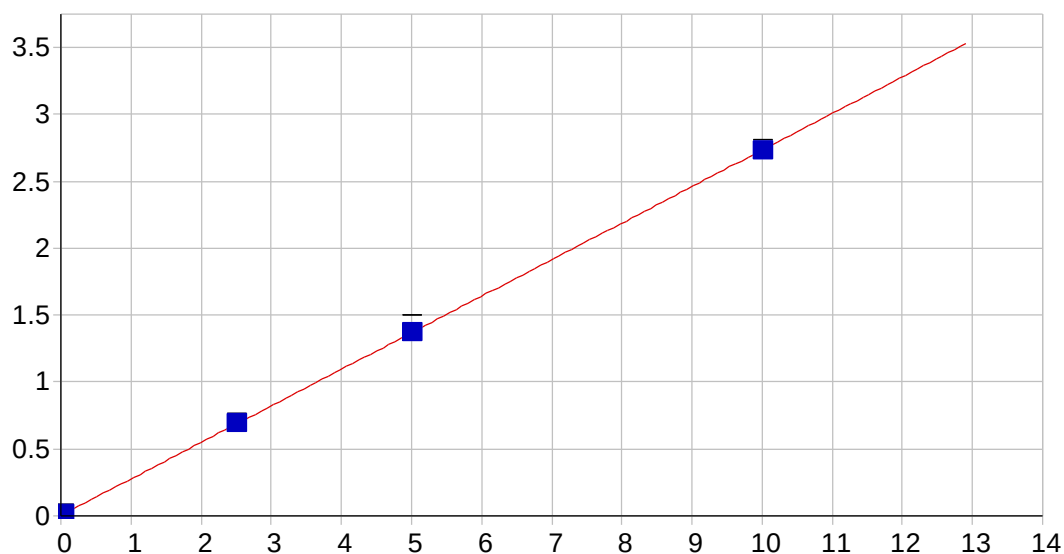
Predicted MDL: 0.002870

Predicted MQL: 0.009566

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00136 | .000    | 1        |
| S1        | .02000       | .01614      | -.004      | -19.3   | .00224 | .000    | 1        |
| S3        | 2.5000       | 2.4906      | -.009      | -.375   | .14044 | .000    | 1        |
| S4        | 5.0000       | 4.8721      | -.128      | -2.56   | .27341 | .000    | 1        |
| S5        | 10.000       | 10.141      | .141       | 1.41    | .56766 | .002    | 1        |





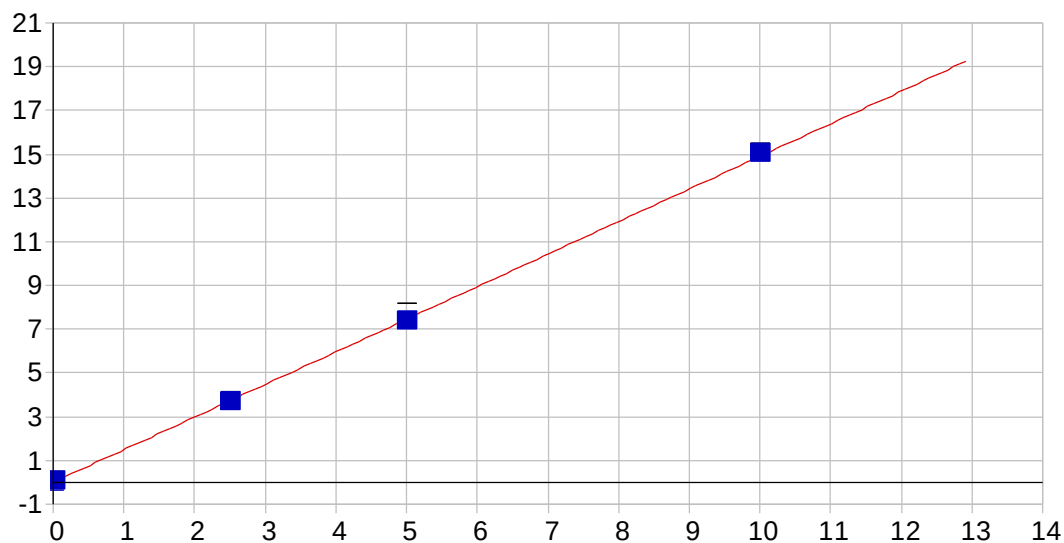


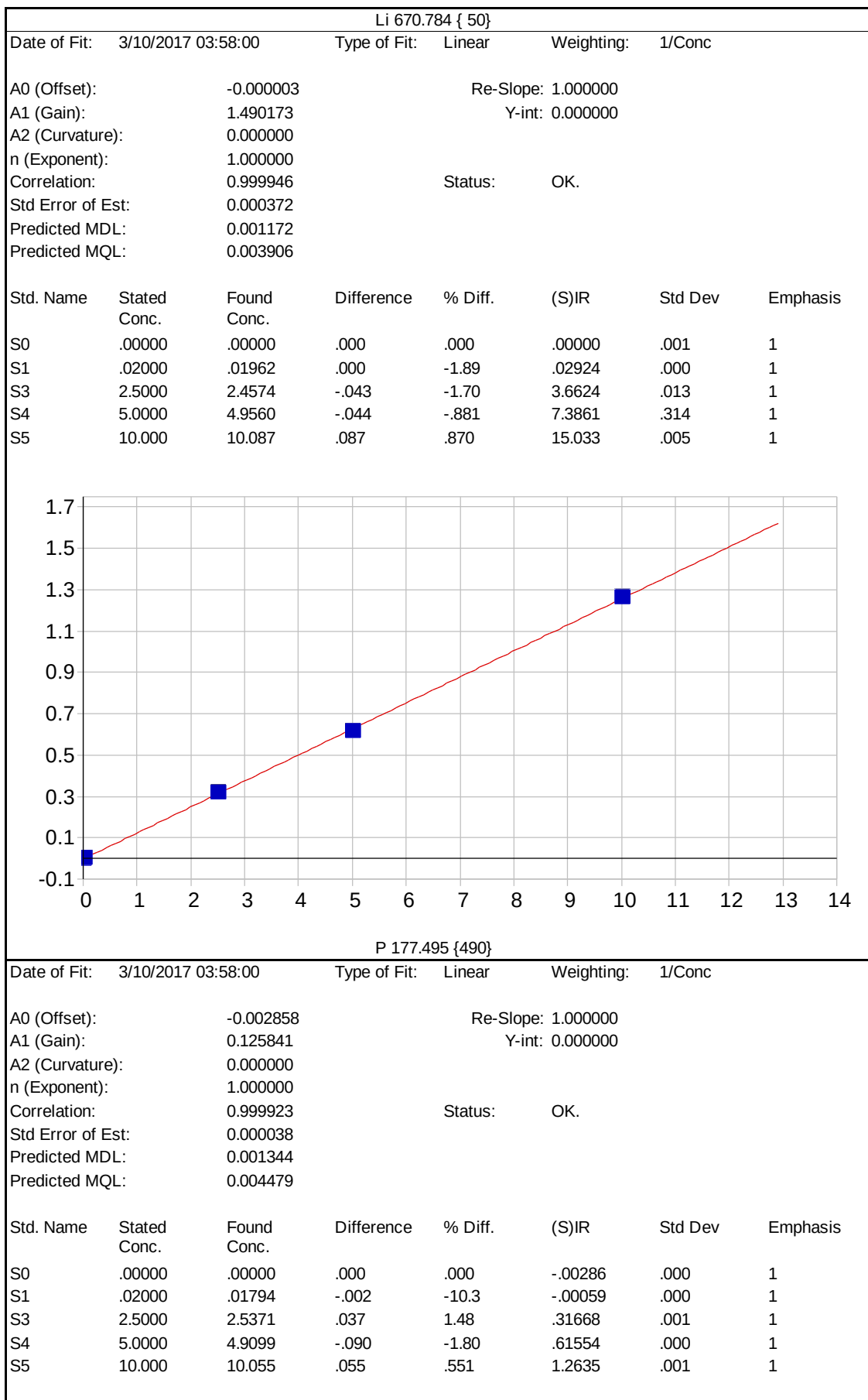
Ti 336.121 {100}

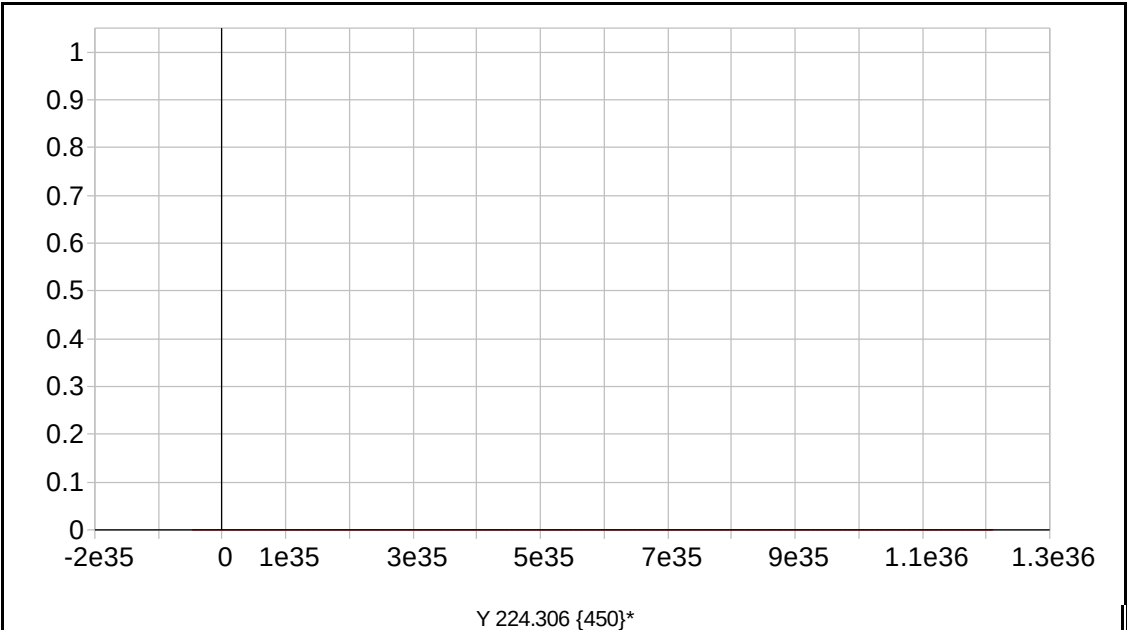
Date of Fit: 3/10/2017 03:58:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002332 Re-Slope: 1.000000  
 A1 (Gain): 0.273211 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999994 Status: OK.  
 Std Error of Est: 0.000031  
 Predicted MDL: 0.001418  
 Predicted MQL: 0.004727

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00233 | .000    | 1        |
| S1        | .04000       | .04255      | .003       | 6.38    | .01395 | .000    | 1        |
| S3        | 2.5000       | 2.5045      | .005       | .180    | .68627 | .001    | 1        |
| S4        | 5.0000       | 5.0062      | .006       | .125    | 1.3695 | .057    | 1        |
| S5        | 10.000       | 9.9867      | -.013      | -.133   | 2.7296 | .004    | 1        |

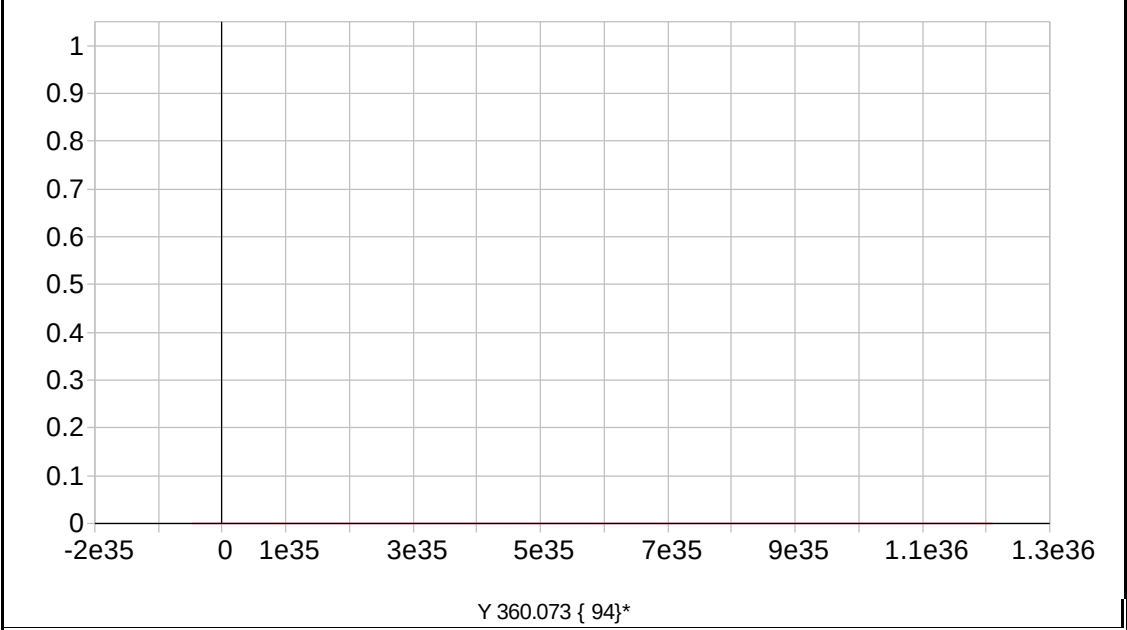






Y 224.306 {450}\*  
Date of Fit: <not fit>      Type of Fit: Linear      Weighting: 1/Conc  
A0 (Offset): 0.000000      Re-Slope: 1.000000  
A1 (Gain): 0.000000      Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.000000      Status: Warning      Zero Gain  
Std Error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

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



Y 360.073 { 94}\*  
Date of Fit: <not fit>      Type of Fit: Linear      Weighting: 1/Conc  
A0 (Offset): 0.000000      Re-Slope: 1.000000  
A1 (Gain): 0.000000      Y-int: 0.000000



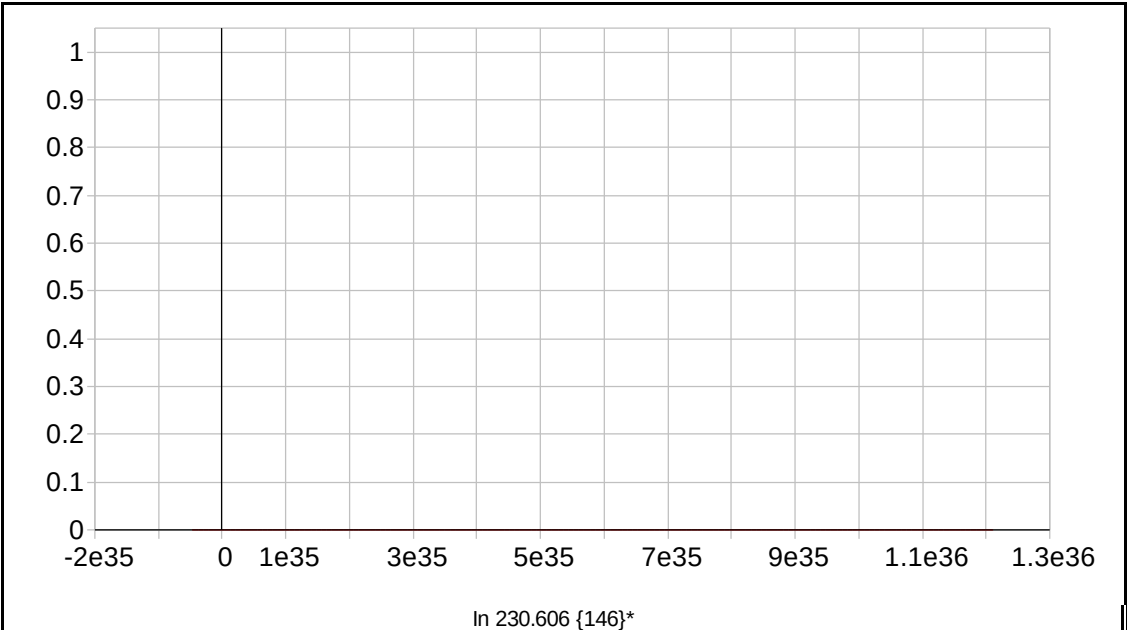
Status:      Warning      Zero Gain

$$Y\ 371.030\ \{91\}^*$$

|                   |          |                    |
|-------------------|----------|--------------------|
| 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    |
| Std Error of Est: | 0.000000 |                    |
| Predicted MDL:    | n/a      |                    |
| Predicted MQL:    | n/a      |                    |

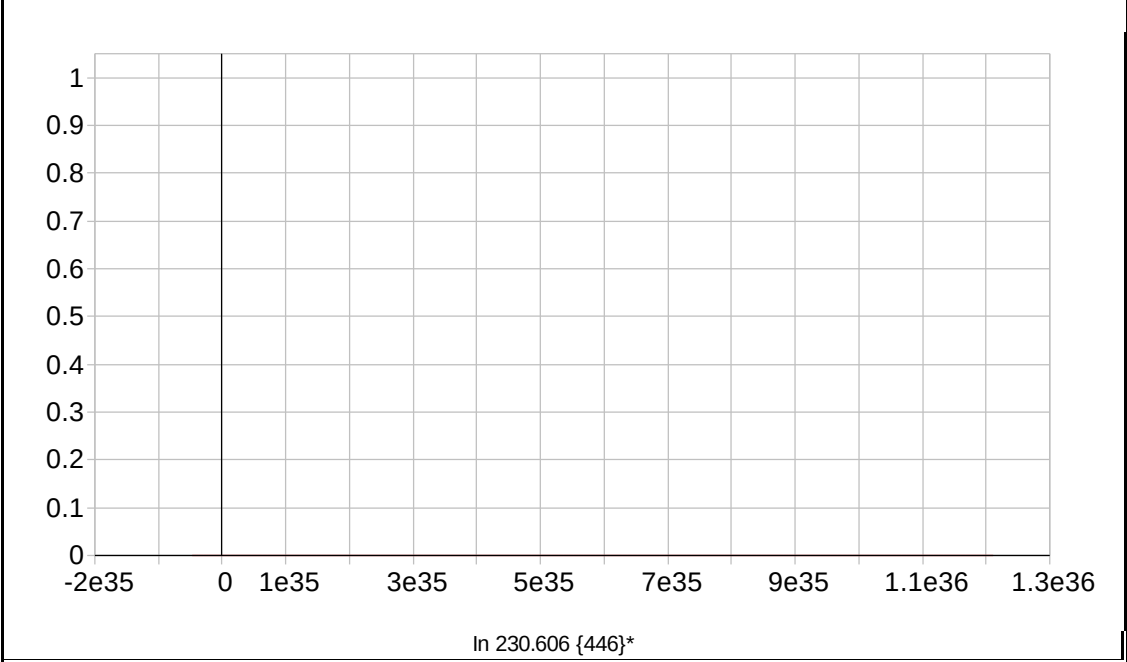
Status:      Warning      Zero Gain

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

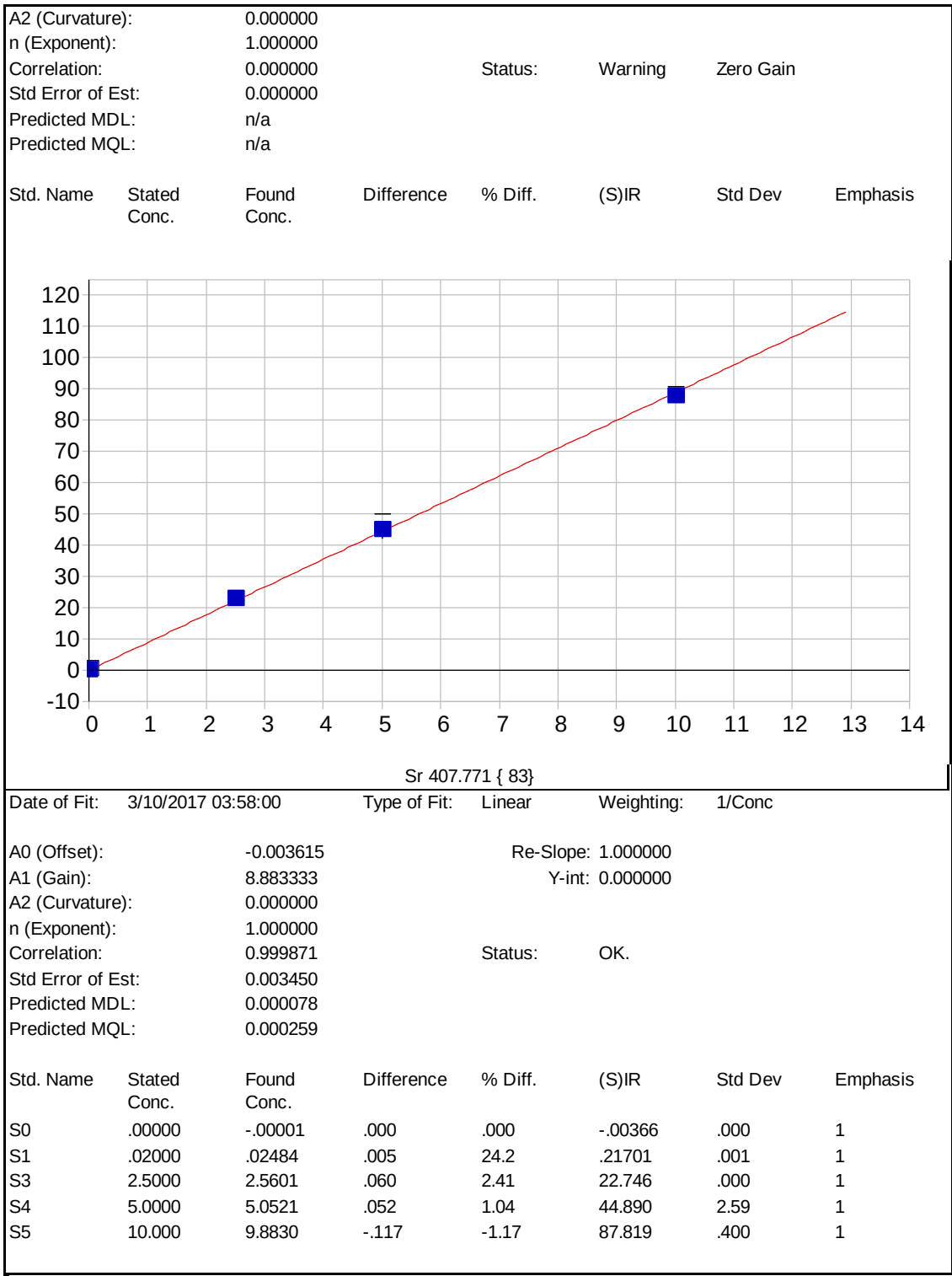


|                   |           |              |          |            |        |
|-------------------|-----------|--------------|----------|------------|--------|
| Date of Fit:      | <not fit> | Type of Fit: | Linear   | Weighting: | 1/Conc |
| A0 (Offset):      | 0.000000  | Re-Slope:    | 1.000000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

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



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



Sample Name: S0      Acquired: 3/9/2017 11:10:08      Type: Cal  
Method: P4-ICP2(v1919)      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    | .00018 | .00046 | .00032 | .00007 | .00004 | .00003 | .00268 | .00009 |
| Stddev | .00001 | .00005 | .00012 | .00017 | .00014 | .00003 | .00125 | .00000 |
| %RSD   | 6.6294 | 11.165 | 37.512 | 240.63 | 391.91 | 121.11 | 46.466 | 1.3840 |

|    |         |         |        |         |         |        |        |         |
|----|---------|---------|--------|---------|---------|--------|--------|---------|
| #1 | -.00018 | -.00042 | .00040 | -.00005 | -.00013 | .00000 | .00357 | -.00009 |
| #2 | -.00017 | -.00050 | .00023 | .00019  | .00006  | .00005 | .00180 | -.00009 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .00006 | .00037 | .00006 | .00075 | .00028 | .01395 | .00012 | .00001 |
| Stddev | .00009 | .00012 | .00000 | .00014 | .00001 | .01059 | .00000 | .00012 |
| %RSD   | 151.91 | 32.906 | 4.1487 | 18.282 | 4.1514 | 75.909 | 2.3228 | 1447.0 |

|    |        |        |        |        |         |        |        |         |
|----|--------|--------|--------|--------|---------|--------|--------|---------|
| #1 | .00012 | .00046 | .00006 | .00066 | -.00028 | .02143 | .00012 | .00008  |
| #2 | .00000 | .00028 | .00005 | .00085 | -.00027 | .00646 | .00012 | -.00009 |

|        |        |        |        |         |        |         |        |         |
|--------|--------|--------|--------|---------|--------|---------|--------|---------|
| 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    | .00010 | .00011 | .01263 | .00005  | .15617 | .00446  | .00017 | .00027  |
| Stddev | .00003 | .00002 | .00113 | .00001  | .01206 | .00151  | .00013 | .00001  |
| %RSD   | 33.523 | 23.344 | 8.9571 | 16.369  | 7.7211 | 33.889  | 78.596 | 3.6030  |

|    |        |         |        |         |        |         |        |        |
|----|--------|---------|--------|---------|--------|---------|--------|--------|
| #1 | .00012 | -.00012 | .01183 | -.00006 | .16470 | -.00339 | .00026 | .00026 |
| #2 | .00007 | -.00009 | .01343 | -.00005 | .14764 | -.00553 | .00007 | .00028 |

|        |         |        |        |        |        |         |        |  |
|--------|---------|--------|--------|--------|--------|---------|--------|--|
| 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    | .00136  | .01792 | .00029 | .00233 | .00000 | .0029   | .00366 |  |
| Stddev | .00014  | .00004 | .00012 | .00023 | .0008  | .0000   | .00026 |  |
| %RSD   | 10.139  | .24909 | 43.080 | 9.9187 | 37609. | 1.548   | 7.2187 |  |

|    |        |        |        |        |         |        |         |  |
|----|--------|--------|--------|--------|---------|--------|---------|--|
| #1 | .00127 | .01795 | .00020 | .00217 | .00055  | -.0028 | -.00347 |  |
| #2 | .00146 | .01789 | .00037 | .00249 | -.00055 | -.0029 | -.00385 |  |

Sample Name: S0      Acquired: 3/9/2017 11:10:08      Type: Cal  
Method: P4-ICP2(v1919)      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       | 3545.4  | 59789.  | 7389.2  | 97.845 | 3836.7 |
| Stddev    | 21.3    | 362.    | 31.0    | 1.414  | 17.2   |
| %RSD      | .60202  | .60541  | .41949  | 1.4454 | .44890 |
| #1        | 3530.3  | 59533.  | 7367.3  | 96.845 | 3824.5 |
| #2        | 3560.5  | 60045.  | 7411.2  | 98.845 | 3848.9 |

Sample Name: S1      Acquired: 3/9/2017 11:14:13      Type: Cal  
Method: P4-ICP2(v1919)      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    | .00099 | .00512 | .00272 | .00185 | .00757 | .00079 | .46943 | .00571 | .01822 |
| Stddev | .00010 | .00011 | .00020 | .00010 | .00025 | .00004 | .00155 | .00001 | .00028 |
| %RSD   | 10.028 | 2.1802 | 7.4124 | 5.4198 | 3.3252 | 4.6081 | .33023 | .22846 | 1.5413 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00092 | .00520 | .00287 | .00192 | .00739 | .00077 | .47052 | .00570 | .01802 |
| #2 | .00106 | .00504 | .00258 | .00178 | .00775 | .00082 | .46833 | .00572 | .01841 |

|        |        |        |        |        |        |        |        |         |        |
|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|
| Elem   | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Ni2316 | Ag3280 | V_ 2924 | Zn2138 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S   | Cts/S  |
| Avg    | .00180 | .03443 | .01186 | .11362 | .02458 | .02491 | .00208 | .00835  | 4.1307 |
| Stddev | .00000 | .00026 | .00004 | .00505 | .00005 | .00010 | .00005 | .00005  | .1384  |
| %RSD   | .27614 | .75977 | .36405 | 4.4466 | .19851 | .41219 | 2.5695 | .63615  | 3.3493 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00180 | .03425 | .01189 | .11005 | .02461 | .02484 | .00212 | .00831 | 4.0329 |
| #2 | .00180 | .03462 | .01183 | .11719 | .02454 | .02498 | .00204 | .00838 | 4.2285 |

|        |        |         |         |        |        |        |        |         |        |
|--------|--------|---------|---------|--------|--------|--------|--------|---------|--------|
| 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    | .15814 | .00198  | .00224  | .12681 | .00597 | .01395 | .02924 | .0006   | .21701 |
| Stddev | .00076 | .00019  | .00004  | .00139 | .00013 | .00035 | .00047 | .0001   | .00095 |
| %RSD   | .47913 | 9.4608  | 1.5858  | 1.0925 | 2.1258 | 2.4737 | 1.5978 | 16.44   | .43983 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .15761 | .00185 | .00226 | .12583 | .00606 | .01370 | .02891 | -.0007 | .21633 |
| #2 | .15868 | .00211 | .00221 | .12779 | .00588 | .01419 | .02957 | -.0005 | .21768 |

|           |         |         |         |        |        |  |  |  |  |
|-----------|---------|---------|---------|--------|--------|--|--|--|--|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |  |  |  |  |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |  |  |  |  |
| Avg       | 3550.6  | 30323.  | 7484.0  | 98.618 | 3843.8 |  |  |  |  |
| Stddev    | 14.0    | 218.    | 7.7     | 2.867  | 1.2    |  |  |  |  |
| %RSD      | .39355  | .36176  | .10260  | 2.9072 | .03081 |  |  |  |  |

|    |        |        |        |        |        |  |  |  |  |
|----|--------|--------|--------|--------|--------|--|--|--|--|
| #1 | 3540.7 | 60168. | 7489.4 | 100.65 | 3843.0 |  |  |  |  |
| #2 | 3560.5 | 60477. | 7478.5 | 96.591 | 3844.6 |  |  |  |  |

Sample Name: S2      Acquired: 3/9/2017 11:18:26      Type: Cal  
Method: P4-ICP2(v1919)      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    | .09345 | .01159 | .51873 | .13677  |
| Stddev | .00060 | .00017 | .00147 | .00015  |
| %RSD   | .63974 | 1.4591 | .28327 | .11285  |

|    |        |        |        |        |
|----|--------|--------|--------|--------|
| #1 | .09388 | .01147 | .51769 | .13688 |
| #2 | .09303 | .01171 | .51977 | .13667 |

|           |         |
|-----------|---------|
| Int. Std. | Y_ 3710 |
| Units     | Cts/S   |
| Avg       | 7375.8  |
| Stddev    | 39.0    |
| %RSD      | .52915  |

|    |        |
|----|--------|
| #1 | 7348.2 |
| #2 | 7403.4 |

Sample Name: S3      Acquired: 3/9/2017 11:22:28      Type: Cal  
Method: P4-ICP2(v1919)      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    | .15518 | .35459 | .60994 | .22068 | .38506 | .03063 | .23.467 | .11117 | 4.2433 |
| Stddev | .00068 | .00125 | .00090 | .00089 | .00049 | .00346 | .066    | .01519 | .0040  |
| %RSD   | .43555 | .35265 | .14779 | .40123 | .12797 | 11.308 | .28276  | 13.664 | .09542 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .15566 | .35547 | .61057 | .22131 | .38541 | .02818 | 23.514 | .10043 | 4.2461 |
| #2 | .15470 | .35371 | .60930 | .22006 | .38471 | .03308 | 23.420 | .12191 | 4.2404 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .54648 | .07939 | 1.5354 | .39753 | 2.7940 | 1.4038 | .07013 | .84186 | .12517 |
| Stddev | .00073 | .01034 | .0005  | .00092 | .0341  | .1850  | .00012 | .00206 | .01549 |
| %RSD   | .13449 | 13.025 | .03002 | .23116 | 1.2203 | 13.176 | .17234 | .24510 | 12.379 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .54700 | .07208 | 1.5350 | .39818 | 2.8181 | 1.2730 | .07005 | .84332 | .11421 |
| #2 | .54596 | .08670 | 1.5357 | .39688 | 2.7699 | 1.5346 | .07022 | .84040 | .13612 |

|        |        |         |        |         |        |         |         |        |        |
|--------|--------|---------|--------|---------|--------|---------|---------|--------|--------|
| Elem   | Na5895 | V_ 2924 | Zn2138 | K_ 7664 | Mo2020 | B_ 2496 | S_ 1820 | Si2881 | Sn1899 |
| Units  | Cts/S  | Cts/S   | Cts/S  | Cts/S   | Cts/S  | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg    | 3.0306 | .24717  | 119.87 | .85467  | 2.0370 | .04685  | .14044  | .63561 | .37447 |
| Stddev | .0056  | .03233  | 1.28   | .00119  | .0012  | .00025  | .00049  | .01063 | .00091 |
| %RSD   | .18637 | 13.080  | 1.0690 | .13878  | .06026 | .53640  | .34621  | 1.6719 | .24248 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 3.0266 | .22431 | 120.77 | .85551 | 2.0379 | .04667 | .14010 | .62810 | .37512 |
| #2 | 3.0346 | .27003 | 118.96 | .85383 | 2.0362 | .04702 | .14078 | .64313 | .37383 |

|        |        |        |         |        |
|--------|--------|--------|---------|--------|
| Elem   | Ti3361 | Li6707 | P_ 1774 | Sr4077 |
| Units  | Cts/S  | Cts/S  | Cts/S   | Cts/S  |
| Avg    | .68627 | 3.6624 | .3167   | 22.746 |
| Stddev | .00108 | .0129  | .0006   | .000   |
| %RSD   | .15667 | .35226 | .1956   | .00120 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .68703 | 3.6715 | .3171 | 22.746 |
| #2 | .68551 | 3.6533 | .3162 | 22.746 |



Sample Name: S3      Acquired: 3/9/2017 11:22:28      Type: Cal  
Method: P4-ICP2(v1919)      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       | 3213.8  | 33139.  | 7535.6  | 98.718 | 3359.1 |
| Stddev    | 10.3    | 6990.   | 27.4    | 1.253  | 12.9   |
| %RSD      | .32125  | 11.071  | .36408  | 1.2689 | .38259 |
| #1        | 3206.5  | 68082.  | 7516.2  | 97.832 | 3350.0 |
| #2        | 3221.1  | 58196.  | 7555.0  | 99.603 | 3368.2 |

Sample Name: S4      Acquired: 3/9/2017 11:26:20      Type: Cal  
Method: P4-ICP2(v1919)      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    | .29260 | .66634 | 1.1520 | .41501 | .72491 | .06666 | 16.547 | .24301 | 3.0803 |
| Stddev | .00006 | .00142 | .0003  | .00085 | .00145 | .00008 | 1.738  | .00067 | .0124  |
| %RSD   | .01946 | .21356 | .02494 | .20587 | .19986 | .12686 | 3.7338 | .27738 | .15371 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .29264 | .66534 | 1.1522 | .41562 | .72594 | .06672 | 45.318 | .24349 | 8.0715 |
| #2 | .29256 | .66735 | 1.1518 | .41441 | .72389 | .06660 | 47.776 | .24254 | 8.0891 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 1.0882 | .17251 | 2.9050 | .73446 | 5.4727 | 3.0466 | .14067 | 1.5895 | .27110 |
| Stddev | .0544  | .00066 | .0035  | .00075 | .2279  | .0039  | .00657 | .0024  | .00017 |
| %RSD   | 5.0024 | .38073 | .12076 | .10263 | 4.1649 | .12940 | 4.6685 | .15135 | .06395 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.0497 | .17297 | 2.9025 | .73392 | 5.3115 | 3.0493 | .13603 | 1.5878 | .27098 |
| #2 | 1.1267 | .17204 | 2.9075 | .73499 | 5.6339 | 3.0438 | .14532 | 1.5912 | .27122 |

|        |        |         |        |         |        |         |         |        |        |
|--------|--------|---------|--------|---------|--------|---------|---------|--------|--------|
| Elem   | Na5895 | V_ 2924 | Zn2138 | K_ 7664 | Mo2020 | B_ 2496 | S_ 1820 | Si2881 | Sn1899 |
| Units  | Cts/S  | Cts/S   | Cts/S  | Cts/S   | Cts/S  | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg    | 3.0501 | .53978  | 236.15 | 1.7297  | 3.8011 | .09255  | .27341  | 1.2431 | .70951 |
| Stddev | .2485  | .00098  | 7.68   | .0683   | .0050  | .00382  | .00039  | .0523  | .00018 |
| %RSD   | 4.1073 | .18210  | 3.2507 | 3.9485  | .13071 | 4.1295  | .14090  | 4.2096 | .02591 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 5.8744 | .54047 | 230.72 | 1.6814 | 3.8046 | .08984 | .27314 | 1.2061 | .70938 |
| #2 | 6.2258 | .53908 | 241.58 | 1.7780 | 3.7976 | .09525 | .27368 | 1.2801 | .70964 |

|        |        |        |         |        |
|--------|--------|--------|---------|--------|
| Elem   | Ti3361 | Li6707 | P_ 1774 | Sr4077 |
| Units  | Cts/S  | Cts/S  | Cts/S   | Cts/S  |
| Avg    | 1.3695 | 7.3861 | .6155   | 44.890 |
| Stddev | .0573  | .3138  | .0005   | 2.594  |
| %RSD   | 4.1870 | 4.2484 | .0763   | 5.7780 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 1.3289 | 7.1642 | .6152 | 43.056 |
| #2 | 1.4100 | 7.6079 | .6159 | 46.724 |

Sample Name: S4      Acquired: 3/9/2017 11:26:20      Type: Cal  
Method: P4-ICP2(v1919)      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       | 3309.0  | 56479.  | 7441.8  | 96.350 | 3373.6 |
| Stddev    | 4.5     | 226.    | 285.0   | 3.072  | 2.1    |
| %RSD      | .13549  | .40024  | 3.8298  | 3.1887 | .06089 |
| #1        | 3305.9  | 56319.  | 7643.3  | 98.523 | 3372.1 |
| #2        | 3312.2  | 56639.  | 7240.2  | 94.178 | 3375.0 |

Sample Name: S5      Acquired: 3/9/2017 11:30:26      Type: Cal  
Method: P4-ICP2(v1919)      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    | .58595 | 1.3055 | 2.3119 | .81963 | 1.4453 | .13344 | .92.960 | .47856 | 16.376 |
| Stddev | .00273 | .0011  | .0007  | .00353 | .0045  | .00031 | .576    | .00061 | .018   |
| %RSD   | .46573 | .08265 | .02840 | .43023 | .31372 | .22939 | .61972  | .12832 | .10710 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .58788 | 1.3047 | 2.3124 | .82213 | 1.4485 | .13323 | 93.367 | .47899 | 16.363 |
| #2 | .58402 | 1.3062 | 2.3115 | .81714 | 1.4421 | .13366 | 92.553 | .47812 | 16.388 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 2.1601 | .33335 | 5.8848 | 1.4342 | 10.940 | 5.9168 | .28078 | 3.1822 | .53777 |
| Stddev | .0084  | .00028 | .0107  | .0020  | .033   | .0062  | .00119 | .0038  | .00157 |
| %RSD   | .38755 | .08394 | .18121 | .14246 | .30416 | .10429 | .42468 | .11938 | .29262 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.1542 | .33315 | 5.8773 | 1.4357 | 10.916 | 5.9125 | .27994 | 3.1795 | .53666 |
| #2 | 2.1660 | .33354 | 5.8924 | 1.4328 | 10.963 | 5.9212 | .28163 | 3.1849 | .53888 |

|        |        |         |        |         |        |         |         |        |        |
|--------|--------|---------|--------|---------|--------|---------|---------|--------|--------|
| 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    | 12.166 | 1.0558  | 468.11 | 3.5029  | 7.4401 | .18406  | .56766  | 2.2551 | 1.4296 |
| Stddev | .020   | .0008   | 2.16   | .0092   | .0092  | .00049  | .00214  | .0118  | .0023  |
| %RSD   | .16550 | .07169  | .46146 | .26403  | .12323 | .26433  | .37653  | .52098 | .16144 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 12.152 | 1.0552 | 466.59 | 3.4963 | 7.4466 | .18372 | .56917 | 2.2468 | 1.4279 |
| #2 | 12.180 | 1.0563 | 469.64 | 3.5094 | 7.4336 | .18441 | .56615 | 2.2635 | 1.4312 |

|        |        |        |         |        |
|--------|--------|--------|---------|--------|
| Elem   | Ti3361 | Li6707 | P_ 1774 | Sr4077 |
| Units  | Cts/S  | Cts/S  | Cts/S   | Cts/S  |
| Avg    | 2.7296 | 15.033 | 1.264   | 37.819 |
| Stddev | .0041  | .005   | .001    | .400   |
| %RSD   | .15017 | .03473 | .0988   | .45548 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 2.7267 | 15.029 | 1.264 | 87.537 |
| #2 | 2.7324 | 15.037 | 1.263 | 88.102 |

Sample Name: S5      Acquired: 3/9/2017 11:30:26      Type: Cal  
Method: P4-ICP2(v1919)      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       | 3183.0  | 55064.  | 7268.7  | 92.312 | 3145.0 |
| Stddev    | 12.1    | 17.     | .6      | .233   | 7.4    |
| %RSD      | .37939  | .03129  | .00855  | .25246 | .23466 |
| #1        | 3174.5  | 55052.  | 7269.1  | 92.477 | 3139.8 |
| #2        | 3191.6  | 55077.  | 7268.2  | 92.148 | 3150.2 |

Sample Name: ICV01      Acquired: 3/9/2017 11:50:06      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: ICV01      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |         |        |        |        |
|--------|--------|--------|--------|---------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960  | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    |
| Avg    | 1.0036 | 1.0186 | .97431 | .99175  | .96046 | 2.4784 | .52899 |
| Stddev | .0029  | .0009  | .00094 | .00033  | .00210 | .0099  | .00115 |
| %RSD   | .28922 | .09174 | .09619 | .03341  | .21884 | .39792 | .21808 |
| #1     | 1.0057 | 1.0179 | .97364 | .99152  | .96195 | 2.4853 | .52980 |
| #2     | 1.0016 | 1.0192 | .97497 | .99198  | .95898 | 2.4714 | .52817 |
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677  | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    |
| Avg    | .49212 | .47714 | 10.240 | .49856  | .48818 | .51585 | 4.9159 |
| Stddev | .00139 | .00062 | .002   | .00208  | .00023 | .00060 | .0251  |
| %RSD   | .28254 | .12967 | .01895 | .41640  | .04624 | .11728 | .51085 |
| #1     | .49310 | .47670 | 10.242 | .50003  | .48802 | .51628 | 4.9336 |
| #2     | .49114 | .47758 | 10.239 | .49709  | .48834 | .51542 | 4.8981 |
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280  | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    |
| Avg    | .52775 | 5.9900 | .50125 | .48948  | 10.036 | .49849 | 1.0723 |
| Stddev | .00107 | .0175  | .00068 | .00027  | .002   | .00145 | .0007  |
| %RSD   | .20306 | .29144 | .13602 | .05419  | .01884 | .28998 | .06483 |
| #1     | .52850 | 6.0023 | .50076 | .48929  | 10.037 | .49951 | 1.0718 |
| #2     | .52699 | 5.9777 | .50173 | .48967  | 10.034 | .49747 | 1.0728 |
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820  | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    |
| Avg    | 10.216 | 2.5617 | 2.5498 | F.03413 | 2.5611 | 2.4470 | 2.5962 |
| Stddev | .033   | .0029  | .0003  | .00352  | .0133  | .0034  | .0057  |
| %RSD   | .32118 | .11128 | .01332 | 10.329  | .51719 | .14108 | .21803 |
| #1     | 10.193 | 2.5597 | 2.5496 | .03662  | 2.5704 | 2.4445 | 2.6002 |
| #2     | 10.239 | 2.5638 | 2.5501 | .03163  | 2.5517 | 2.4494 | 2.5922 |

Sample Name: ICV01      Acquired: 3/9/2017 11:50:06      Type: Unk  
 Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: ICV01      Custom ID2:      Custom ID3:  
 Comment:

|        |          |         |          |
|--------|----------|---------|----------|
| Elem   | Li6707   | P_1774  | Sr4077   |
| Units  | ppm      | ppm     | ppm      |
| Avg    | F .00055 | F .0008 | F .01151 |
| Stddev | .00000   | .0001   | .00001   |
| %RSD   | .12547   | 13.09   | .07844   |

|    |         |        |        |
|----|---------|--------|--------|
| #1 | -.00055 | -.0009 | .01151 |
| #2 | -.00055 | -.0007 | .01152 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 3265.6  | 56650.  | 7301.4  | 97.263 | 3535.8 |
| Stddev    | 17.9    | 259.    | 39.0    | .483   | 15.1   |
| %RSD      | .54709  | .45737  | .53434  | .49625 | .42741 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 3253.0 | 56467. | 7273.8 | 96.922 | 3525.1 |
| #2 | 3278.2 | 56833. | 7329.0 | 97.604 | 3546.4 |

Sample Name: LLICV01      Acquired: 3/9/2017 12:10:21      Type: Unk  
Method: P4-ICP2(v1919)      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    | .01871 | .04104 | .01128 | .02042 | .05242 | .10069 | .10427 | .00621 | .00548 |
| Stddev | .00095 | .00113 | .00018 | .00122 | .00077 | .01356 | .00030 | .00001 | .00000 |
| %RSD   | 5.0976 | 2.7610 | 1.5950 | 5.9908 | 1.4628 | 13.469 | .28715 | .12741 | .06468 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .01803 | .04023 | .01116 | .02129 | .05188 | .11028 | .10406 | .00620 | .00549 |
| #2 | .01938 | .04184 | .01141 | .01956 | .05296 | .09110 | .10448 | .00621 | .00548 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.0322 | .01034 | .02868 | .02144 | .09781 | .02140 | 2.0038 | .03851 | .01050 |
| Stddev | .0159  | .00014 | .00002 | .00008 | .00242 | .00009 | .0477  | .00036 | .00015 |
| %RSD   | .78497 | 1.3229 | .06518 | .35455 | 2.4771 | .41213 | 2.3809 | .92722 | 1.4066 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.0209 | .01025 | .02869 | .02138 | .09610 | .02134 | 1.9701 | .03825 | .01039 |
| #2 | 2.0435 | .01044 | .02867 | .02149 | .09953 | .02147 | 2.0375 | .03876 | .01060 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 1.9807 | .03978 | .04124 | 2.0150 | .21180 | .09287 | .01750 | .40678 | .04150 |
| Stddev | .0078  | .00017 | .00046 | .0057  | .00001 | .00739 | .00069 | .00132 | .00159 |
| %RSD   | .39373 | .42094 | 1.1137 | .28107 | .00639 | 7.9625 | 3.9495 | .32542 | 3.8222 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.9752 | .03966 | .04156 | 2.0110 | .21181 | .09810 | .01799 | .40772 | .04263 |
| #2 | 1.9862 | .03990 | .04091 | 2.0190 | .21179 | .08764 | .01701 | .40584 | .04038 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | .04408 | .02078 | .0199  | .02459 |
| Stddev | .00096 | .00020 | .0004  | .00007 |
| %RSD   | 2.1835 | .94537 | 2.077  | .26560 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .04340 | .02092 | .0196 | .02455 |
| #2 | .04476 | .02064 | .0202 | .02464 |



Sample Name: LLICV01      Acquired: 3/9/2017 12:10:21      Type: Unk  
Method: P4-ICP2(v1919)      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       | 3241.1  | 56942.  | 7345.2  | 96.884 | 3626.0 |
| Stddev    | 14.0    | 325.    | 21.1    | 1.347  | 15.7   |
| %RSD      | .43237  | .57071  | .28692  | 1.3900 | .43228 |
| #1        | 3231.2  | 56712.  | 7330.3  | 95.932 | 3614.9 |
| #2        | 3251.0  | 57171.  | 7360.1  | 97.836 | 3637.1 |

Sample Name: ICB01      Acquired: 3/9/2017 12:14:25      Type: Unk  
Method: P4-ICP2(v1919)      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    | .00047 | .00186 | .00025 | .00093 | .00113 | .00164 | .00086 | .00006 |
| Stddev | .00078 | .00128 | .00080 | .00020 | .00110 | .00447 | .00017 | .00001 |
| %RSD   | 167.32 | 69.092 | 326.52 | 21.450 | 97.224 | 271.88 | 20.160 | 22.573 |

|    |         |        |         |        |        |         |         |        |
|----|---------|--------|---------|--------|--------|---------|---------|--------|
| #1 | .00009  | .00277 | -.00081 | .00079 | .00035 | .00480  | -.00074 | .00005 |
| #2 | -.00102 | .00095 | .00032  | .00107 | .00191 | -.00152 | -.00099 | .00007 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00012 | .00776 | .00012 | .00008 | .00013 | .00608 | .00003 | .00619 |
| Stddev | .00005 | .00885 | .00006 | .00001 | .00055 | .01665 | .00000 | .02539 |
| %RSD   | 38.293 | 114.03 | 46.571 | 6.4178 | 407.79 | 273.91 | 3.5367 | 410.15 |

|    |         |        |         |        |         |         |         |         |
|----|---------|--------|---------|--------|---------|---------|---------|---------|
| #1 | -.00015 | .01402 | -.00008 | .00009 | -.00025 | -.01786 | -.00003 | -.01176 |
| #2 | -.00009 | .00150 | -.00016 | .00008 | .00052  | .00570  | -.00004 | .02414  |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00020 | .00033 | .02457 | .00035 | .00056 | .00749 | .00051 | .00307 |
| Stddev | .00003 | .00027 | .00459 | .00033 | .00002 | .03341 | .00014 | .00561 |
| %RSD   | 14.734 | 80.503 | 18.699 | 94.732 | 3.6700 | 445.82 | 27.861 | 182.79 |

|    |         |        |         |         |         |         |        |         |
|----|---------|--------|---------|---------|---------|---------|--------|---------|
| #1 | -.00018 | .00014 | -.02781 | -.00011 | -.00057 | .01613  | .00041 | -.00090 |
| #2 | -.00023 | .00052 | -.02132 | -.00058 | -.00054 | -.03112 | .00061 | .00704  |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00029 | .00853 | .00132 | .00254 | .00068 | .0003  | .00004 |
| Stddev | .00096 | .00196 | .00111 | .00053 | .00038 | .0008  | .00003 |
| %RSD   | 331.25 | 22.972 | 84.185 | 21.008 | 55.709 | 271.3  | 80.941 |

|    |         |         |        |        |         |        |        |
|----|---------|---------|--------|--------|---------|--------|--------|
| #1 | -.00039 | -.00992 | .00210 | .00292 | -.00041 | -.0003 | .00006 |
| #2 | .00097  | -.00715 | .00053 | .00217 | -.00094 | .0008  | .00002 |

Sample Name: ICB01      Acquired: 3/9/2017 12:14:25      Type: Unk  
Method: P4-ICP2(v1919)      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       | 3304.5  | 57989.  | 7455.4  | 98.200 | 3689.9 |
| Stddev    | 12.8    | 110.    | 47.5    | .874   | 7.6    |
| %RSD      | .38724  | .18886  | .63710  | .89027 | .20579 |
| #1        | 3295.5  | 57911.  | 7421.8  | 97.582 | 3684.5 |
| #2        | 3313.5  | 58066.  | 7489.0  | 98.818 | 3695.3 |

Sample Name: CRI01      Acquired: 3/9/2017 12:18:34      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CRI01      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02183 | .04061 | .01075 | .02088 | .04914 | .09601 | .10229 | .00612 | .00541 |
| Stddev | .00024 | .00073 | .00087 | .00204 | .00100 | .00217 | .00021 | .00003 | .00004 |
| %RSD   | 1.1132 | 1.8039 | 8.1163 | 9.7485 | 2.0311 | 2.2594 | .20146 | .55560 | .79143 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .02201 | .04009 | .01137 | .01944 | .04843 | .09755 | .10214 | .00614 | .00544 |
| #2 | .02166 | .04113 | .01013 | .02232 | .04984 | .09448 | .10244 | .00609 | .00538 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.9811 | .00960 | .02795 | .02051 | .09394 | .02089 | 1.9370 | .03762 | .00969 |
| Stddev | .0104  | .00020 | .00022 | .00010 | .00767 | .00006 | .0113  | .00033 | .00040 |
| %RSD   | .52319 | 2.1303 | .79473 | .47891 | 8.1663 | .30861 | .58122 | .87628 | 4.1723 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.9885 | .00975 | .02811 | .02058 | .09937 | .02094 | 1.9450 | .03785 | .00941 |
| #2 | 1.9738 | .00946 | .02780 | .02044 | .08852 | .02085 | 1.9290 | .03739 | .00998 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 1.9186 | .03925 | .03944 | 1.9799 | .20520 | .07199 | .01514 | .39504 | .03836 |
| Stddev | .0066  | .00029 | .00025 | .0144  | .00057 | .00964 | .00008 | .00124 | .00008 |
| %RSD   | .34207 | .73759 | .64197 | .72687 | .27755 | 13.387 | .51546 | .31284 | .20214 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.9139 | .03904 | .03962 | 1.9901 | .20561 | .06517 | .01520 | .39416 | .03830 |
| #2 | 1.9232 | .03945 | .03926 | 1.9698 | .20480 | .07880 | .01509 | .39591 | .03841 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | .04201 | .02010 | .0175  | .02409 |
| Stddev | .00047 | .00013 | .0006  | .00001 |
| %RSD   | 1.1082 | .66509 | 3.385  | .02293 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .04234 | .02020 | .0180 | .02409 |
| #2 | .04168 | .02001 | .0171 | .02409 |

Sample Name: CRI01      Acquired: 3/9/2017 12:18:34      Type: Unk  
Method: P4-ICP2(v1919)      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       | 3299.4  | 57968.  | 7517.4  | 100.31 | 3682.6 |
| Stddev    | 14.0    | 170.    | 11.3    | .66    | 13.9   |
| %RSD      | .42580  | .29308  | .14986  | .66004 | .37858 |
| #1        | 3289.4  | 57848.  | 7509.5  | 99.845 | 3672.7 |
| #2        | 3309.3  | 58088.  | 7525.4  | 100.78 | 3692.4 |

Sample Name: IC5A01      Acquired: 3/9/2017 12:22:40      Type: Unk  
Method: P4-ICP2(v1919)      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    | .00682 | .00459 | .00837 | .00616 | .00114 | 285.93 | .00588 |
| Stddev | .00272 | .00161 | .00257 | .00100 | .00024 | .25    | .00023 |
| %RSD   | 39.968 | 35.219 | 30.699 | 16.279 | 20.735 | .08851 | 3.9686 |

|    |        |        |        |         |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|
| #1 | .00489 | .00344 | .01018 | -.00687 | .00131 | 285.75 | .00571 |
| #2 | .00874 | .00573 | .00655 | -.00545 | .00098 | 286.11 | .00604 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00000 | .00479 | 241.38 | .04507 | .00022 | .00917 | 36.370 |
| Stddev | .0001  | .00024 | .33    | .00012 | .00018 | .00156 | 3.070  |
| %RSD   | 1869.2 | 5.1072 | .13855 | .25650 | 79.757 | 16.964 | 3.1854 |

|    |         |        |        |        |        |         |        |
|----|---------|--------|--------|--------|--------|---------|--------|
| #1 | .00005  | .00496 | 241.61 | .04498 | .00035 | -.00807 | 94.199 |
| #2 | -.00006 | .00461 | 241.14 | .04515 | .00010 | -.01027 | 98.540 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02010 | 258.78 | .00259 | .00445 | .27707 | .00153 | .00460 |
| Stddev | .00004 | .24    | .00007 | .00062 | .00412 | .00039 | .00012 |
| %RSD   | .19674 | .09416 | 2.6063 | 13.815 | 1.4887 | 25.259 | 2.5142 |

|    |        |        |        |         |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|
| #1 | .02013 | 258.95 | .00264 | -.00489 | .27998 | .00126 | .00452 |
| #2 | .02007 | 258.60 | .00254 | -.00402 | .27415 | .00181 | .00468 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02749 | .00127 | .03765 | .01109 | .01000 | .00233 | .00094 |
| Stddev | .02904 | .00060 | .00280 | .00053 | .00229 | .00111 | .00130 |
| %RSD   | 105.65 | 47.397 | 7.4260 | 4.7379 | 22.956 | 47.819 | 137.84 |

|    |        |        |        |         |         |        |        |
|----|--------|--------|--------|---------|---------|--------|--------|
| #1 | .04803 | .00084 | .03567 | -.01146 | -.01162 | .00312 | .00186 |
| #2 | .00695 | .00169 | .03963 | -.01072 | -.00837 | .00154 | .00002 |

Sample Name: ICSA01      Acquired: 3/9/2017 12:22:40      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: ICSA01      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |         |
|--------|--------|--------|---------|
| Elem   | Li6707 | P_1774 | Sr4077  |
| Units  | ppm    | ppm    | ppm     |
| Avg    | .00355 | .0117  | F.08890 |
| Stddev | .00043 | .0009  | .00026  |
| %RSD   | 12.070 | 7.824  | .29531  |

|    |        |       |        |
|----|--------|-------|--------|
| #1 | .00324 | .0111 | .08908 |
| #2 | .00385 | .0124 | .08871 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2891.5  | 50838.  | 7302.5  | 91.797 | 2869.8 |
| Stddev    | 5.1     | 71.     | 29.0    | 2.601  | 4.6    |
| %RSD      | .17710  | .13906  | .39655  | 2.8337 | .16137 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2887.9 | 50888. | 7282.1 | 93.636 | 2873.1 |
| #2 | 2895.1 | 50788. | 7323.0 | 89.958 | 2866.5 |

Sample Name: ICSAB01      Acquired: 3/9/2017 12:26:51      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: ICSAB01      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .10688 | .10107 | .05489 | .04830 | .60287 | 272.31 | .52872 |
| Stddev | .00303 | .00237 | .00073 | .00129 | .00409 | .35    | .00076 |
| %RSD   | 2.8389 | 2.3424 | 1.3229 | 2.6623 | .67801 | .12909 | .14420 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .10902 | .10274 | .05438 | .04921 | .59998 | 272.56 | .52926 |
| #2 | .10473 | .09940 | .05540 | .04739 | .60576 | 272.06 | .52818 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .52269 | .96391 | 231.20 | .51381 | .48340 | .47370 | 94.542 |
| Stddev | .00002 | .00130 | .74    | .00089 | .00007 | .00167 | 2.049  |
| %RSD   | .00426 | .13504 | .32020 | .17414 | .01364 | .35279 | 2.1672 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .52267 | .96299 | 231.73 | .51444 | .48336 | .47251 | 95.991 |
| #2 | .52270 | .96483 | 230.68 | .51317 | .48345 | .47488 | 93.093 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .52783 | 248.38 | .93581 | .20407 | .00197 | .48895 | .97702 |
| Stddev | .00060 | .80    | .00057 | .00052 | .00088 | .00070 | .02146 |
| %RSD   | .11420 | .32382 | .06075 | .25269 | 44.802 | .14384 | 2.1963 |

|    |        |        |        |        |         |        |        |
|----|--------|--------|--------|--------|---------|--------|--------|
| #1 | .52740 | 248.95 | .93622 | .20444 | -.00135 | .48945 | .99220 |
| #2 | .52825 | 247.81 | .93541 | .20371 | -.00260 | .48845 | .96185 |

|        |        |          |          |          |          |          |          |
|--------|--------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664 | Mo2020   | B_2496   | S_1820   | Si2881   | Sn1899   | Ti3361   |
| Units  | ppm    | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .00599 | F .00041 | F .02585 | F .01508 | F .01644 | F .00171 | F .00096 |
| Stddev | .01546 | .00066   | .00413   | .00073   | .00102   | .00206   | .00079   |
| %RSD   | 258.28 | 162.80   | 15.980   | 4.8435   | 6.2100   | 120.14   | 82.081   |

|    |         |         |        |         |         |        |        |
|----|---------|---------|--------|---------|---------|--------|--------|
| #1 | .00495  | -.00087 | .02877 | -.01559 | -.01572 | .00026 | .00040 |
| #2 | -.01692 | .00006  | .02293 | -.01456 | -.01717 | .00317 | .00152 |



Sample Name: ICSAB01      Acquired: 3/9/2017 12:26:51      Type: Unk  
 Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: ICSAB01      Custom ID2:      Custom ID3:  
 Comment:

|        |         |        |         |
|--------|---------|--------|---------|
| Elem   | Li6707  | P_1774 | Sr4077  |
| Units  | ppm     | ppm    | ppm     |
| Avg    | F.00282 | F.0035 | F.08419 |
| Stddev | .00061  | .0013  | .00027  |
| %RSD   | 21.570  | 37.18  | .32494  |

|    |        |       |        |
|----|--------|-------|--------|
| #1 | .00239 | .0045 | .08438 |
| #2 | .00325 | .0026 | .08400 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2882.3  | 51016.  | 7310.6  | 39.705 | 2876.0 |
| Stddev    | 7.6     | 75.     | 7.9     | 2.043  | 1.3    |
| %RSD      | .26466  | .14617  | .10848  | 2.2771 | .04454 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2887.7 | 50963. | 7304.9 | 88.261 | 2876.9 |
| #2 | 2876.9 | 51069. | 7316.2 | 91.149 | 2875.1 |

Sample Name: CCV01      Acquired: 3/9/2017 12:30:56      Type: Unk  
Method: P4-ICP2(v1919)      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 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 5.0216 | 4.7883 | 4.8081 | 4.9974 | 5.0286 | 3.9933 | 10.309 | .25031 |
| Stddev | .0059  | .0042  | .0003  | .0083  | .0089  | .0287  | .071   | .00059 |
| %RSD   | .11680 | .08862 | .00653 | .16639 | .17801 | .28698 | .68956 | .23609 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 5.0174 | 4.7853 | 4.8084 | 4.9915 | 5.0350 | 9.9731 | 10.359 | .25073 |
| #2 | 5.0257 | 4.7913 | 4.8079 | 5.0032 | 5.0223 | 10.014 | 10.258 | .24989 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.4007 | 24.600 | .95578 | 2.4155 | 1.2497 | 4.8024 | 2.5411 | 24.256 |
| Stddev | .0020  | .117   | .00122 | .0019  | .0010  | .0072  | .0079  | .190   |
| %RSD   | .08472 | .47682 | .12727 | .07750 | .08289 | .15006 | .31251 | .78155 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.3992 | 24.517 | .95492 | 2.4169 | 1.2490 | 4.7973 | 2.5467 | 24.122 |
| #2 | 2.4021 | 24.683 | .95665 | 2.4142 | 1.2504 | 4.8074 | 2.5355 | 24.390 |

|        |        |        |        |        |        |        |        |          |
|--------|--------|--------|--------|--------|--------|--------|--------|----------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496   |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm      |
| Avg    | 2.3871 | 1.2197 | 25.155 | 2.4414 | 2.3772 | 25.336 | 4.9563 | F 4.7366 |
| Stddev | .0013  | .0019  | .090   | .0038  | .0324  | .001   | .0007  | .0143    |
| %RSD   | .05393 | .15442 | .35899 | .15594 | 1.3639 | .00586 | .01470 | .30168   |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.3880 | 1.2211 | 25.091 | 2.4441 | 2.4002 | 25.337 | 4.9568 | 4.7265 |
| #2 | 2.3862 | 1.2184 | 25.219 | 2.4387 | 2.3543 | 25.335 | 4.9558 | 4.7467 |

|        |        |          |        |        |        |        |        |  |
|--------|--------|----------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881   | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm      | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | 4.7572 | F 4.6766 | 4.7790 | 4.9629 | 5.1774 | 4.785  | 4.9900 |  |
| Stddev | .0078  | .0035    | .0053  | .0393  | .0098  | .003   | .0225  |  |
| %RSD   | .16457 | .07534   | .11195 | .79144 | .18940 | .0667  | .45179 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | 4.7627 | 4.6741 | 4.7828 | 4.9352 | 5.1704 | 4.787 | 5.0059 |  |
| #2 | 4.7516 | 4.6791 | 4.7752 | 4.9907 | 5.1843 | 4.782 | 4.9740 |  |

Sample Name: CCV01      Acquired: 3/9/2017 12:30:56      Type: Unk  
Method: P4-ICP2(v1919)      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       | 3078.9  | 54393.  | 7396.6  | 36.752 | 3230.3 |
| Stddev    | 1.4     | 159.    | 23.4    | 1.226  | .5     |
| %RSD      | .04694  | .29320  | .31673  | 1.2673 | .01510 |
| #1        | 3077.9  | 54280.  | 7380.0  | 95.885 | 3230.0 |
| #2        | 3080.0  | 54506.  | 7413.2  | 97.619 | 3230.7 |

Sample Name: LLCCV01      Acquired: 3/9/2017 12:36:40      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: LLCCV01      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02194 | .04102 | .00974 | .02085 | .05102 | .09733 | .10319 | .00607 | .00543 |
| Stddev | .00067 | .00104 | .00028 | .00174 | .00021 | .00423 | .00101 | .00003 | .00003 |
| %RSD   | 3.0592 | 2.5426 | 2.9035 | 8.3277 | .41738 | 4.3427 | .98209 | .51957 | .60049 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .02241 | .04176 | .00994 | .01962 | .05087 | .09434 | .10391 | .00610 | .00540 |
| #2 | .02146 | .04028 | .00954 | .02208 | .05117 | .10032 | .10247 | .00605 | .00545 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.9853 | .01006 | .02835 | .02121 | .09655 | .02102 | 1.8949 | .03800 | .01001 |
| Stddev | .0040  | .00006 | .00017 | .00005 | .00783 | .00003 | .0475  | .00035 | .00022 |
| %RSD   | .20017 | .62728 | .60625 | .24924 | 8.1139 | .12333 | 2.5071 | .91565 | 2.1897 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.9881 | .01011 | .02847 | .02117 | .09101 | .02100 | 1.9285 | .03776 | .00986 |
| #2 | 1.9825 | .01002 | .02823 | .02125 | .10209 | .02104 | 1.8613 | .03825 | .01017 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 1.9405 | .03857 | .03924 | 2.0049 | .20803 | .09391 | .01501 | .38483 | .03998 |
| Stddev | .0100  | .00034 | .00018 | .0121  | .00050 | .00323 | .00094 | .00502 | .00020 |
| %RSD   | .51640 | .88322 | .44889 | .60614 | .23848 | 3.4393 | 6.2630 | 1.3039 | .49230 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.9476 | .03833 | .03937 | 1.9964 | .20768 | .09163 | .01435 | .38838 | .03984 |
| #2 | 1.9334 | .03881 | .03912 | 2.0135 | .20838 | .09619 | .01568 | .38129 | .04012 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | .04273 | .02112 | .0173  | .02435 |
| Stddev | .00027 | .00021 | .0000  | .00021 |
| %RSD   | .64071 | .98218 | .1643  | .85567 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .04292 | .02126 | .0173 | .02450 |
| #2 | .04253 | .02097 | .0173 | .02421 |

Sample Name: LLCCV01      Acquired: 3/9/2017 12:36:40      Type: Unk  
Method: P4-ICP2(v1919)      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       | 3179.6  | 56224.  | 7408.6  | 98.198 | 3574.2 |
| Stddev    | 15.4    | 323.    | 93.6    | .627   | 18.8   |
| %RSD      | .48440  | .57375  | 1.2635  | .63826 | .52667 |
| #1        | 3168.7  | 55996.  | 7342.4  | 97.755 | 3560.9 |
| #2        | 3190.5  | 56452.  | 7474.8  | 98.641 | 3587.6 |

Sample Name: CCB01      Acquired: 3/9/2017 12:40:45      Type: Unk  
Method: P4-ICP2(v1919)      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    | .00169 | .00145 | .00081 | .00195 | .00088 | .00427 | .00146 | .00009 |
| Stddev | .00309 | .00160 | .00022 | .00113 | .00007 | .00112 | .00006 | .00001 |
| %RSD   | 182.10 | 110.19 | 26.913 | 58.225 | 8.0380 | 26.182 | 3.9680 | 15.226 |

|    |         |        |         |        |        |         |         |        |
|----|---------|--------|---------|--------|--------|---------|---------|--------|
| #1 | .00049  | .00258 | -.00096 | .00275 | .00083 | -.00348 | -.00141 | .00010 |
| #2 | -.00388 | .00032 | -.00066 | .00115 | .00093 | -.00506 | -.00150 | .00008 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00009 | .01007 | .00002 | .00017 | .00020 | .00721 | .00001 | .01660 |
| Stddev | .00002 | .00303 | .00017 | .00016 | .00047 | .00613 | .00000 | .00029 |
| %RSD   | 24.280 | 30.064 | 975.03 | 97.362 | 239.60 | 85.020 | 54.477 | 1.7537 |

|    |         |        |         |        |         |        |        |        |
|----|---------|--------|---------|--------|---------|--------|--------|--------|
| #1 | -.00007 | .01221 | .00010  | .00028 | .00053  | .01154 | .00001 | .01639 |
| #2 | -.00010 | .00793 | -.00014 | .00005 | -.00014 | .00287 | .00000 | .01680 |

|        |        |        |        |        |        |          |        |        |
|--------|--------|--------|--------|--------|--------|----------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664   | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm      | ppm    | ppm    |
| Avg    | .00014 | .00018 | .02574 | .00015 | .00090 | .00000   | .00056 | .00251 |
| Stddev | .00045 | .00004 | .00116 | .00013 | .00000 | .02573   | .00014 | .00863 |
| %RSD   | 314.04 | 24.700 | 4.5198 | 85.677 | .42919 | 1129500. | 24.752 | 343.79 |

|    |         |        |         |         |         |         |        |         |
|----|---------|--------|---------|---------|---------|---------|--------|---------|
| #1 | .00017  | .00021 | -.02492 | -.00006 | -.00090 | .01820  | .00046 | -.00359 |
| #2 | -.00046 | .00015 | -.02657 | -.00024 | -.00091 | -.01819 | .00066 | .00861  |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .00183 | .01109 | .00104 | .00238 | .00096 | .0001  | .00005 |  |
| Stddev | .00101 | .00318 | .00052 | .00130 | .00085 | .0008  | .00005 |  |
| %RSD   | 54.947 | 28.624 | 50.366 | 54.555 | 88.316 | 783.1  | 111.29 |  |

|    |         |         |        |        |         |        |        |  |
|----|---------|---------|--------|--------|---------|--------|--------|--|
| #1 | -.00254 | -.01334 | .00067 | .00146 | -.00156 | -.0007 | .00008 |  |
| #2 | -.00112 | -.00885 | .00141 | .00329 | -.00036 | .0005  | .00001 |  |

Sample Name: CCB01      Acquired: 3/9/2017 12:40:45      Type: Unk  
Method: P4-ICP2(v1919)      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       | 3179.3  | 56666.  | 7407.3  | 96.168 | 3578.2 |
| Stddev    | 17.8    | 259.    | 3.7     | .225   | 11.9   |
| %RSD      | .56101  | .45733  | .05025  | .23395 | .33259 |
| #1        | 3166.7  | 56483.  | 7409.9  | 96.327 | 3569.8 |
| #2        | 3191.9  | 56849.  | 7404.7  | 96.009 | 3586.6 |

Sample Name: PB97464BL      Acquired: 3/9/2017 12:44:58      Type: Unk  
Method: P4-ICP2(v1919)      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    | .00015 | .00200 | .00111 | .00039 | .00094 | .00030 | .00125 | .00013 |
| Stddev | .00048 | .00049 | .00039 | .00037 | .00054 | .00284 | .00015 | .00001 |
| %RSD   | 312.93 | 24.688 | 34.720 | 94.681 | 57.452 | 942.43 | 11.999 | 6.5969 |

|    |         |        |         |        |         |         |         |        |
|----|---------|--------|---------|--------|---------|---------|---------|--------|
| #1 | .00019  | .00235 | -.00084 | .00064 | -.00056 | .00231  | -.00136 | .00013 |
| #2 | -.00050 | .00165 | -.00139 | .00013 | -.00132 | -.00171 | -.00115 | .00014 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00002 | .00202 | .00018 | .00007 | .00006 | .00763 | .00001 | .02754 |
| Stddev | .00008 | .00181 | .00002 | .00017 | .00003 | .00258 | .00001 | .05396 |
| %RSD   | 371.65 | 89.598 | 13.502 | 239.42 | 61.908 | 33.763 | 88.182 | 195.92 |

|    |         |        |         |         |        |         |        |         |
|----|---------|--------|---------|---------|--------|---------|--------|---------|
| #1 | .00004  | .00074 | -.00019 | -.00005 | .00003 | -.00945 | .00001 | .01061  |
| #2 | -.00008 | .00330 | -.00016 | .00019  | .00008 | -.00581 | .00002 | -.06569 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00009 | .00002 | .02695 | .00019 | .00091 | .00194 | .00009 | .00068 |
| Stddev | .00006 | .00003 | .00288 | .00001 | .00000 | .00947 | .00014 | .00031 |
| %RSD   | 73.464 | 148.99 | 10.670 | 6.8270 | .08616 | 486.78 | 162.18 | 45.592 |

|    |         |         |         |         |         |         |         |         |
|----|---------|---------|---------|---------|---------|---------|---------|---------|
| #1 | -.00013 | .00000  | -.02491 | -.00020 | -.00091 | -.00864 | .00019  | -.00090 |
| #2 | -.00004 | -.00005 | -.02898 | -.00018 | -.00091 | .00475  | -.00001 | -.00046 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .00239 | .01296 | .00019 | .00272 | .00045 | .0005  | .00002 |  |
| Stddev | .00379 | .00116 | .00062 | .00040 | .00141 | .0005  | .00004 |  |
| %RSD   | 158.65 | 8.9639 | 335.74 | 14.893 | 313.22 | 90.32  | 222.49 |  |

|    |         |         |         |        |         |        |         |  |
|----|---------|---------|---------|--------|---------|--------|---------|--|
| #1 | -.00508 | -.01214 | -.00063 | .00301 | -.00145 | -.0008 | .00005  |  |
| #2 | .00029  | -.01378 | .00025  | .00243 | .00055  | -.0002 | -.00001 |  |



Sample Name: PB97464BL      Acquired: 3/9/2017 12:44:58      Type: Unk  
Method: P4-ICP2(v1919)      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       | 3227.2  | 56849.  | 7437.8  | 98.966 | 3642.1 |
| Stddev    | 65.2    | 281.    | 60.7    | 1.379  | 75.3   |
| %RSD      | 2.0215  | .49353  | .81561  | 1.3933 | 2.0683 |
| #1        | 3273.3  | 56650.  | 7394.9  | 97.991 | 3695.3 |
| #2        | 3181.0  | 57047.  | 7480.7  | 99.941 | 3588.8 |

Sample Name: PB97464BS      Acquired: 3/9/2017 12:49:08      Type: Unk  
Method: P4-ICP2(v1919)      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    | .80479  | 1.9106 | .94646 | 1.9762 | .83065 | 1.9700 | .21993 | .20210 |
| Stddev | .00126  | .0007  | .00036 | .0132  | .00153 | .0019  | .00001 | .00005 |
| %RSD   | .15705  | .03578 | .03814 | .66522 | .18440 | .09731 | .00556 | .02248 |
| #1     | .80389  | 1.9101 | .94620 | 1.9855 | .82956 | 1.9687 | .21994 | .20213 |
| #2     | .80568  | 1.9111 | .94671 | 1.9669 | .83173 | 1.9714 | .21992 | .20206 |
| Elem   | Cd2265  | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .18725  | 1.0722 | .39421 | .19460 | .32155 | 2.9209 | .21576 | 1.9935 |
| Stddev | .00036  | .0079  | .00130 | .00068 | .00089 | .0286  | .00002 | .0481  |
| %RSD   | .19387  | .73425 | .32915 | .34991 | .27728 | .97853 | .01014 | 2.4118 |
| #1     | .18751  | 1.0666 | .39329 | .19508 | .32092 | 2.9411 | .21574 | 1.9595 |
| #2     | .18700  | 1.0777 | .39513 | .19412 | .32218 | 2.9007 | .21577 | 2.0275 |
| Elem   | Ni2316  | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .47599  | .07237 | 3.0422 | .29983 | .19648 | 10.446 | .42318 | .28203 |
| Stddev | .00004  | .00018 | .0043  | .00015 | .00257 | .026   | .00210 | .00610 |
| %RSD   | .00784  | .25543 | .13997 | .05118 | 1.3097 | .24902 | .49726 | 2.1613 |
| #1     | .47596  | .07250 | 3.0452 | .29993 | .19830 | 10.427 | .42467 | .27772 |
| #2     | .47601  | .07224 | 3.0392 | .29972 | .19466 | 10.464 | .42170 | .28634 |
| Elem   | S_1820  | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |        |
| Units  | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |        |
| Avg    | .00399  | .89058 | .67856 | .20880 | .21682 | 5.302  | .20739 |        |
| Stddev | .00076  | .00763 | .00261 | .00310 | .00012 | .015   | .00055 |        |
| %RSD   | 19.086  | .85730 | .38422 | 1.4866 | .05496 | .2812  | .26678 |        |
| #1     | -.00453 | .89598 | .68040 | .20660 | .21690 | 5.312  | .20700 |        |
| #2     | -.00346 | .88518 | .67671 | .21099 | .21674 | 5.291  | .20778 |        |

Sample Name: PB97464BS      Acquired: 3/9/2017 12:49:08      Type: Unk  
Method: P4-ICP2(v1919)      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       | 3150.1  | 56267.  | 7412.8  | 101.10 | 3563.1 |
| Stddev    | 8.6     | 175.    | 41.2    | 1.49   | 10.4   |
| %RSD      | .27187  | .31142  | .55544  | 1.4742 | .29120 |
| #1        | 3144.0  | 56143.  | 7383.7  | 100.05 | 3555.7 |
| #2        | 3156.2  | 56391.  | 7441.9  | 102.15 | 3570.4 |

Sample Name: I2159-01      Acquired: 3/9/2017 12:53:06      Type: Unk  
 Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: EFF-WW      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00244 | .00094 | .00084 | .00237 | .00326 | .16705 | .01995 | .00007 |
| Stddev | .00168 | .00023 | .00100 | .00041 | .00089 | .00977 | .00009 | .00003 |
| %RSD   | 68.968 | 24.414 | 120.23 | 17.317 | 27.359 | 5.8507 | .45154 | 48.046 |

|    |        |         |        |        |         |        |        |        |
|----|--------|---------|--------|--------|---------|--------|--------|--------|
| #1 | .00125 | -.00110 | .00155 | .00208 | -.00389 | .17396 | .01989 | .00009 |
| #2 | .00363 | -.00078 | .00013 | .00266 | -.00263 | .16014 | .02001 | .00005 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00007 | 29.208 | .01182 | .00093 | .19093 | .63028 | .03684 | 3.7006 |
| Stddev | .00004 | .146   | .00037 | .00009 | .00109 | .00627 | .00008 | .1290  |
| %RSD   | 67.183 | .49959 | 3.1237 | 9.2735 | .57270 | .99420 | .22042 | 1.4822 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00004 | 29.105 | .01208 | .00087 | .19170 | .63471 | .03690 | 8.6094 |
| #2 | .00010 | 29.312 | .01155 | .00099 | .19015 | .62585 | .03678 | 8.7918 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00784 | .00006 | 408.02 | .00004 | .12090 | 76.333 | .00086 | .03161 |
| Stddev | .00042 | .00011 | 1.57   | .00025 | .00103 | .438   | .00025 | .00583 |
| %RSD   | 5.3800 | 185.34 | .38389 | 639.26 | .85302 | .57425 | 28.657 | 18.446 |

|    |        |         |        |         |        |        |        |        |
|----|--------|---------|--------|---------|--------|--------|--------|--------|
| #1 | .00754 | -.00014 | 406.91 | .00022  | .12163 | 76.023 | .00103 | .03574 |
| #2 | .00814 | .00002  | 409.13 | -.00014 | .12018 | 76.643 | .00068 | .02749 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 36.046 | 5.2281 | .00393 | .00308 | .00465 | 32.89  | .09415 |
| Stddev | .316   | .0196  | .00080 | .00020 | .00020 | .09    | .00044 |
| %RSD   | .36696 | .37518 | 20.271 | 6.5571 | 4.2197 | .2625  | .46345 |

|    |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|-------|--------|
| #1 | 86.269 | 5.2142 | .00337 | .00294 | .00451 | 32.95 | .09384 |
| #2 | 85.822 | 5.2419 | .00450 | .00323 | .00479 | 32.83 | .09446 |

Sample Name: I2159-01      Acquired: 3/9/2017 12:53:06      Type: Unk  
 Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: EFF-WW      Custom ID2:      Custom ID3:  
 Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2833.4  | 51083.  | 7504.0  | 97.225 | 2915.4 |
| Stddev    | 3.4     | 128.    | 27.5    | .604   | 4.3    |
| %RSD      | .12105  | .25070  | .36645  | .62160 | .14836 |
| #1        | 2835.8  | 51174.  | 7523.4  | 96.797 | 2912.3 |
| #2        | 2831.0  | 50993.  | 7484.6  | 97.652 | 2918.5 |

Sample Name: I2183-01      Acquired: 3/9/2017 12:57:17      Type: Unk  
 Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: 001M-WILLETS Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00079 | .00124 | .00715 | .00375 | .00241 | .28774 | .07244 | .00003 |
| Stddev | .00306 | .00147 | .00159 | .00042 | .00042 | .03312 | .00079 | .00002 |
| %RSD   | 384.99 | 118.92 | 22.203 | 11.154 | 17.420 | 11.511 | 1.0926 | 57.701 |

|    |         |        |        |         |         |        |        |        |
|----|---------|--------|--------|---------|---------|--------|--------|--------|
| #1 | -.00137 | .00020 | .00602 | -.00405 | -.00271 | .26432 | .07188 | .00002 |
| #2 | .00295  | .00228 | .00827 | -.00346 | -.00211 | .31116 | .07300 | .00004 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00002 | 37.176 | .00436 | .00057 | .00463 | 3.1786 | .26441 | 4.1428 |
| Stddev | .00005 | .788   | .00014 | .00015 | .00008 | .0338  | .00792 | .0086  |
| %RSD   | 201.41 | 1.1728 | 3.1272 | 25.931 | 1.6261 | 1.0619 | 2.9955 | .20711 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | -.00001 | 66.619 | .00445 | .00067 | .00458 | 3.1548 | .25881 | 4.1368 |
| #2 | .00006  | 67.733 | .00426 | .00046 | .00469 | 3.2025 | .27001 | 4.1489 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00594 | .00003 | 109.06 | .00078 | .09149 | 3.6655 | .00573 | .11555 |
| Stddev | .00033 | .00017 | 1.38   | .00041 | .00031 | .0907  | .00028 | .00791 |
| %RSD   | 5.6074 | 666.87 | 1.2613 | 52.856 | .33589 | 1.3608 | 4.9504 | 6.8481 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .00618 | -.00009 | 108.09 | .00107 | .09170 | 6.6014 | .00593 | .10995 |
| #2 | .00571 | .00014  | 110.03 | .00049 | .09127 | 6.7296 | .00553 | .12114 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | 4.5009 | 7.6030 | .00045 | .01178 | .01010 | .2368  | .24377 |  |
| Stddev | .2284  | .1325  | .00010 | .00108 | .00064 | .0120  | .00332 |  |
| %RSD   | 5.0733 | 1.7428 | 22.344 | 9.1927 | 6.3325 | 5.051  | 1.3623 |  |

|    |        |        |         |        |        |       |        |  |
|----|--------|--------|---------|--------|--------|-------|--------|--|
| #1 | 4.6624 | 7.5093 | -.00038 | .01254 | .00965 | .2452 | .24142 |  |
| #2 | 4.3395 | 7.6967 | -.00052 | .01101 | .01055 | .2283 | .24612 |  |

Sample Name: I2183-01      Acquired: 3/9/2017 12:57:17      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: 001M-WILLETTS      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2844.4  | 51125.  | 7519.4  | 97.042 | 3123.1 |
| Stddev    | 105.8   | 1277.   | 62.7    | .919   | 124.6  |
| %RSD      | 3.7180  | 2.4968  | .83327  | .94657 | 3.9908 |
| #1        | 2769.6  | 52027.  | 7563.7  | 97.692 | 3035.0 |
| #2        | 2919.2  | 50222.  | 7475.1  | 96.393 | 3211.2 |

Sample Name: I2183-02      Acquired: 3/9/2017 13:01:20      Type: Unk

Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000

User: JASWAL      Custom ID1: 002M-35THAVE      Custom ID2:      Custom ID3:

Comment:

|        |        |        |        |         |         |        |        |        |
|--------|--------|--------|--------|---------|---------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960  | Sb2068  | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm     | ppm    | ppm    | ppm    |
| Avg    | .00451 | .00107 | .01991 | -.00339 | -.00272 | 1.1270 | .09153 | .00012 |
| Stddev | .00406 | .00076 | .00002 | .00167  | .00017  | .1261  | .00120 | .00005 |
| %RSD   | 90.058 | 71.252 | .07551 | 49.448  | 6.4282  | 11.188 | 1.3066 | 36.874 |

|    |        |        |        |         |         |        |        |        |
|----|--------|--------|--------|---------|---------|--------|--------|--------|
| #1 | .00738 | .00161 | .01990 | -.00220 | -.00260 | 1.2162 | .09237 | .00009 |
| #2 | .00164 | .00053 | .01992 | -.00457 | -.00285 | 1.0379 | .09068 | .00016 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00023 | 71.618 | .00702 | .00137 | .01688 | 3.9341 | .35879 | 5.5065 |
| Stddev | .00015 | .943   | .00078 | .00012 | .00088 | .1519  | .03940 | .0141  |
| %RSD   | 67.110 | 1.3161 | 11.112 | 8.9128 | 5.2220 | 2.1903 | 10.982 | .25673 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00012 | 72.284 | .00757 | .00146 | .01626 | 7.0415 | .38665 | 5.5165 |
| #2 | .00034 | 70.951 | .00647 | .00129 | .01750 | 6.8267 | .33093 | 5.4965 |

|        |        |         |        |        |        |        |        |        |
|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280  | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00652 | -.00055 | 111.31 | .00303 | .17227 | 7.0680 | .00545 | .10590 |
| Stddev | .00014 | .00005  | 1.64   | .00083 | .00382 | .0869  | .00028 | .00632 |
| %RSD   | 2.1024 | 9.9150  | 1.4758 | 27.465 | 2.2200 | 1.2290 | 5.1257 | 5.9710 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .00642 | -.00051 | 112.48 | .00362 | .17498 | 7.1295 | .00525 | .11037 |
| #2 | .00662 | -.00059 | 110.15 | .00244 | .16957 | 7.0066 | .00564 | .10142 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | 5.3253 | 3.5501 | .00088 | .04323 | .01030 | .4244  | .25405 |  |
| Stddev | .0197  | .2224  | .00062 | .00022 | .00015 | .0035  | .00366 |  |
| %RSD   | .37074 | 2.6006 | 70.143 | .50237 | 1.4987 | .8134  | 1.4392 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | 5.3392 | 8.7073 | .00044 | .04339 | .01019 | .4268 | .25664 |  |
| #2 | 5.3113 | 8.3929 | .00132 | .04308 | .01041 | .4219 | .25147 |  |



Sample Name: I2183-02      Acquired: 3/9/2017 13:01:20      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: 002M-35THAVE Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2838.5  | 47024.  | 7406.7  | 97.156 | 3116.6 |
| Stddev    | 2.8     | 4566.   | 89.6    | 2.243  | 4.3    |
| %RSD      | .09773  | 9.7100  | 1.2095  | 2.3089 | .13683 |
| #1        | 2840.5  | 43795.  | 7343.3  | 95.570 | 3113.6 |
| #2        | 2836.6  | 50252.  | 7470.0  | 98.742 | 3119.6 |

Sample Name: I2189-02      Acquired: 3/9/2017 13:05:23      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CLEARWELL      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00033 | .00055 | .00072 | .00034 | .00324 | .43871 | .05835 | .00011 |
| Stddev | .00085 | .00021 | .00030 | .00055 | .00195 | .00113 | .00155 | .00000 |
| %RSD   | 259.63 | 37.606 | 40.931 | 162.10 | 60.179 | .25648 | 2.6625 | 4.1539 |

|    |         |         |        |         |         |        |        |        |
|----|---------|---------|--------|---------|---------|--------|--------|--------|
| #1 | -.00027 | -.00070 | .00093 | -.00005 | -.00461 | .43951 | .05944 | .00011 |
| #2 | .00092  | -.00041 | .00051 | .00073  | -.00186 | .43792 | .05725 | .00010 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00003 | 28.345 | .00543 | .01859 | .05158 | .05758 | .00472 | 3.3118 |
| Stddev | .00012 | .779   | .00059 | .00029 | .00114 | .01268 | .00034 | .2106  |
| %RSD   | 415.45 | 2.7470 | 10.877 | 1.5857 | 2.2113 | 22.025 | 7.2015 | 3.3369 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | -.00005 | 28.896 | .00584 | .01880 | .05078 | .06655 | .00496 | 6.4607 |
| #2 | .00011  | 27.795 | .00501 | .01838 | .05239 | .04861 | .00448 | 6.1629 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00188 | .00543 | 76.936 | .00080 | .01440 | 132.85 | .00142 | .00375 |
| Stddev | .00028 | .00041 | 1.920  | .00012 | .00048 | 3.47   | .00007 | .00448 |
| %RSD   | 14.904 | 7.5457 | 2.4950 | 14.596 | 3.3034 | 2.6118 | 4.8001 | 119.63 |

|    |        |        |        |        |        |        |        |         |
|----|--------|--------|--------|--------|--------|--------|--------|---------|
| #1 | .00168 | .00572 | 78.293 | .00072 | .01474 | 135.30 | .00137 | -.00692 |
| #2 | .00208 | .00514 | 75.579 | .00089 | .01406 | 130.40 | .00146 | -.00058 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 9.1708 | 3.0932 | .00024 | .03672 | .00097 | .9635  | .07877 |
| Stddev | .1638  | .2017  | .00021 | .00199 | .00115 | .0185  | .00194 |
| %RSD   | 1.7861 | 3.3099 | 84.858 | 5.4256 | 117.98 | 1.921  | 2.4608 |

|    |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|-------|--------|
| #1 | 9.0550 | 6.2359 | .00010 | .03532 | .00016 | .9504 | .08014 |
| #2 | 9.2866 | 5.9506 | .00039 | .03813 | .00179 | .9765 | .07740 |

Sample Name: I2189-02      Acquired: 3/9/2017 13:05:23      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CLEARWELL      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2842.3  | 54037.  | 7880.9  | 101.74 | 3101.3 |
| Stddev    | 40.7    | 2107.   | 189.4   | 3.83   | 49.6   |
| %RSD      | 1.4310  | 3.8983  | 2.4038  | 3.7625 | 1.5994 |
| #1        | 2871.0  | 52547.  | 7746.9  | 99.037 | 3136.4 |
| #2        | 2813.5  | 55526.  | 8014.9  | 104.45 | 3066.2 |

Sample Name: I2189-02DUP      Acquired: 3/9/2017 13:09:30      Type: Unk  
Method: P4-ICP2(v1919)      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    | .00061 | .00135 | .00095 | .00004 | .00339 | .42258 | .06159 | .00004 |
| Stddev | .00014 | .00168 | .00091 | .00213 | .00288 | .00490 | .00032 | .00005 |
| %RSD   | 22.287 | 124.86 | 95.620 | 5226.2 | 85.013 | 1.1593 | .51200 | 110.68 |

|    |         |        |        |         |         |        |        |        |
|----|---------|--------|--------|---------|---------|--------|--------|--------|
| #1 | -.00051 | .00016 | .00159 | -.00155 | -.00542 | .41911 | .06181 | .00001 |
| #2 | -.00070 | .00254 | .00031 | .00147  | -.00135 | .42604 | .06136 | .00008 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00005 | 29.887 | .00549 | .01752 | .05156 | .05056 | .00487 | 3.6890 |
| Stddev | .00011 | .076   | .00067 | .00043 | .00041 | .00720 | .00004 | .0350  |
| %RSD   | 235.23 | .25594 | 12.178 | 2.4346 | .80378 | 14.235 | .76460 | .52335 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00013  | 29.833 | .00502 | .01782 | .05185 | .05565 | .00490 | 6.6643 |
| #2 | -.00003 | 29.941 | .00597 | .01722 | .05127 | .04547 | .00485 | 6.7138 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00169 | .00468 | 30.520 | .00061 | .01467 | 139.33 | .00119 | .00865 |
| Stddev | .00013 | .00001 | .065   | .00011 | .00064 | .23    | .00029 | .00358 |
| %RSD   | 7.4549 | .28549 | .08106 | 17.589 | 4.3706 | .16814 | 24.055 | 41.354 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00178 | .00467 | 80.566 | .00068 | .01422 | 139.17 | .00099 | .00612 |
| #2 | .00160 | .00469 | 80.474 | .00053 | .01513 | 139.50 | .00139 | .01118 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | 9.1749 | 5.8657 | .00001 | .04240 | .00148 | .9600  | .08258 |  |
| Stddev | .0146  | .0253  | .00108 | .01327 | .00101 | .0004  | .00035 |  |
| %RSD   | .15864 | .43047 | 14374. | 31.306 | 68.180 | .0395  | .42443 |  |

|    |        |        |         |        |        |       |        |  |
|----|--------|--------|---------|--------|--------|-------|--------|--|
| #1 | 9.1646 | 5.8836 | -.00077 | .05179 | .00219 | .9598 | .08283 |  |
| #2 | 9.1852 | 5.8479 | .00075  | .03302 | .00077 | .9603 | .08233 |  |

Sample Name: I2189-02DUP      Acquired: 3/9/2017 13:09:30      Type: Unk  
Method: P4-ICP2(v1919)      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       | 2843.0  | 51867.  | 7546.8  | 100.13 | 3103.1 |
| Stddev    | .9      | 47.     | 38.8    | 3.57   | 3.1    |
| %RSD      | .03302  | .08994  | .51366  | 3.5616 | .10140 |
| #1        | 2842.3  | 51900.  | 7574.2  | 102.66 | 3100.9 |
| #2        | 2843.6  | 51834.  | 7519.4  | 97.612 | 3105.3 |

Sample Name: I2189-02LX5      Acquired: 3/9/2017 13:13:34      Type: Unk  
Method: P4-ICP2(v1919)      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    | .00121 | .00081 | -.00115 | .00076 | -.00103 | .10956 | .00972 | .00007 |
| Stddev | .00164 | .00003 | .00017  | .00164 | .00050  | .00635 | .00027 | .00002 |
| %RSD   | 135.21 | 4.0107 | 14.425  | 217.75 | 49.036  | 5.7929 | 2.7361 | 22.242 |

|    |        |        |         |         |         |        |        |        |
|----|--------|--------|---------|---------|---------|--------|--------|--------|
| #1 | .00237 | .00078 | -.00127 | -.00041 | -.00067 | .10507 | .00991 | .00008 |
| #2 | .00005 | .00083 | -.00103 | .00192  | -.00138 | .11405 | .00953 | .00006 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00002 | 5.7423 | .00053 | .00399 | .01016 | .00098 | .00119 | 1.2560 |
| Stddev | .00003 | .1596  | .00018 | .00034 | .00061 | .00819 | .00002 | .0487  |
| %RSD   | 125.67 | 2.7800 | 33.825 | 8.5036 | 5.9556 | 839.85 | 1.3333 | 3.8767 |

|    |         |        |        |        |        |         |        |        |
|----|---------|--------|--------|--------|--------|---------|--------|--------|
| #1 | -.00004 | 5.8551 | .00065 | .00375 | .00973 | -.00482 | .00120 | 1.2904 |
| #2 | .00000  | 5.6294 | .00040 | .00423 | .01059 | .00677  | .00118 | 1.2215 |

|        |        |        |        |         |        |        |        |         |
|--------|--------|--------|--------|---------|--------|--------|--------|---------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924  | Zn2138 | K_7664 | Mo2020 | B_2496  |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    | ppm     |
| Avg    | .00037 | .00150 | 15.389 | -.00010 | .00237 | 26.901 | .00032 | -.00428 |
| Stddev | .00003 | .00011 | .366   | .00048  | .00024 | .627   | .00004 | .00595  |
| %RSD   | 8.2454 | 7.4832 | 2.3782 | 464.68  | 9.9419 | 2.3295 | 14.064 | 139.29  |

|    |        |        |        |         |        |        |        |         |
|----|--------|--------|--------|---------|--------|--------|--------|---------|
| #1 | .00039 | .00158 | 15.648 | -.00045 | .00253 | 27.344 | .00029 | -.00006 |
| #2 | .00035 | .00142 | 15.130 | .00024  | .00220 | 26.458 | .00035 | -.00849 |

|        |        |        |         |        |        |        |        |  |
|--------|--------|--------|---------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899  | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | 1.6604 | 1.4360 | -.00019 | .01058 | .00032 | .1765  | .01614 |  |
| Stddev | .0010  | .0504  | .00124  | .00118 | .00024 | .0008  | .00047 |  |
| %RSD   | .06237 | 3.5071 | 640.30  | 11.177 | 77.568 | .4388  | 2.9021 |  |

|    |        |        |         |        |        |       |        |  |
|----|--------|--------|---------|--------|--------|-------|--------|--|
| #1 | 1.6611 | 1.4716 | -.00107 | .01142 | .00049 | .1759 | .01647 |  |
| #2 | 1.6596 | 1.4004 | .00068  | .00975 | .00014 | .1770 | .01581 |  |

Sample Name: I2189-02LX5      Acquired: 3/9/2017 13:13:34      Type: Unk  
Method: P4-ICP2(v1919)      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       | 2961.5  | 53809.  | 7620.6  | 101.15 | 3394.5 |
| Stddev    | 17.5    | 160.    | 186.2   | 4.00   | 16.5   |
| %RSD      | .59210  | .29710  | 2.4437  | 3.9568 | .48472 |
| #1        | 2949.1  | 53696.  | 7488.9  | 98.317 | 3382.8 |
| #2        | 2973.9  | 53922.  | 7752.2  | 103.98 | 3406.1 |

Sample Name: CCV02      Acquired: 3/9/2017 13:25:27      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV03      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 5.3190 | 4.8430 | 4.9473 | 5.2526 | 5.3351 | 10.312 | 10.654 | 25713  | 2.4330 |
| Stddev | .0041  | .0026  | .0065  | .0093  | .0125  | .044   | .091   | .00015 | .0022  |
| %RSD   | .07641 | .05278 | .13038 | .17700 | .23457 | .43101 | .85410 | .05729 | .09050 |
| #1     | 5.3219 | 4.8412 | 4.9519 | 5.2592 | 5.3440 | 10.344 | 10.589 | 25703  | 2.4314 |
| #2     | 5.3162 | 4.8448 | 4.9427 | 5.2461 | 5.3263 | 10.281 | 10.718 | 25724  | 2.4345 |
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 24.101 | 93935  | 2.4896 | 1.2864 | 4.8121 | 2.5774 | 23.795 | 2.4065 | 1.2392 |
| Stddev | .101   | .00137 | .0028  | .0003  | .0798  | .0022  | .134   | .0004  | .0028  |
| %RSD   | .42079 | .14628 | .11134 | .02149 | 1.6592 | .08566 | .56155 | .01655 | .22844 |
| #1     | 24.029 | 94032  | 2.4877 | 1.2866 | 4.8685 | 2.5758 | 23.701 | 2.4062 | 1.2412 |
| #2     | 24.172 | 93838  | 2.4916 | 1.2862 | 4.7556 | 2.5790 | 23.890 | 2.4068 | 1.2372 |
| Elem   | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 25.241 | 2.4081 | 2.3705 | 26.043 | 5.0126 | 4.5914 | 4.8143 | 4.6163 | 4.9015 |
| Stddev | .017   | .0003  | .0474  | .010   | .0037  | .0100  | .0014  | .0138  | .0010  |
| %RSD   | .06853 | .01047 | 1.9977 | .03786 | .07396 | .21696 | .02924 | .29790 | .02021 |
| #1     | 25.229 | 2.4080 | 2.4040 | 26.036 | 5.0100 | 4.5984 | 4.8133 | 4.6066 | 4.9008 |
| #2     | 25.253 | 2.4083 | 2.3370 | 26.050 | 5.0152 | 4.5843 | 4.8153 | 4.6260 | 4.9022 |
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |        |        |        |        |        |
| Units  | ppm    | ppm    | ppm    | ppm    |        |        |        |        |        |
| Avg    | 5.0199 | 5.3453 | 4.915  | 5.0512 |        |        |        |        |        |
| Stddev | .0000  | .0168  | .004   | .0270  |        |        |        |        |        |
| %RSD   | .00062 | .31390 | .0722  | .53498 |        |        |        |        |        |
| #1     | 5.0199 | 5.3571 | 4.912  | 5.0321 |        |        |        |        |        |
| #2     | 5.0200 | 5.3334 | 4.917  | 5.0703 |        |        |        |        |        |



Sample Name: CCV02      Acquired: 3/9/2017 13:25:27      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV03      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2810.2  | 51281.  | 7238.9  | 93.723 | 3002.3 |
| Stddev    | 7.0     | 13.     | 15.0    | 2.128  | 8.1    |
| %RSD      | .24936  | .02501  | .20675  | 2.2706 | .27089 |
| #1        | 2805.3  | 51272.  | 7249.5  | 92.218 | 2996.5 |
| #2        | 2815.2  | 51290.  | 7228.3  | 95.228 | 3008.0 |

Sample Name: CCB02      Acquired: 3/9/2017 13:29:27      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB03      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 | .00441 | .00061 | .00067 | .00137 | .00360 | .00185 | .00005 |
| Stddev | .00058 | .00145 | .00039 | .00205 | .00057 | .00211 | .00023 | .00001 |
| %RSD   | 286.38 | 32.844 | 64.531 | 305.13 | 41.413 | 58.689 | 12.445 | 16.549 |

|    |         |        |         |         |        |         |         |        |
|----|---------|--------|---------|---------|--------|---------|---------|--------|
| #1 | .00021  | .00544 | -.00033 | .00212  | .00178 | -.00509 | -.00202 | .00005 |
| #2 | -.00061 | .00339 | -.00088 | -.00078 | .00097 | -.00210 | -.00169 | .00006 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00006 | .00186 | .00003 | .00016 | .00021 | .00142 | .00003 | .01485 |
| Stddev | .00005 | .00462 | .00022 | .00018 | .00008 | .00189 | .00003 | .05185 |
| %RSD   | 80.379 | 247.77 | 622.30 | 112.53 | 37.014 | 133.34 | 86.789 | 349.19 |

|    |         |         |         |        |        |         |        |         |
|----|---------|---------|---------|--------|--------|---------|--------|---------|
| #1 | -.00009 | .00513  | .00019  | .00003 | .00015 | -.00008 | .00001 | -.05151 |
| #2 | -.00003 | -.00140 | -.00012 | .00029 | .00026 | -.00276 | .00005 | .02182  |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00007 | .00009 | .01045 | .00004 | .00097 | .02869 | .00184 | .00461 |
| Stddev | .00014 | .00036 | .00053 | .00034 | .00000 | .01274 | .00045 | .01551 |
| %RSD   | 194.34 | 398.05 | 5.0319 | 830.31 | .48171 | 44.422 | 24.375 | 336.48 |

|    |         |         |         |         |         |        |        |         |
|----|---------|---------|---------|---------|---------|--------|--------|---------|
| #1 | .00017  | -.00035 | -.01007 | .00028  | -.00097 | .03770 | .00215 | -.01558 |
| #2 | -.00003 | .00017  | -.01082 | -.00020 | -.00097 | .01968 | .00152 | .00636  |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .00002 | .00273 | .00175 | .00308 | .00015 | .0014  | .00006 |  |
| Stddev | .00227 | .00018 | .00016 | .00094 | .00042 | .0007  | .00000 |  |
| %RSD   | 9676.7 | 6.4299 | 9.0545 | 30.453 | 283.57 | 53.26  | 4.7466 |  |

|    |         |         |        |        |         |       |        |  |
|----|---------|---------|--------|--------|---------|-------|--------|--|
| #1 | .00158  | -.00260 | .00186 | .00375 | -.00015 | .0019 | .00006 |  |
| #2 | -.00163 | -.00285 | .00164 | .00242 | .00044  | .0008 | .00006 |  |

Sample Name: CCB02      Acquired: 3/9/2017 13:29:27      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB03      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2970.3  | 54503.  | 7342.7  | 96.398 | 3368.0 |
| Stddev    | 15.5    | 107.    | 20.2    | 1.083  | 21.4   |
| %RSD      | .52274  | .19606  | .27560  | 1.1236 | .63510 |
| #1        | 2981.3  | 54427.  | 7357.0  | 95.632 | 3383.2 |
| #2        | 2959.4  | 54579.  | 7328.4  | 97.164 | 3352.9 |

Sample Name: I2189-02A      Acquired: 3/9/2017 13:33:38      Type: Unk  
Method: P4-ICP2(v1919)      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    | .82017 | 1.7304 | .89592 | 1.9131 | .82795 | 2.5056 | .26514 | .19596 | .17524 |
| Stddev | .00363 | .0069  | .00163 | .0036  | .00310 | .0102  | .00040 | .00042 | .00088 |
| %RSD   | .44236 | .39578 | .18235 | .18762 | .37409 | .40724 | .15177 | .21395 | .49981 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .81760 | 1.7256 | .89477 | 1.9106 | .82576 | 2.5128 | .26486 | .19566 | .17462 |
| #2 | .82273 | 1.7352 | .89708 | 1.9157 | .83014 | 2.4984 | .26543 | .19626 | .17586 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 29.186 | .35580 | .20612 | .35098 | 2.6800 | .19838 | 3.0467 | .44521 | .07513 |
| Stddev | .122   | .00104 | .00191 | .00224 | .0486  | .00086 | .0290  | .00367 | .00016 |
| %RSD   | .41656 | .29163 | .92836 | .63716 | 1.8138 | .43444 | .36045 | .82365 | .21113 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 29.100 | .35506 | .20477 | .34939 | 2.6456 | .19777 | 8.0262 | .44262 | .07502 |
| #2 | 29.272 | .35653 | .20748 | .35256 | 2.7144 | .19899 | 8.0673 | .44780 | .07525 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 79.614 | .27309 | .19050 | 143.67 | .39770 | .25793 | 3.7319 | 7.3192 | .65302 |
| Stddev | .074   | .00029 | .00250 | .37    | .00192 | .01106 | .0612  | .0754  | .00386 |
| %RSD   | .09248 | .10668 | 1.3105 | .25531 | .48359 | 4.2862 | .70070 | 1.0297 | .59119 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 79.562 | .27289 | .18874 | 143.42 | .39634 | .26575 | 8.6886 | 7.2659 | .65029 |
| #2 | 79.666 | .27330 | .19227 | 143.93 | .39906 | .25012 | 8.7752 | 7.3725 | .65575 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | .22609 | .20855 | 6.447  | .26902 |
| Stddev | .00060 | .00013 | .041   | .00025 |
| %RSD   | .26717 | .06439 | .6343  | .09366 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .22567 | .20864 | 6.418 | .26884 |
| #2 | .22652 | .20845 | 6.475 | .26919 |

Sample Name: I2189-02A      Acquired: 3/9/2017 13:33:38      Type: Unk  
Method: P4-ICP2(v1919)      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       | 2827.7  | 52650.  | 7705.1  | 102.20 | 3098.7 |
| Stddev    | 7.7     | 45.     | 45.6    | 1.04   | 2.0    |
| %RSD      | .27075  | .08541  | .59133  | 1.0156 | .06492 |
| #1        | 2833.1  | 52618.  | 7737.3  | 102.93 | 3100.1 |
| #2        | 2822.3  | 52682.  | 7672.9  | 101.46 | 3097.3 |

Sample Name: I2190-01      Acquired: 3/9/2017 13:37:33      Type: Unk  
 Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: 030617-DSDC-      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |         |         |         |        |        |        |
|--------|--------|--------|---------|---------|---------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203  | Se1960  | Sb2068  | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm     | ppm     | ppm     | ppm    | ppm    | ppm    |
| Avg    | .00353 | .00244 | -.00016 | -.00109 | -.00214 | .03279 | .01047 | .00015 |
| Stddev | .00291 | .00065 | .00002  | .00208  | .00005  | .00864 | .00025 | .00001 |
| %RSD   | 82.362 | 26.564 | 10.129  | 190.59  | 2.3941  | 26.338 | 2.4133 | 9.1444 |

|    |        |        |         |         |         |        |        |        |
|----|--------|--------|---------|---------|---------|--------|--------|--------|
| #1 | .00559 | .00198 | -.00014 | .00038  | -.00218 | .03889 | .01065 | .00016 |
| #2 | .00148 | .00290 | -.00017 | -.00257 | -.00211 | .02668 | .01029 | .00014 |

|        |         |        |         |        |        |        |        |        |
|--------|---------|--------|---------|--------|--------|--------|--------|--------|
| Elem   | Cd2265  | Ca3736 | Cr2677  | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm     | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | -.00010 | 25.161 | -.00016 | .00024 | .00134 | .02557 | .00738 | 3.4135 |
| Stddev | .00004  | .028   | .00008  | .00002 | .00000 | .00857 | .00003 | .0582  |
| %RSD   | 39.192  | .11037 | 46.416  | 9.9624 | .25355 | 33.530 | .43797 | .90690 |

|    |         |        |         |        |        |        |        |        |
|----|---------|--------|---------|--------|--------|--------|--------|--------|
| #1 | -.00013 | 25.141 | -.00011 | .00022 | .00134 | .03163 | .00740 | 6.4547 |
| #2 | -.00007 | 25.180 | -.00021 | .00025 | .00134 | .01951 | .00735 | 6.3724 |

|        |        |        |        |        |         |        |        |        |
|--------|--------|--------|--------|--------|---------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138  | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    |
| Avg    | .00019 | .00010 | 39.843 | .00000 | -.00024 | 1.8815 | .00050 | .01574 |
| Stddev | .00056 | .00016 | .041   | .00011 | .00009  | .0182  | .00020 | .00662 |
| %RSD   | 299.23 | 161.28 | .10265 | 12375. | 37.601  | .97003 | 39.780 | 42.053 |

|    |         |         |        |         |         |        |        |        |
|----|---------|---------|--------|---------|---------|--------|--------|--------|
| #1 | -.00021 | .00021  | 39.814 | -.00008 | -.00018 | 1.8944 | .00036 | .02042 |
| #2 | .00059  | -.00001 | 39.872 | .00008  | -.00030 | 1.8686 | .00064 | .01106 |

|        |        |        |         |        |        |        |        |
|--------|--------|--------|---------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899  | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    |
| Avg    | 5.2648 | 2.0604 | -.00110 | .00184 | .00122 | .0290  | .14291 |
| Stddev | .0260  | .0025  | .00083  | .00025 | .00052 | .0001  | .00010 |
| %RSD   | .49307 | .12072 | 75.660  | 13.448 | 42.728 | .4258  | .07291 |

|    |        |        |         |        |        |       |        |
|----|--------|--------|---------|--------|--------|-------|--------|
| #1 | 5.2464 | 2.0586 | -.00051 | .00202 | .00085 | .0291 | .14284 |
| #2 | 5.2831 | 2.0621 | -.00169 | .00167 | .00159 | .0289 | .14299 |

Sample Name: I2190-01      Acquired: 3/9/2017 13:37:33      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: 030617-DSDC-      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 3161.1  | 59090.  | 3292.2  | 112.37 | 3609.7 |
| Stddev    | 8.2     | 112.    | 11.7    | .24    | .5     |
| %RSD      | .25827  | .19026  | .14072  | .21576 | .01448 |
| #1        | 3166.9  | 59170.  | 8300.5  | 112.20 | 3610.0 |
| #2        | 3155.3  | 59011.  | 8284.0  | 112.54 | 3609.3 |

Sample Name: I2190-02      Acquired: 3/9/2017 13:41:40      Type: Unk  
 Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: 030617-DSDC-      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00190 | .00363 | .00057 | .00034 | .00302 | .02447 | .01139 | .00013 |
| Stddev | .00163 | .00024 | .00099 | .00217 | .00115 | .00214 | .00004 | .00005 |
| %RSD   | 85.683 | 6.6552 | 172.22 | 628.76 | 37.937 | 8.7653 | .31140 | 41.214 |

|    |        |        |         |         |         |        |        |        |
|----|--------|--------|---------|---------|---------|--------|--------|--------|
| #1 | .00306 | .00380 | .00127  | .00188  | -.00221 | .02598 | .01142 | .00017 |
| #2 | .00075 | .00346 | -.00013 | -.00119 | -.00384 | .02295 | .01137 | .00009 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00003 | 25.064 | .00024 | .00015 | .00108 | .01710 | .00771 | 3.4784 |
| Stddev | .00006 | .058   | .00045 | .00030 | .00009 | .00760 | .00003 | .0139  |
| %RSD   | 204.80 | .23182 | 185.43 | 202.72 | 8.5784 | 44.477 | .42205 | .21446 |

|    |         |        |         |         |        |        |        |        |
|----|---------|--------|---------|---------|--------|--------|--------|--------|
| #1 | -.00007 | 25.105 | -.00056 | .00036  | .00101 | .02247 | .00769 | 6.4883 |
| #2 | .00001  | 25.023 | .00008  | -.00006 | .00114 | .01172 | .00773 | 6.4686 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00018 | .00004 | 40.792 | .00016 | .00001 | 1.8781 | .00015 | .00623 |
| Stddev | .00015 | .00009 | .075   | .00003 | .00000 | .0119  | .00002 | .00101 |
| %RSD   | 81.982 | 236.58 | .18282 | 21.032 | 17.351 | .63200 | 15.419 | 16.204 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .00008 | -.00010 | 40.739 | .00018 | .00001 | 1.8865 | .00016 | .00552 |
| #2 | .00029 | .00003  | 40.845 | .00013 | .00001 | 1.8697 | .00013 | .00694 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 5.2569 | 2.0495 | .00131 | .00245 | .00088 | .0294  | .14219 |
| Stddev | .0087  | .0014  | .00071 | .00007 | .00005 | .0017  | .00016 |
| %RSD   | .16632 | .06620 | 53.719 | 2.8579 | 6.1315 | 5.708  | .11470 |

|    |        |        |         |        |        |       |        |
|----|--------|--------|---------|--------|--------|-------|--------|
| #1 | 5.2507 | 2.0505 | -.00081 | .00250 | .00091 | .0282 | .14231 |
| #2 | 5.2630 | 2.0485 | -.00181 | .00240 | .00084 | .0306 | .14208 |



Sample Name: I2190-02      Acquired: 3/9/2017 13:41:40      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: 030617-DSDC-      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 3152.6  | 58485.  | 3232.3  | 108.66 | 3613.0 |
| Stddev    | 9.5     | 192.    | 1.8     | .67    | 6.1    |
| %RSD      | .30024  | .32878  | .02194  | .61989 | .16805 |
| #1        | 3145.9  | 58621.  | 8233.6  | 109.14 | 3608.7 |
| #2        | 3159.3  | 58349.  | 8231.1  | 108.18 | 3617.2 |

Sample Name: I2189-02MS      Acquired: 3/9/2017 13:45:48      Type: Unk  
Method: P4-ICP2(v1919)      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    | .84481 | 1.7753 | .91554 | 1.9776 | .85514 | 2.6009 | .27425 | .20223 | .17932 |
| Stddev | .00194 | .0031  | .00185 | .0043  | .00361 | .0084  | .00002 | .00035 | .00012 |
| %RSD   | .23009 | .17532 | .20213 | .21679 | .42180 | .32171 | .00678 | .17418 | .06897 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .84343 | 1.7731 | .91423 | 1.9745 | .85769 | 2.5950 | .27427 | .20198 | .17923 |
| #2 | .84618 | 1.7775 | .91685 | 1.9806 | .85259 | 2.6068 | .27424 | .20248 | .17941 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 30.066 | .36660 | .20999 | .36308 | 2.8412 | .20494 | 3.3306 | .45636 | .07773 |
| Stddev | .089   | .00001 | .00083 | .00069 | .0667  | .00089 | .0620  | .00181 | .00089 |
| %RSD   | .29498 | .00205 | .39621 | .19038 | 2.3464 | .43355 | .74456 | .39563 | 1.1447 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 30.128 | .36661 | .20940 | .36357 | 2.8883 | .20431 | 8.3745 | .45764 | .07836 |
| #2 | 30.003 | .36660 | .21058 | .36259 | 2.7940 | .20557 | 8.2868 | .45509 | .07710 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 32.290 | .28248 | .20020 | 148.17 | .41292 | .26434 | 9.0141 | 7.5499 | .66597 |
| Stddev | .040   | .00170 | .00395 | .28    | .00104 | .01129 | .0330  | .0167  | .00241 |
| %RSD   | .04881 | .60127 | 1.9754 | .18886 | .25142 | 4.2699 | .36571 | .22154 | .36229 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 82.319 | .28128 | .20300 | 148.36 | .41219 | .25636 | 8.9908 | 7.5380 | .66768 |
| #2 | 82.262 | .28368 | .19740 | 147.97 | .41366 | .27232 | 9.0374 | 7.5617 | .66427 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | .23713 | .21727 | 6.633  | 27909  |
| Stddev | .00088 | .00063 | .004   | .00111 |
| %RSD   | .36902 | .29067 | .0551  | .39650 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .23775 | .21771 | 6.636 | .27987 |
| #2 | .23651 | .21682 | 6.630 | .27831 |

Sample Name: I2189-02MS      Acquired: 3/9/2017 13:45:48      Type: Unk  
Method: P4-ICP2(v1919)      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       | 2710.8  | 50309.  | 7423.3  | 95.909 | 2985.2 |
| Stddev    | 16.6    | 96.     | 2.1     | 1.934  | 15.8   |
| %RSD      | .61246  | .19045  | .02773  | 2.0166 | .52986 |
| #1        | 2699.0  | 50377.  | 7421.8  | 94.541 | 2974.0 |
| #2        | 2722.5  | 50242.  | 7424.7  | 97.276 | 2996.4 |

Sample Name: I2189-02MSD      Acquired: 3/9/2017 13:49:41      Type: Unk  
Method: P4-ICP2(v1919)      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    | .80402 | 1.6881 | .87039 | 1.8782 | .81176 | 2.6483 | .32130 | .19195 | .16976 |
| Stddev | .00649 | .0039  | .00306 | .0172  | .00053 | .0245  | .05460 | .00074 | .00051 |
| %RSD   | .80723 | .23219 | .35104 | .91766 | .06566 | .92379 | 16.995 | .38600 | .29764 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .80861 | 1.6908 | .87255 | 1.8904 | .81138 | 2.6310 | .28269 | .19248 | .17012 |
| #2 | .79943 | 1.6853 | .86822 | 1.8660 | .81214 | 2.6656 | .35991 | .19143 | .16941 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 34.924 | .35044 | .20088 | .34286 | 3.3913 | .19471 | 3.6350 | .43262 | .07527 |
| Stddev | 5.948  | .00186 | .00095 | .00120 | .6895  | .00050 | 1.6491 | .00102 | .00041 |
| %RSD   | 17.032 | .53162 | .47221 | .35129 | 20.331 | .25558 | 17.116 | .23533 | .53899 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 30.718 | .35175 | .20155 | .34371 | 2.9037 | .19506 | 8.4689 | .43334 | .07499 |
| #2 | 39.130 | .34912 | .20021 | .34201 | 3.8788 | .19436 | 10.801 | .43190 | .07556 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 35.561 | .27052 | .23075 | 171.98 | .38945 | .32077 | 3.4648 | 3.7009 | .63183 |
| Stddev | 16.171 | .00056 | .04165 | 29.37  | .00184 | .06912 | .0559  | 1.5949 | .00141 |
| %RSD   | 16.922 | .20616 | 18.049 | 17.075 | .47264 | 21.549 | .66017 | 16.440 | .22242 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 84.126 | .27012 | .20130 | 151.21 | .39076 | .27189 | 8.5043 | 8.5732 | .63282 |
| #2 | 106.99 | .27091 | .26020 | 192.74 | .38815 | .36965 | 8.4252 | 10.829 | .63084 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | .29035 | .25442 | 3.291  | .32674 |
| Stddev | .04821 | .04292 | .021   | .05580 |
| %RSD   | 16.603 | 16.868 | .3282  | 17.079 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .25627 | .22407 | 6.305 | .28728 |
| #2 | .32444 | .28476 | 6.276 | .36620 |

Sample Name: I2189-02MSD      Acquired: 3/9/2017 13:49:41      Type: Unk  
Method: P4-ICP2(v1919)      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       | 2838.6  | 52438.  | 3528.4  | 34.267 | 3124.8 |
| Stddev    | 12.5    | 122.    | 975.5   | 14.758 | 11.4   |
| %RSD      | .44209  | .23352  | 14.943  | 17.514 | .36546 |
| #1        | 2829.8  | 52351.  | 7218.1  | 94.702 | 3116.8 |
| #2        | 2847.5  | 52524.  | 5838.6  | 73.831 | 3132.9 |

Sample Name: PB97441BL      Acquired: 3/9/2017 13:53:34      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: PBW      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |         |        |        |        |         |        |
|--------|--------|--------|---------|--------|--------|--------|---------|--------|
| Elem   | As1890 | Tl1908 | Pb2203  | Se1960 | Sb2068 | Al3961 | Ba4934  | Be2348 |
| Units  | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    | ppm     | ppm    |
| Avg    | .00233 | .00004 | -.00158 | .00036 | .00020 | .00706 | -.00234 | .00006 |
| Stddev | .00056 | .00075 | .00034  | .00008 | .00014 | .00380 | .00081  | .00005 |
| %RSD   | 24.057 | 2021.3 | 21.361  | 21.804 | 67.174 | 53.839 | 34.401  | 95.752 |

|    |         |         |         |        |        |        |         |        |
|----|---------|---------|---------|--------|--------|--------|---------|--------|
| #1 | -.00272 | -.00049 | -.00134 | .00030 | .00030 | .00974 | -.00291 | .00002 |
| #2 | -.00193 | .00057  | -.00182 | .00041 | .00011 | .00437 | -.00177 | .00009 |

|        |         |        |         |        |         |        |         |        |
|--------|---------|--------|---------|--------|---------|--------|---------|--------|
| Elem   | Cd2265  | Ca3736 | Cr2677  | Co2286 | Cu2247  | Fe2404 | Mn2576  | Mg2790 |
| Units  | ppm     | ppm    | ppm     | ppm    | ppm     | ppm    | ppm     | ppm    |
| Avg    | .00000  | .00149 | -.00026 | .00009 | -.00013 | .00073 | -.00002 | .00390 |
| Stddev | .0001   | .00882 | .00004  | .00005 | .00006  | .00287 | .00005  | .00638 |
| %RSD   | 800990. | 594.08 | 15.651  | 57.528 | 47.618  | 395.20 | 211.48  | 163.50 |

|    |         |         |         |        |         |         |         |         |
|----|---------|---------|---------|--------|---------|---------|---------|---------|
| #1 | .00003  | .00772  | -.00029 | .00012 | -.00008 | .00275  | .00001  | -.00061 |
| #2 | -.00003 | -.00475 | -.00023 | .00005 | -.00017 | -.00130 | -.00005 | .00841  |

|        |        |         |         |         |         |        |        |         |
|--------|--------|---------|---------|---------|---------|--------|--------|---------|
| Elem   | Ni2316 | Ag3280  | Na5895  | V_2924  | Zn2138  | K_7664 | Mo2020 | B_2496  |
| Units  | ppm    | ppm     | ppm     | ppm     | ppm     | ppm    | ppm    | ppm     |
| Avg    | .00005 | -.00029 | -.00319 | -.00047 | -.00097 | .07393 | .00030 | -.01316 |
| Stddev | .00019 | .00017  | .00368  | .00007  | .00006  | .00613 | .00027 | .00176  |
| %RSD   | 368.32 | 56.269  | 115.46  | 14.680  | 6.4819  | 8.2869 | 92.225 | 13.374  |

|    |         |         |         |         |         |        |        |         |
|----|---------|---------|---------|---------|---------|--------|--------|---------|
| #1 | -.00008 | -.00041 | -.00058 | -.00042 | -.00092 | .07826 | .00049 | -.01441 |
| #2 | .00019  | -.00018 | -.00579 | -.00052 | -.00101 | .06960 | .00010 | -.01192 |

|        |        |         |        |        |         |        |        |  |
|--------|--------|---------|--------|--------|---------|--------|--------|--|
| Elem   | S_1820 | Si2881  | Sn1899 | Ti3361 | Li6707  | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm     | ppm    | ppm    |  |
| Avg    | .00340 | -.00088 | .00012 | .00245 | -.00054 | .0006  | .00003 |  |
| Stddev | .00059 | .00028  | .00071 | .00091 | .00155  | .0009  | .00005 |  |
| %RSD   | 17.466 | 31.554  | 592.21 | 37.233 | 287.20  | 136.8  | 153.74 |  |

|    |        |         |         |        |         |       |        |  |
|----|--------|---------|---------|--------|---------|-------|--------|--|
| #1 | .00382 | -.00108 | .00062  | .00181 | -.00164 | .0000 | .00007 |  |
| #2 | .00298 | -.00068 | -.00038 | .00310 | .00056  | .0012 | .00000 |  |

Sample Name: PB97441BL      Acquired: 3/9/2017 13:53:34      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: PBW      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2973.5  | 54015.  | 7373.3  | 96.711 | 3389.2 |
| Stddev    | 25.2    | 285.    | 31.1    | 1.032  | 18.2   |
| %RSD      | .84765  | .52815  | .42140  | 1.0668 | .53823 |
| #1        | 2955.7  | 53813.  | 7351.3  | 95.982 | 3376.3 |
| #2        | 2991.3  | 54216.  | 7395.3  | 97.441 | 3402.1 |

Sample Name: PB97441BS      Acquired: 3/9/2017 13:57:44      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: LCSW      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |          |        |        |        |
|--------|--------|--------|--------|----------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960   | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm      | ppm    | ppm    | ppm    |
| Avg    | .83039 | 1.8917 | .95435 | 2.0272   | .85835 | 2.0011 | .22039 |
| Stddev | .01302 | .0340  | .01358 | .0223    | .01506 | .0017  | .00105 |
| %RSD   | 1.5683 | 1.7999 | 1.4230 | 1.1007   | 1.7546 | .08708 | .47741 |
| #1     | .82118 | 1.8677 | .94475 | 2.0114   | .84770 | 2.0023 | .21965 |
| #2     | .83960 | 1.9158 | .96395 | 2.0430   | .86900 | 1.9998 | .22114 |
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677   | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm      | ppm    | ppm    | ppm    |
| Avg    | .20105 | .18713 | 1.0216 | .37748   | .19659 | .32516 | 2.8775 |
| Stddev | .00034 | .00361 | .0083  | .00063   | .00373 | .00518 | .0431  |
| %RSD   | .16865 | 1.9268 | .81489 | .16570   | 1.8952 | 1.5941 | 1.4978 |
| #1     | .20129 | .18458 | 1.0158 | .37704   | .19396 | .32150 | 2.8470 |
| #2     | .20081 | .18968 | 1.0275 | .37793   | .19923 | .32883 | 2.9079 |
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280   | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm      | ppm    | ppm    | ppm    |
| Avg    | .21227 | 1.8760 | .47350 | .07071   | 2.9780 | .28702 | .19429 |
| Stddev | .00001 | .0634  | .00876 | .00064   | .0065  | .00075 | .00202 |
| %RSD   | .00638 | 3.3777 | 1.8504 | .90121   | .21759 | .26232 | 1.0418 |
| #1     | .21228 | 1.8312 | .46730 | .07116   | 2.9734 | .28649 | .19286 |
| #2     | .21226 | 1.9208 | .47969 | .07026   | 2.9826 | .28755 | .19572 |
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820   | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm      | ppm    | ppm    | ppm    |
| Avg    | 10.366 | .42257 | .26611 | F .00182 | .86490 | .67894 | .20511 |
| Stddev | .040   | .00638 | .00166 | .00005   | .00334 | .01424 | .00135 |
| %RSD   | .38860 | 1.5093 | .62201 | 2.5416   | .38633 | 2.0968 | .65796 |
| #1     | 10.337 | .41806 | .26494 | -.00185  | .86253 | .66888 | .20415 |
| #2     | 10.394 | .42708 | .26728 | -.00179  | .86726 | .68901 | .20606 |



Sample Name: PB97441BS      Acquired: 3/9/2017 13:57:44      Type: Unk  
 Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: LCSW      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |
|--------|--------|--------|--------|
| Elem   | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    |
| Avg    | .21823 | 5.360  | .20508 |
| Stddev | .00117 | .081   | .00025 |
| %RSD   | .53676 | 1.509  | .12327 |

|    |        |       |        |
|----|--------|-------|--------|
| #1 | .21740 | 5.303 | .20491 |
| #2 | .21906 | 5.417 | .20526 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2944.8  | 54175.  | 7402.3  | 99.030 | 3378.2 |
| Stddev    | 32.5    | 104.    | 3.8     | .630   | 38.7   |
| %RSD      | 1.1040  | .19272  | .05179  | .63655 | 1.1459 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2967.8 | 54101. | 7405.0 | 99.476 | 3405.6 |
| #2 | 2921.8 | 54248. | 7399.6 | 98.585 | 3350.8 |

Sample Name: PB97441TB      Acquired: 3/9/2017 14:01:39      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: PB97441TB      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00606 | .00305 | .00134 | .00251 | .00015 | .00715 | .00235 | .00008 |
| Stddev | .00303 | .00002 | .00143 | .00130 | .00063 | .01186 | .00084 | .00007 |
| %RSD   | 49.896 | .71411 | 106.68 | 51.890 | 424.57 | 165.92 | 35.844 | 92.445 |

|    |         |         |         |        |         |         |         |         |
|----|---------|---------|---------|--------|---------|---------|---------|---------|
| #1 | -.00820 | -.00304 | -.00033 | .00342 | .00059  | .00124  | -.00295 | -.00003 |
| #2 | -.00392 | -.00307 | -.00236 | .00159 | -.00030 | -.01553 | -.00175 | -.00013 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00013 | .02834 | .00105 | .00008 | .00045 | .00433 | .00018 | .01146 |
| Stddev | .00007 | .00055 | .00014 | .00005 | .00021 | .00297 | .00002 | .00763 |
| %RSD   | 56.786 | 1.9383 | 13.607 | 66.966 | 47.634 | 68.628 | 13.008 | 66.630 |

|    |         |        |        |         |         |        |        |         |
|----|---------|--------|--------|---------|---------|--------|--------|---------|
| #1 | -.00008 | .02795 | .00095 | -.00012 | -.00060 | .00223 | .00020 | -.01685 |
| #2 | -.00018 | .02873 | .00115 | -.00004 | -.00030 | .00642 | .00017 | -.00606 |

|        |        |        |          |        |        |        |        |        |
|--------|--------|--------|----------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895   | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm      | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00165 | .00018 | F 319.48 | .00045 | .00120 | .08660 | .00071 | .00138 |
| Stddev | .00030 | .00009 | 1.42     | .00033 | .00004 | .00333 | .00024 | .00291 |
| %RSD   | 18.459 | 50.889 | .44466   | 74.079 | 2.9649 | 3.8417 | 33.370 | 211.10 |

|    |        |         |        |         |        |        |        |         |
|----|--------|---------|--------|---------|--------|--------|--------|---------|
| #1 | .00143 | -.00024 | 320.49 | -.00068 | .00122 | .08425 | .00087 | -.00343 |
| #2 | .00187 | -.00011 | 318.48 | -.00021 | .00117 | .08896 | .00054 | .00068  |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .00708 | .00130 | .00217 | .00229 | .00058 | .00007 | .00010 |  |
| Stddev | .00371 | .00091 | .00101 | .00007 | .00088 | .0002  | .00002 |  |
| %RSD   | 52.421 | 70.172 | 46.436 | 2.9955 | 153.08 | 22.73  | 23.557 |  |

|    |        |        |        |        |         |        |        |  |
|----|--------|--------|--------|--------|---------|--------|--------|--|
| #1 | .00970 | .00195 | .00288 | .00224 | -.00005 | -.0009 | .00012 |  |
| #2 | .00446 | .00066 | .00145 | .00234 | .00120  | -.0006 | .00008 |  |

Sample Name: PB97441TB      Acquired: 3/9/2017 14:01:39      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: PB97441TB      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2800.0  | 49311.  | 7098.0  | 31.234 | 3000.9 |
| Stddev    | 28.5    | 397.    | 61.6    | 2.118  | 23.6   |
| %RSD      | 1.0187  | .80556  | .86846  | 2.3216 | .78643 |
| #1        | 2779.9  | 49030.  | 7054.4  | 89.736 | 2984.2 |
| #2        | 2820.2  | 49591.  | 7141.6  | 92.732 | 3017.6 |

Sample Name: I2127-22      Acquired: 3/9/2017 14:05:53      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: D-1      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00001 | .00162 | .00256 | .00168 | .00081 | .04575 | .15322 | .00001 |
| Stddev | .00156 | .00083 | .00046 | .00034 | .00063 | .00254 | .00018 | .00006 |
| %RSD   | 11077. | 51.335 | 17.833 | 20.142 | 77.220 | 5.5613 | .11804 | 505.47 |

|    |         |         |        |        |         |        |        |         |
|----|---------|---------|--------|--------|---------|--------|--------|---------|
| #1 | -.00111 | -.00221 | .00288 | .00192 | -.00037 | .04395 | .15335 | -.00006 |
| #2 | .00109  | -.00103 | .00223 | .00144 | -.00125 | .04755 | .15310 | .00003  |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00007 | 4.3501 | .00139 | .00065 | .00892 | 2.1936 | .16783 | .78106 |
| Stddev | .00008 | .0358  | .00029 | .00016 | .00022 | .0263  | .00033 | .03933 |
| %RSD   | 118.10 | .82343 | 20.953 | 24.506 | 2.4865 | 1.2003 | .19752 | 5.0360 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00001 | 4.3247 | .00160 | .00076 | .00877 | 2.2122 | .16807 | .80887 |
| #2 | .00013 | 4.3754 | .00118 | .00054 | .00908 | 2.1750 | .16760 | .75324 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00139 | .00010 | 290.80 | .00159 | .03166 | .55516 | .00048 | .01898 |
| Stddev | .00085 | .00054 | 3.79   | .00002 | .00010 | .02707 | .00020 | .00115 |
| %RSD   | 61.232 | 520.49 | 1.3032 | 1.2557 | .32895 | 4.8762 | 41.800 | 6.0539 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .00199 | .00049  | 288.12 | .00158 | .03174 | .53602 | .00062 | .01979 |
| #2 | .00079 | -.00028 | 293.48 | .00160 | .03159 | .57430 | .00034 | .01816 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .12367 | .15563 | .00182 | .00233 | .00170 | .0130  | .02382 |
| Stddev | .00051 | .00072 | .00005 | .00192 | .00057 | .0005  | .00007 |
| %RSD   | .40969 | .46565 | 2.8777 | 82.383 | 33.296 | 4.091  | .27776 |

|    |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|-------|--------|
| #1 | .12403 | .15615 | .00178 | .00369 | .00210 | .0127 | .02377 |
| #2 | .12331 | .15512 | .00186 | .00097 | .00130 | .0134 | .02386 |

Sample Name: I2127-22      Acquired: 3/9/2017 14:05:53      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: D-1      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2693.7  | 48045.  | 3884.8  | 90.793 | 2885.7 |
| Stddev    | 9.4     | 225.    | 5.8     | .871   | 13.7   |
| %RSD      | .34848  | .46746  | .08468  | .95935 | .47460 |
| #1        | 2687.1  | 47886.  | 6889.0  | 90.177 | 2876.0 |
| #2        | 2700.4  | 48204.  | 6880.7  | 91.409 | 2895.4 |

Sample Name: I2127-22DUP      Acquired: 3/9/2017 14:10:06      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: D-1DUP      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00066 | .00420 | .00190 | .00299 | .00011 | .04565 | .15137 | .00006 |
| Stddev | .00332 | .00174 | .00008 | .00438 | .00079 | .00501 | .00011 | .00003 |
| %RSD   | 499.96 | 41.363 | 4.1147 | 146.27 | 731.18 | 10.978 | .07135 | 45.875 |

|    |         |         |        |         |         |        |        |        |
|----|---------|---------|--------|---------|---------|--------|--------|--------|
| #1 | .00301  | -.00297 | .00195 | .00609  | -.00067 | .04920 | .15129 | .00004 |
| #2 | -.00168 | -.00543 | .00184 | -.00010 | .00045  | .04211 | .15144 | .00008 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00000 | 4.3483 | .00149 | .00096 | .00874 | 2.2314 | .16659 | .75567 |
| Stddev | .00001 | .0291  | .00047 | .00016 | .00046 | .0077  | .00033 | .04976 |
| %RSD   | 127.77 | .67012 | 31.390 | 17.196 | 5.3019 | .34374 | .19618 | 6.5855 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00000 | 4.3277 | .00182 | .00107 | .00841 | 2.2368 | .16636 | .72048 |
| #2 | .00001 | 4.3689 | .00116 | .00084 | .00906 | 2.2260 | .16682 | .79086 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00129 | .00020 | 288.10 | .00192 | .03235 | .53095 | .00060 | .00406 |
| Stddev | .00017 | .00024 | .32    | .00027 | .00014 | .01140 | .00021 | .01269 |
| %RSD   | 13.066 | 117.46 | .11200 | 13.816 | .43856 | 2.1478 | 35.384 | 312.96 |

|    |        |         |        |        |        |        |        |         |
|----|--------|---------|--------|--------|--------|--------|--------|---------|
| #1 | .00141 | -.00003 | 287.87 | .00174 | .03225 | .53902 | .00075 | -.00492 |
| #2 | .00117 | -.00037 | 288.33 | .00211 | .03245 | .52289 | .00045 | .01303  |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .12253 | .15312 | .00091 | .00319 | .00046 | .0135  | .02365 |
| Stddev | .00291 | .00091 | .00046 | .00144 | .00012 | .0008  | .00008 |
| %RSD   | 2.3731 | .59711 | 50.837 | 45.137 | 25.299 | 6.142  | .32703 |

|    |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|-------|--------|
| #1 | .12047 | .15247 | .00124 | .00420 | .00055 | .0141 | .02371 |
| #2 | .12458 | .15376 | .00058 | .00217 | .00038 | .0129 | .02360 |

Sample Name: I2127-22DUP      Acquired: 3/9/2017 14:10:06      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: D-1DUP      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2713.4  | 48555.  | 3960.9  | 39.652 | 2904.2 |
| Stddev    | 4.0     | 273.    | 6.8     | .620   | 4.5    |
| %RSD      | .14642  | .56279  | .09738  | .69192 | .15646 |
| #1        | 2710.6  | 48362.  | 6965.7  | 89.214 | 2907.4 |
| #2        | 2716.2  | 48749.  | 6956.1  | 90.091 | 2901.0 |

Sample Name: CCV03      Acquired: 3/9/2017 14:14:19      Type: Unk  
 Method: P4-ICP2(v1919)      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    | 5.2104 | 4.7568 | 4.8960 | 5.1247 | 5.2152 | 9.9877 | 10.372 | 25618  | 2.4111 |
| Stddev | .0069  | .0028  | .0033  | .0189  | .0053  | .0532  | .079   | .00071 | .0032  |
| %RSD   | .13171 | .05869 | .06743 | .36941 | .10162 | .53225 | .75910 | .27755 | .13412 |

|    |        |        |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|--------|--------|-------|--------|
| #1 | 5.2153 | 4.7587 | 4.8983 | 5.1113 | 5.2115 | 9.9501 | 10.428 | 25567 | 2.4088 |
| #2 | 5.2056 | 4.7548 | 4.8936 | 5.1380 | 5.2190 | 10.025 | 10.316 | 25668 | 2.4134 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 24.006 | 93727  | 2.4587 | 1.2613 | 4.7150 | 2.5811 | 23.793 | 2.3725 | 1.2263 |
| Stddev | .032   | .00007 | .0032  | .0034  | .0092  | .0025  | .082   | .0052  | .0012  |
| %RSD   | .13520 | .00714 | .13144 | .26857 | .19489 | .09845 | .34640 | .21848 | .09416 |

|    |        |       |        |        |        |        |        |        |        |
|----|--------|-------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 23.983 | 93722 | 2.4564 | 1.2589 | 4.7085 | 2.5829 | 23.735 | 2.3688 | 1.2254 |
| #2 | 24.029 | 93732 | 2.4610 | 1.2637 | 4.7215 | 2.5793 | 23.852 | 2.3762 | 1.2271 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 24.586 | 2.3925 | 2.3491 | 25.701 | 4.9491 | 4.5581 | 4.7131 | 4.5738 | 4.8460 |
| Stddev | .048   | .0014  | .0068  | .061   | .0085  | .0027  | .0067  | .0095  | .0085  |
| %RSD   | .19485 | .06069 | .28847 | .23822 | .17124 | .06040 | .14283 | .20786 | .17533 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 24.552 | 2.3936 | 2.3443 | 25.657 | 4.9431 | 4.5562 | 4.7084 | 4.5806 | 4.8400 |
| #2 | 24.619 | 2.3915 | 2.3539 | 25.744 | 4.9551 | 4.5601 | 4.7179 | 4.5671 | 4.8520 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.9537 | 5.2683 | 4.823  | 4.9618 |
| Stddev | .0015  | .0129  | .001   | .0186  |
| %RSD   | .03122 | .24407 | .0292  | .37546 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 4.9548 | 5.2592 | 4.822 | 4.9749 |
| #2 | 4.9526 | 5.2774 | 4.824 | 4.9486 |



Sample Name: CCV03      Acquired: 3/9/2017 14:14:19      Type: Unk  
Method: P4-ICP2(v1919)      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       | 2908.2  | 52390.  | 7295.2  | 96.467 | 3104.3 |
| Stddev    | .7      | 14.     | 26.7    | .245   | 1.3    |
| %RSD      | .02561  | .02750  | .36634  | .25430 | .04228 |
| #1        | 2908.8  | 52401.  | 7276.3  | 96.641 | 3103.4 |
| #2        | 2907.7  | 52380.  | 7314.1  | 96.294 | 3105.3 |

Sample Name: CCB03      Acquired: 3/9/2017 14:18:20      Type: Unk  
Method: P4-ICP2(v1919)      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 | .00341 | .00111 | .00193 | .00107 | .00331 | .00168 | .00007 |
| Stddev | .00112 | .00070 | .00100 | .00368 | .00241 | .00666 | .00009 | .00001 |
| %RSD   | 260.35 | 20.439 | 89.676 | 190.42 | 226.12 | 201.13 | 5.3372 | 11.767 |

|    |         |        |         |         |         |         |         |        |
|----|---------|--------|---------|---------|---------|---------|---------|--------|
| #1 | .00036  | .00390 | -.00182 | -.00067 | -.00064 | .00140  | -.00162 | .00008 |
| #2 | -.00122 | .00292 | -.00041 | .00454  | .00277  | -.00802 | -.00175 | .00007 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00003 | .00483 | .00014 | .00015 | .00006 | .00755 | .00001 | .00619 |
| Stddev | .00006 | .01176 | .00005 | .00009 | .00006 | .00042 | .00007 | .05405 |
| %RSD   | 213.29 | 243.50 | 37.821 | 63.337 | 91.089 | 5.5192 | 535.56 | 873.56 |

|    |         |         |        |        |        |         |         |         |
|----|---------|---------|--------|--------|--------|---------|---------|---------|
| #1 | .00001  | -.00349 | .00010 | .00022 | .00002 | -.00726 | -.00007 | .03203  |
| #2 | -.00007 | .01314  | .00017 | .00008 | .00010 | -.00785 | .00004  | -.04440 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00004 | .00005 | .00179 | .00039 | .00096 | .02113 | .00136 | .00481 |
| Stddev | .00028 | .00021 | .00054 | .00015 | .00002 | .02053 | .00009 | .01606 |
| %RSD   | 653.03 | 439.77 | 30.051 | 38.580 | 1.7957 | 97.174 | 6.8442 | 334.14 |

|    |         |         |         |         |         |        |        |         |
|----|---------|---------|---------|---------|---------|--------|--------|---------|
| #1 | .00016  | .00020  | -.00217 | -.00049 | -.00097 | .03564 | .00143 | .00655  |
| #2 | -.00024 | -.00010 | -.00141 | -.00028 | -.00094 | .00661 | .00130 | -.01616 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .00105 | .00381 | .00214 | .00279 | .00001 | .0002  | .00002 |  |
| Stddev | .00107 | .00037 | .00055 | .00013 | .00027 | .0002  | .00002 |  |
| %RSD   | 101.68 | 9.6590 | 25.596 | 4.7771 | 2214.1 | 124.3  | 133.22 |  |

|    |         |         |        |        |         |        |        |  |
|----|---------|---------|--------|--------|---------|--------|--------|--|
| #1 | -.00180 | -.00355 | .00253 | .00270 | .00018  | -.0003 | .00003 |  |
| #2 | -.00029 | -.00407 | .00175 | .00289 | -.00020 | .0000  | .00000 |  |

Sample Name: CCB03      Acquired: 3/9/2017 14:18:20      Type: Unk  
Method: P4-ICP2(v1919)      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       | 3003.5  | 54427.  | 7181.5  | 95.275 | 3423.1 |
| Stddev    | 20.8    | 49.     | 35.8    | .633   | 15.5   |
| %RSD      | .69133  | .08962  | .49782  | .66458 | .45389 |
| #1        | 2988.9  | 54392.  | 7156.2  | 95.723 | 3412.1 |
| #2        | 3018.2  | 54461.  | 7206.8  | 94.827 | 3434.1 |

Sample Name: I2127-22LX5      Acquired: 3/9/2017 14:22:30      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: D-1      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00438 | .00160 | .00027 | .00204 | .00099 | .00815 | .02765 | .00005 |
| Stddev | .00418 | .00060 | .00040 | .00234 | .00039 | .01024 | .00023 | .00002 |
| %RSD   | 95.385 | 37.504 | 151.34 | 115.06 | 39.023 | 125.59 | .83946 | 37.851 |

|    |         |        |         |        |        |        |        |        |
|----|---------|--------|---------|--------|--------|--------|--------|--------|
| #1 | -.00733 | .00118 | -.00055 | .00369 | .00126 | .00091 | .02781 | .00006 |
| #2 | -.00143 | .00203 | .00002  | .00038 | .00072 | .01540 | .02748 | .00003 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00001 | .82293 | .00009 | .00003 | .00155 | .41530 | .03199 | .16201 |
| Stddev | .00009 | .00325 | .00006 | .00024 | .00018 | .01297 | .00003 | .02916 |
| %RSD   | 633.79 | .39541 | 74.637 | 712.12 | 11.560 | 3.1220 | .10897 | 17.997 |

|    |         |        |        |         |        |        |        |        |
|----|---------|--------|--------|---------|--------|--------|--------|--------|
| #1 | .00005  | .82063 | .00004 | .00020  | .00142 | .42447 | .03197 | .18263 |
| #2 | -.00008 | .82524 | .00013 | -.00013 | .00168 | .40613 | .03202 | .14139 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00008 | .00012 | 56.634 | .00020 | .00547 | .11567 | .00036 | .00535 |
| Stddev | .00011 | .00018 | .013   | .00006 | .00004 | .00250 | .00004 | .00501 |
| %RSD   | 147.54 | 147.94 | .02351 | 30.872 | .80619 | 2.1648 | 11.354 | 93.709 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .00000 | -.00001 | 56.643 | .00015 | .00544 | .11744 | .00033 | .00180 |
| #2 | .00016 | .00025  | 56.624 | .00024 | .00550 | .11390 | .00038 | .00890 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .02256 | .02589 | .00099 | .00318 | .00049 | .0035  | .00450 |  |
| Stddev | .00026 | .00127 | .00044 | .00068 | .00033 | .0012  | .00004 |  |
| %RSD   | 1.1697 | 4.9026 | 44.900 | 21.274 | 67.007 | 33.41  | .97454 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | .02275 | .02500 | .00067 | .00366 | .00026 | .0043 | .00453 |  |
| #2 | .02238 | .02679 | .00130 | .00270 | .00072 | .0027 | .00447 |  |

Sample Name: I2127-22LX5      Acquired: 3/9/2017 14:22:30      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: D-1      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2997.6  | 54007.  | 7370.7  | 98.631 | 3360.2 |
| Stddev    | 12.9    | 318.    | 17.2    | 1.271  | 14.6   |
| %RSD      | .42969  | .58790  | .23299  | 1.2888 | .43429 |
| #1        | 2988.5  | 53783.  | 7382.8  | 97.732 | 3349.9 |
| #2        | 3006.7  | 54232.  | 7358.5  | 99.530 | 3370.5 |

Sample Name: I2127-22MS      Acquired: 3/9/2017 14:26:38      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: D-1MS      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    | .97478 | 1.9577 | 1.0798 | 2.2621 | .92991 | 2.4415 | .45613 | .23344 | .22626 |
| Stddev | .00286 | .0103  | .0028  | .0026  | .00219 | .0267  | .00302 | .00086 | .00079 |
| %RSD   | .29324 | .52370 | .25535 | .11366 | .23502 | 1.0944 | .66101 | .36925 | .35129 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .97680 | 1.9505 | 1.0817 | 2.2639 | .92837 | 2.4226 | .45826 | .23283 | .22570 |
| #2 | .97276 | 1.9650 | 1.0778 | 2.2603 | .93146 | 2.4604 | .45400 | .23405 | .22682 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 3.9206 | .45005 | .23506 | .36133 | 3.1554 | .46472 | 3.2750 | .56068 | .08058 |
| Stddev | .0090  | .00019 | .00083 | .00047 | .0725  | .00261 | .0399  | .00099 | .00059 |
| %RSD   | .13001 | .04117 | .35518 | .12919 | 1.1776 | .56127 | 1.2197 | .17621 | .73696 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 6.9269 | .44992 | .23565 | .36100 | 6.2067 | .46287 | 3.3033 | .55998 | .08100 |
| #2 | 6.9142 | .45018 | .23447 | .36166 | 6.1041 | .46656 | 3.2468 | .56138 | .08016 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 376.51 | .34962 | .26225 | 13.254 | .48317 | .33128 | .15716 | 1.0973 | .77944 |
| Stddev | .38    | .00264 | .00163 | .086   | .00073 | .00895 | .00281 | .0015  | .00009 |
| %RSD   | .10118 | .75497 | .62225 | .65034 | .15135 | 2.7004 | 1.7902 | .13581 | .01128 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 376.24 | .34775 | .26340 | 13.315 | .48265 | .33761 | .15915 | 1.0984 | .77950 |
| #2 | 376.78 | .35148 | .26110 | 13.193 | .48368 | .32496 | .15517 | 1.0963 | .77938 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | .24263 | .26523 | 6.655  | .26867 |
| Stddev | .00110 | .00168 | .027   | .00055 |
| %RSD   | .45244 | .63206 | .4109  | .20596 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .24340 | .26642 | 6.635 | .26906 |
| #2 | .24185 | .26405 | 6.674 | .26828 |

Sample Name: I2127-22MS      Acquired: 3/9/2017 14:26:38      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: D-1MS      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2726.2  | 48237.  | 3725.2  | 90.919 | 2883.3 |
| Stddev    | 13.9    | 47.     | 53.9    | 1.014  | 11.2   |
| %RSD      | .51080  | .09810  | .80182  | 1.1153 | .38729 |
| #1        | 2716.4  | 48203.  | 6687.1  | 90.202 | 2875.5 |
| #2        | 2736.1  | 48270.  | 6763.4  | 91.636 | 2891.2 |

Sample Name: I2127-22MSD      Acquired: 3/9/2017 14:30:39      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: D-1MSD      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    | .98056 | 1.9755 | 1.0849 | 2.2718 | .93528 | 2.4673 | .44144 | .23641 | .22785 |
| Stddev | .00405 | .0019  | .0007  | .0060  | .00266 | .0157  | .00962 | .00133 | .00076 |
| %RSD   | .41281 | .09568 | .06542 | .26536 | .28491 | .63604 | 2.1792 | .56075 | .33190 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .98343 | 1.9769 | 1.0854 | 2.2676 | .93717 | 2.4784 | .43464 | .23735 | .22839 |
| #2 | .97770 | 1.9742 | 1.0844 | 2.2761 | .93340 | 2.4562 | .44824 | .23547 | .22732 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 3.7199 | .45533 | .23712 | .36438 | 3.0749 | .47159 | 3.1808 | .56512 | .08152 |
| Stddev | .2097  | .00419 | .00084 | .00015 | .0570  | .00295 | .0609  | .00049 | .00089 |
| %RSD   | 3.1206 | .91992 | .35471 | .04189 | .93833 | .62646 | 1.9151 | .08737 | 1.0883 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 6.5716 | .45829 | .23772 | .36449 | 6.0346 | .47368 | 3.1377 | .56547 | .08214 |
| #2 | 6.8682 | .45237 | .23653 | .36428 | 6.1152 | .46950 | 3.2239 | .56477 | .08089 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 363.32 | .35354 | .25874 | 12.794 | .48727 | .33037 | .15577 | 1.0623 | .78482 |
| Stddev | 6.58   | .00134 | .00251 | .253   | .00125 | .00657 | .00083 | .0225  | .00063 |
| %RSD   | 1.8121 | .37853 | .97155 | 1.9742 | .25665 | 1.9902 | .53440 | 2.1196 | .08009 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 358.67 | .35449 | .25696 | 12.616 | .48816 | .32572 | .15636 | 1.0464 | .78527 |
| #2 | 367.98 | .35259 | .26052 | 12.973 | .48639 | .33502 | .15518 | 1.0783 | .78438 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | .23331 | .25570 | 3.712  | 25952  |
| Stddev | .00482 | .00464 | .004   | .00555 |
| %RSD   | 2.0647 | 1.8153 | .0568  | 2.1389 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .22990 | .25242 | 6.709 | .25560 |
| #2 | .23671 | .25899 | 6.714 | .26345 |



Sample Name: I2127-22MSD      Acquired: 3/9/2017 14:30:39      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: D-1MSD      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2706.6  | 47846.  | 3948.0  | 92.403 | 2865.5 |
| Stddev    | 5.7     | 635.    | 124.0   | .836   | 1.8    |
| %RSD      | .20904  | 1.3277  | 1.7842  | .90522 | .06153 |
| #1        | 2702.6  | 47397.  | 7035.7  | 92.994 | 2864.3 |
| #2        | 2710.6  | 48295.  | 6860.3  | 91.811 | 2866.8 |

Sample Name: I2127-22A      Acquired: 3/9/2017 14:34:41      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: D-1      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .82628 | 1.7076 | .91549 | 1.9159 | .79423 | 2.0406 | .36170 | .19649 | .19020 |
| Stddev | .00091 | .0038  | .00262 | .0047  | .00137 | .0187  | .00059 | .00008 | .00113 |
| %RSD   | .10972 | .22217 | .28607 | .24659 | .17219 | .91801 | .16413 | .03986 | .59487 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .82564 | 1.7049 | .91734 | 1.9192 | .79326 | 2.0273 | .36212 | .19655 | .18940 |
| #2 | .82692 | 1.7102 | .91364 | 1.9125 | .79520 | 2.0538 | .36128 | .19644 | .19100 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 5.2149 | .37820 | .19750 | .30938 | 4.8855 | .36820 | 2.6231 | .47297 | .06892 |
| Stddev | .0015  | .00189 | .00069 | .00018 | .0474  | .00086 | .0184  | .00212 | .00033 |
| %RSD   | .02800 | .50024 | .35065 | .05738 | .96954 | .23409 | .69977 | .44819 | .48043 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 5.2160 | .37686 | .19701 | .30925 | 4.9190 | .36759 | 2.6360 | .47147 | .06915 |
| #2 | 5.2139 | .37954 | .19799 | .30950 | 4.8520 | .36881 | 2.6101 | .47447 | .06868 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 280.96 | .29131 | .21781 | 10.868 | .41315 | .26055 | .11075 | .92783 | .66980 |
| Stddev | 2.72   | .00179 | .00003 | .010   | .00105 | .00056 | .00043 | .00062 | .00051 |
| %RSD   | .96918 | .61496 | .01318 | .09158 | .25357 | .21322 | .39187 | .06666 | .07650 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 282.88 | .29005 | .21779 | 10.861 | .41241 | .26016 | .11105 | .92827 | .66943 |
| #2 | 279.03 | .29258 | .21783 | 10.875 | .41389 | .26094 | .11044 | .92739 | .67016 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | .19850 | .21671 | 5.630  | 22044  |
| Stddev | .00078 | .00061 | .008   | .00079 |
| %RSD   | .39147 | .28366 | .1387  | .35881 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .19905 | .21628 | 5.624 | .21988 |
| #2 | .19795 | .21715 | 5.635 | .22100 |

Sample Name: I2127-22A      Acquired: 3/9/2017 14:34:41      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: D-1      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2819.9  | 50493.  | 7080.5  | 94.603 | 3015.0 |
| Stddev    | 22.5    | 109.    | 28.1    | .900   | 15.5   |
| %RSD      | .79910  | .21586  | .39632  | .95105 | .51572 |
| #1        | 2803.9  | 50415.  | 7060.6  | 93.966 | 3004.0 |
| #2        | 2835.8  | 50570.  | 7100.3  | 95.239 | 3025.9 |

Sample Name: I2127-23      Acquired: 3/9/2017 14:38:43      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: D-8      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00046 | .00292 | .02336 | .00540 | .00092 | .05287 | .13427 | .00006 |
| Stddev | .00180 | .00046 | .00048 | .00014 | .00010 | .00613 | .00080 | .00003 |
| %RSD   | 386.93 | 15.827 | 2.0426 | 2.5170 | 10.910 | 11.595 | .59322 | 60.489 |

|    |         |         |        |        |        |        |        |        |
|----|---------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .00081  | -.00259 | .02302 | .00531 | .00084 | .05720 | .13484 | .00008 |
| #2 | -.00173 | -.00325 | .02369 | .00550 | .00099 | .04853 | .13371 | .00003 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00041 | 3.4596 | .00059 | .00214 | .00623 | 3.2794 | .16224 | .68731 |
| Stddev | .00004 | .0359  | .00002 | .00013 | .00023 | .0721  | .00035 | .03033 |
| %RSD   | 9.6984 | 1.0369 | 3.8125 | 5.9848 | 3.6691 | 2.1977 | .21774 | 4.4134 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00044 | 3.4342 | .00061 | .00223 | .00607 | 3.2285 | .16249 | .70876 |
| #2 | .00038 | 3.4849 | .00058 | .00205 | .00640 | 3.3304 | .16199 | .66586 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00281 | .00028 | 300.50 | .00135 | .12247 | .47793 | .00075 | .00624 |
| Stddev | .00020 | .00001 | .40    | .00021 | .00166 | .02689 | .00010 | .01386 |
| %RSD   | 7.2738 | 4.6262 | .13205 | 15.908 | 1.3516 | 5.6258 | 12.917 | 222.03 |

|    |        |         |        |        |        |        |        |         |
|----|--------|---------|--------|--------|--------|--------|--------|---------|
| #1 | .00267 | -.00027 | 300.22 | .00120 | .12130 | .45892 | .00068 | -.00356 |
| #2 | .00295 | -.00029 | 300.78 | .00150 | .12364 | .49694 | .00082 | .01604  |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .15414 | .22174 | .00339 | .00329 | .00022 | .0050  | .01735 |  |
| Stddev | .00118 | .00206 | .00053 | .00092 | .00008 | .0000  | .00009 |  |
| %RSD   | .76421 | .93030 | 15.504 | 27.962 | 34.092 | .9056  | .51419 |  |

|    |        |        |        |        |         |       |        |  |
|----|--------|--------|--------|--------|---------|-------|--------|--|
| #1 | .15498 | .22028 | .00302 | .00394 | -.00028 | .0050 | .01741 |  |
| #2 | .15331 | .22320 | .00376 | .00264 | -.00017 | .0049 | .01729 |  |

Sample Name: I2127-23      Acquired: 3/9/2017 14:38:43      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: D-8      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2869.5  | 50574.  | 7100.4  | 95.193 | 3066.0 |
| Stddev    | 17.5    | 171.    | 36.2    | .646   | 15.3   |
| %RSD      | .60944  | .33783  | .51015  | .67866 | .50042 |
| #1        | 2857.2  | 50453.  | 7074.8  | 95.650 | 3055.2 |
| #2        | 2881.9  | 50695.  | 7126.0  | 94.736 | 3076.9 |

Sample Name: I2127-24      Acquired: 3/9/2017 14:42:56      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: D-12      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00063 | .00377 | .00442 | .00421 | .00015 | .03067 | .11776 | .00005 |
| Stddev | .00009 | .00081 | .00001 | .00279 | .00121 | .00108 | .00042 | .00007 |
| %RSD   | 13.500 | 21.492 | .29409 | 66.257 | 827.59 | 3.5241 | .35464 | 136.72 |

|    |        |         |        |        |         |        |        |         |
|----|--------|---------|--------|--------|---------|--------|--------|---------|
| #1 | .00069 | -.00320 | .00443 | .00619 | .00100  | .03143 | .11805 | .00000  |
| #2 | .00057 | -.00434 | .00441 | .00224 | -.00071 | .02990 | .11746 | -.00010 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00017 | 3.5018 | .01083 | .00002 | .00603 | .05867 | .01149 | 1.7587 |
| Stddev | .00009 | .0159  | .00014 | .00039 | .00010 | .00803 | .00021 | .0448  |
| %RSD   | 51.393 | .18731 | 1.2535 | 2553.1 | 1.6067 | 13.687 | 1.8014 | 2.5462 |

|    |         |        |        |         |        |        |        |        |
|----|---------|--------|--------|---------|--------|--------|--------|--------|
| #1 | -.00023 | 8.4905 | .01092 | -.00029 | .00596 | .05299 | .01135 | 1.7903 |
| #2 | -.00011 | 8.5130 | .01073 | .00026  | .00610 | .06434 | .01164 | 1.7270 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00255 | .00010 | 277.03 | .00007 | .03335 | .41944 | .00045 | .01577 |
| Stddev | .00009 | .00019 | 1.21   | .00010 | .00042 | .01290 | .00010 | .00545 |
| %RSD   | 3.5014 | 193.66 | .43767 | 143.88 | 1.2616 | 3.0743 | 22.370 | 34.536 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .00262 | -.00004 | 277.89 | .00015 | .03364 | .42856 | .00038 | .01962 |
| #2 | .00249 | .00023  | 276.18 | .00000 | .03305 | .41032 | .00052 | .01192 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .27467 | .18476 | .00271 | .00277 | .00055 | .0543  | .03745 |
| Stddev | .00048 | .00050 | .00088 | .00050 | .00105 | .0013  | .00009 |
| %RSD   | .17392 | .27138 | 32.433 | 18.000 | 192.24 | 2.437  | .24614 |

|    |        |        |        |        |         |       |        |
|----|--------|--------|--------|--------|---------|-------|--------|
| #1 | .27434 | .18511 | .00334 | .00242 | -.00020 | .0534 | .03751 |
| #2 | .27501 | .18440 | .00209 | .00313 | .00129  | .0552 | .03738 |

Sample Name: I2127-24      Acquired: 3/9/2017 14:42:56      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: D-12      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2759.3  | 49638.  | 7301.5  | 98.945 | 2941.4 |
| Stddev    | 12.3    | 841.    | 56.2    | 2.128  | 10.6   |
| %RSD      | .44733  | 1.6939  | .76947  | 2.1504 | .35951 |
| #1        | 2750.5  | 50232.  | 7261.8  | 97.441 | 2933.9 |
| #2        | 2768.0  | 49043.  | 7341.2  | 100.45 | 2948.9 |

Sample Name: I2127-25      Acquired: 3/9/2017 14:47:10      Type: Unk  
 Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: D-14      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00087 | .00387 | .00420 | .00163 | .00025 | .03079 | .14306 | .00002 |
| Stddev | .00102 | .00022 | .00071 | .00169 | .00114 | .00574 | .00194 | .00004 |
| %RSD   | 117.36 | 5.5977 | 16.942 | 103.49 | 453.44 | 18.639 | 1.3563 | 270.67 |

|    |        |         |        |        |         |        |        |         |
|----|--------|---------|--------|--------|---------|--------|--------|---------|
| #1 | .00160 | -.00372 | .00369 | .00044 | -.00106 | .02673 | .14168 | .00002  |
| #2 | .00015 | -.00402 | .00470 | .00283 | .00055  | .03485 | .14443 | -.00005 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00011 | 13.618 | .00089 | .00005 | .00349 | .00796 | .07766 | 3.1676 |
| Stddev | .00001 | .128   | .00042 | .00021 | .00003 | .00996 | .00025 | .0590  |
| %RSD   | 8.9578 | .94317 | 47.736 | 397.60 | .99819 | 125.12 | .31641 | 1.8638 |

|    |         |        |        |         |        |        |        |        |
|----|---------|--------|--------|---------|--------|--------|--------|--------|
| #1 | -.00012 | 13.527 | .00119 | -.00020 | .00346 | .01501 | .07748 | 3.1259 |
| #2 | -.00010 | 13.709 | .00059 | .00010  | .00351 | .00092 | .07783 | 3.2094 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00027 | .00006 | 338.55 | .00033 | .03746 | .37770 | .00064 | .02163 |
| Stddev | .00086 | .00023 | 3.03   | .00011 | .00002 | .00044 | .00003 | .00090 |
| %RSD   | 316.99 | 368.37 | .89407 | 32.626 | .04419 | .11626 | 5.0102 | 4.1638 |

|    |         |         |        |        |        |        |        |        |
|----|---------|---------|--------|--------|--------|--------|--------|--------|
| #1 | -.00088 | .00010  | 336.41 | .00025 | .03747 | .37739 | .00067 | .02099 |
| #2 | .00034  | -.00022 | 340.69 | .00041 | .03745 | .37801 | .00062 | .02227 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .24479 | .31654 | .00202 | .00472 | .00166 | .1203  | .02337 |
| Stddev | .00719 | .00433 | .00060 | .00041 | .00011 | .0019  | .00028 |
| %RSD   | 2.9358 | 1.3680 | 29.708 | 8.6253 | 6.7082 | 1.589  | 1.2131 |

|    |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|-------|--------|
| #1 | .23970 | .31348 | .00245 | .00443 | .00159 | .1189 | .02317 |
| #2 | .24987 | .31961 | .00160 | .00500 | .00174 | .1216 | .02357 |



Sample Name: I2127-25      Acquired: 3/9/2017 14:47:10      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: D-14      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2817.5  | 50252.  | 7091.9  | 94.482 | 2983.1 |
| Stddev    | 29.3    | 244.    | 63.8    | .546   | 39.0   |
| %RSD      | 1.0387  | .48649  | .89953  | .57831 | 1.3082 |
| #1        | 2838.2  | 50079.  | 7137.0  | 94.095 | 3010.7 |
| #2        | 2796.8  | 50424.  | 7046.8  | 94.868 | 2955.5 |

Sample Name: I2127-26      Acquired: 3/9/2017 14:51:22      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: D-18      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00057 | .00317 | .00392 | .00216 | .00085 | .03008 | .13913 | .00006 |
| Stddev | .00068 | .00057 | .00072 | .00150 | .00116 | .00842 | .00086 | .00005 |
| %RSD   | 119.81 | 17.972 | 18.462 | 69.585 | 136.35 | 27.982 | .61824 | 84.659 |

|    |        |         |        |        |         |        |        |         |
|----|--------|---------|--------|--------|---------|--------|--------|---------|
| #1 | .00009 | -.00277 | .00444 | .00110 | -.00167 | .03604 | .13974 | -.00010 |
| #2 | .00105 | -.00358 | .00341 | .00322 | -.00003 | .02413 | .13852 | -.00003 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00011 | 15.080 | .00169 | .00004 | .00119 | .27455 | .11529 | 3.9331 |
| Stddev | .00014 | .045   | .00006 | .00016 | .00010 | .00744 | .00035 | .0357  |
| %RSD   | 121.27 | .29895 | 3.5830 | 415.11 | 8.6176 | 2.7098 | .30335 | .90814 |

|    |         |        |        |         |        |        |        |        |
|----|---------|--------|--------|---------|--------|--------|--------|--------|
| #1 | -.00002 | 15.112 | .00165 | .00015  | .00111 | .26929 | .11504 | 3.9078 |
| #2 | -.00021 | 15.048 | .00173 | -.00007 | .00126 | .27981 | .11554 | 3.9583 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00093 | .00004 | 277.52 | .00017 | .05083 | .25880 | .00035 | .01914 |
| Stddev | .00019 | .00026 | .37    | .00009 | .00052 | .00553 | .00056 | .00168 |
| %RSD   | 20.457 | 655.25 | .13423 | 50.504 | 1.0317 | 2.1381 | 160.45 | 8.7550 |

|    |        |         |        |         |        |        |         |        |
|----|--------|---------|--------|---------|--------|--------|---------|--------|
| #1 | .00107 | -.00014 | 277.78 | -.00011 | .05046 | .25489 | .00074  | .02033 |
| #2 | .00080 | .00022  | 277.25 | -.00024 | .05120 | .26271 | -.00005 | .01796 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .23670 | .39483 | .00202 | .00332 | .00001 | .1165  | .02214 |
| Stddev | .00006 | .00254 | .00035 | .00073 | .00021 | .0003  | .00001 |
| %RSD   | .02367 | .64456 | 17.219 | 21.851 | 1658.2 | .2272  | .05440 |

|    |        |        |        |        |         |       |        |
|----|--------|--------|--------|--------|---------|-------|--------|
| #1 | .23674 | .39663 | .00178 | .00383 | -.00014 | .1167 | .02213 |
| #2 | .23666 | .39303 | .00227 | .00281 | .00016  | .1163 | .02215 |

Sample Name: I2127-26      Acquired: 3/9/2017 14:51:22      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: D-18      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2744.4  | 48269.  | 3817.7  | 90.748 | 2924.2 |
| Stddev    | 31.7    | 69.     | 62.7    | .016   | 35.7   |
| %RSD      | 1.1562  | .14298  | .91935  | .01771 | 1.2211 |
| #1        | 2722.0  | 48221.  | 6773.4  | 90.759 | 2898.9 |
| #2        | 2766.8  | 48318.  | 6862.0  | 90.736 | 2949.4 |

Sample Name: I2127-28      Acquired: 3/9/2017 14:55:34      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: D-21      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00060 | .00135 | .00368 | .00436 | .00010 | .05378 | .13293 | .00002 |
| Stddev | .00298 | .00046 | .00154 | .00304 | .00048 | .00480 | .00039 | .00003 |
| %RSD   | 492.44 | 33.796 | 41.833 | 69.679 | 467.97 | 8.9172 | .29042 | 133.03 |

|    |         |         |        |        |         |        |        |         |
|----|---------|---------|--------|--------|---------|--------|--------|---------|
| #1 | -.00150 | -.00103 | .00477 | .00651 | .00023  | .05718 | .13321 | .00000  |
| #2 | .00271  | -.00167 | .00259 | .00221 | -.00044 | .05039 | .13266 | -.00004 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00004 | 9.7461 | .00586 | .00032 | .00469 | .78970 | .09268 | 2.6726 |
| Stddev | .00005 | .0288  | .00022 | .00013 | .00051 | .00128 | .00046 | .0190  |
| %RSD   | 129.96 | .29542 | 3.7712 | 40.755 | 10.911 | .16192 | .49737 | .70907 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | -.00007 | 9.7257 | .00570 | .00041 | .00433 | .78880 | .09235 | 2.6860 |
| #2 | .00000  | 9.7664 | .00601 | .00023 | .00505 | .79060 | .09300 | 2.6592 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00205 | .00015 | 303.46 | .00067 | .02593 | .33694 | .00039 | .01831 |
| Stddev | .00013 | .00010 | .20    | .00009 | .00004 | .00224 | .00005 | .01752 |
| %RSD   | 6.4991 | 66.069 | .06566 | 12.989 | .13874 | .66383 | 12.272 | 95.700 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .00195 | -.00021 | 303.32 | .00073 | .02590 | .33536 | .00036 | .00592 |
| #2 | .00214 | -.00008 | 303.61 | .00061 | .02596 | .33852 | .00042 | .03070 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .17719 | .22482 | .00121 | .00353 | .00008 | .0829  | .01820 |  |
| Stddev | .00041 | .00404 | .00133 | .00068 | .00010 | .0026  | .00004 |  |
| %RSD   | .23155 | 1.7969 | 109.74 | 19.243 | 134.77 | 3.176  | .19450 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | .17748 | .22196 | .00215 | .00305 | .00015 | .0847 | .01822 |  |
| #2 | .17690 | .22768 | .00027 | .00401 | .00000 | .0810 | .01817 |  |

Sample Name: I2127-28      Acquired: 3/9/2017 14:55:34      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: D-21      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2755.4  | 49069.  | 7027.0  | 92.782 | 2937.6 |
| Stddev    | 12.3    | 233.    | 5.6     | .270   | 8.9    |
| %RSD      | .44751  | .47566  | .07917  | .29099 | .30277 |
| #1        | 2746.7  | 48904.  | 7023.1  | 92.591 | 2931.3 |
| #2        | 2764.1  | 49234.  | 7031.0  | 92.973 | 2943.9 |

Sample Name: I2127-27      Acquired: 3/9/2017 15:03:07      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: D-21      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00154 | .00220 | .00968 | .00437 | .00154 | .03825 | .14658 | .00004 |
| Stddev | .00334 | .00123 | .00081 | .00168 | .00076 | .00543 | .00072 | .00001 |
| %RSD   | 216.83 | 55.979 | 8.4088 | 38.432 | 49.451 | 14.201 | .49330 | 12.365 |

|    |         |         |        |        |         |        |        |         |
|----|---------|---------|--------|--------|---------|--------|--------|---------|
| #1 | .00390  | -.00307 | .00910 | .00318 | -.00100 | .04210 | .14607 | -.00005 |
| #2 | -.00082 | -.00133 | .01025 | .00556 | -.00208 | .03441 | .14709 | -.00004 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00012 | 14.169 | .00255 | .00069 | .00357 | .39044 | .17427 | 4.0491 |
| Stddev | .00009 | .116   | .00030 | .00036 | .00045 | .00976 | .00036 | .0183  |
| %RSD   | 79.658 | .82161 | 11.590 | 51.973 | 12.706 | 2.4997 | .20635 | .45203 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | -.00005 | 14.087 | .00234 | .00094 | .00325 | .38354 | .17452 | 4.0621 |
| #2 | -.00018 | 14.251 | .00276 | .00043 | .00389 | .39734 | .17402 | 4.0362 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00159 | .00008 | 332.30 | .00033 | .05644 | .31512 | .00159 | .02782 |
| Stddev | .00006 | .00052 | 2.76   | .00054 | .00018 | .00190 | .00029 | .00023 |
| %RSD   | 3.5123 | 650.34 | .83176 | 163.91 | .31789 | .60414 | 18.046 | .83727 |

|    |        |         |        |         |        |        |        |        |
|----|--------|---------|--------|---------|--------|--------|--------|--------|
| #1 | .00155 | -.00029 | 334.25 | -.00005 | .05631 | .31377 | .00179 | .02798 |
| #2 | .00163 | .00045  | 330.34 | .00071  | .05657 | .31647 | .00138 | .02765 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .18143 | .48691 | .00384 | .00391 | .00198 | .1899  | .01987 |
| Stddev | .00078 | .00140 | .00021 | .00009 | .00018 | .0023  | .00020 |
| %RSD   | .42896 | .28667 | 5.3890 | 2.1823 | 9.1814 | 1.187  | .99955 |

|    |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|-------|--------|
| #1 | .18088 | .48592 | .00398 | .00397 | .00185 | .1883 | .01973 |
| #2 | .18198 | .48789 | .00369 | .00385 | .00211 | .1915 | .02001 |

Sample Name: I2127-27      Acquired: 3/9/2017 15:03:07      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: D-21      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2700.3  | 47631.  | 3834.0  | 39.452 | 2862.6 |
| Stddev    | 7.8     | 279.    | 19.5    | .093   | 5.0    |
| %RSD      | .28861  | .58625  | .28562  | .10420 | .17449 |
| #1        | 2694.8  | 47434.  | 6820.2  | 89.386 | 2859.0 |
| #2        | 2705.8  | 47828.  | 6847.8  | 89.518 | 2866.1 |

Sample Name: I2127-22MS      Acquired: 3/9/2017 15:07:15      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: D-1MS      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    | .84720 | 1.7675 | .94589 | 1.9976 | .81869 | 2.1394 | .36893 | .20430 | .19651 |
| Stddev | .00331 | .0015  | .00387 | .0046  | .00004 | .0081  | .00073 | .00019 | .00002 |
| %RSD   | .39085 | .08768 | .40964 | .23027 | .00456 | .38086 | .19870 | .09074 | .01005 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .84954 | 1.7686 | .94863 | 1.9943 | .81866 | 2.1336 | .36842 | .20443 | .19652 |
| #2 | .84486 | 1.7664 | .94315 | 2.0008 | .81872 | 2.1451 | .36945 | .20416 | .19649 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 5.2036 | .38912 | .20327 | .31982 | 5.0055 | .37224 | 2.6785 | .48759 | .07246 |
| Stddev | .0065  | .00042 | .00083 | .00020 | .0866  | .00041 | .0200  | .00219 | .00032 |
| %RSD   | .12523 | .10676 | .40590 | .06350 | 1.7303 | .11071 | .74601 | .44964 | .44378 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 5.1990 | .38882 | .20385 | .31996 | 4.9442 | .37254 | 2.6643 | .48914 | .07268 |
| #2 | 5.2082 | .38941 | .20268 | .31967 | 5.0667 | .37195 | 2.6926 | .48604 | .07223 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 279.78 | .30213 | .22166 | 11.357 | .42396 | .27775 | .10638 | .95241 | .68873 |
| Stddev | .58    | .00114 | .00409 | .017   | .00032 | .00194 | .00214 | .00719 | .00219 |
| %RSD   | .20751 | .37832 | 1.8430 | .14952 | .07579 | .70000 | 2.0105 | .75543 | .31782 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 279.37 | .30294 | .21877 | 11.369 | .42373 | .27912 | .10487 | .95750 | .69028 |
| #2 | 280.19 | .30132 | .22454 | 11.345 | .42419 | .27637 | .10789 | .94733 | .68718 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | .20988 | .22656 | 5.854  | .22952 |
| Stddev | .00070 | .00018 | .017   | .00072 |
| %RSD   | .33195 | .07799 | .2977  | .31551 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .21037 | .22669 | 5.866 | .22901 |
| #2 | .20939 | .22644 | 5.842 | .23003 |



Sample Name: I2127-22MS      Acquired: 3/9/2017 15:07:15      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: D-1MS      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2830.0  | 50664.  | 7149.9  | 95.105 | 3008.5 |
| Stddev    | 8.1     | 71.     | 3.2     | 1.439  | 11.6   |
| %RSD      | .28528  | .14094  | .04475  | 1.5135 | .38622 |
| #1        | 2824.3  | 50614.  | 7147.7  | 96.123 | 3000.3 |
| #2        | 2835.8  | 50715.  | 7152.2  | 94.087 | 3016.7 |

Sample Name: I2127-22MSD      Acquired: 3/9/2017 15:11:16      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: D-1MSD      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    | .87239 | 1.8068 | .96692 | 2.0468 | .84483 | 2.2182 | .37890 | .20947 | .19971 |
| Stddev | .00996 | .0169  | .00679 | .0062  | .00795 | .0225  | .00197 | .00016 | .00186 |
| %RSD   | 1.1421 | .93591 | .70269 | .30469 | .94161 | 1.0137 | .51862 | .07719 | .93195 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .87943 | 1.8188 | .97172 | 2.0512 | .85045 | 2.2023 | .38028 | .20958 | .20103 |
| #2 | .86534 | 1.7949 | .96212 | 2.0424 | .83920 | 2.2341 | .37751 | .20935 | .19839 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 5.3289 | .40184 | .20702 | .32730 | 5.1097 | .38245 | 2.7961 | .49830 | .07401 |
| Stddev | .0231  | .00333 | .00150 | .00257 | .0357  | .00048 | .0042  | .00412 | .00023 |
| %RSD   | .43301 | .82907 | .72672 | .78399 | .69795 | .12442 | .15129 | .82720 | .30863 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 5.3126 | .40419 | .20808 | .32912 | 5.1349 | .38279 | 2.7991 | .50122 | .07385 |
| #2 | 5.3452 | .39948 | .20596 | .32549 | 5.0845 | .38212 | 2.7931 | .49539 | .07417 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 285.53 | .31144 | .22409 | 11.605 | .43529 | .30097 | .11265 | .96831 | .70023 |
| Stddev | 2.66   | .00043 | .00281 | .058   | .00100 | .00893 | .00193 | .01427 | .00325 |
| %RSD   | .93078 | .13726 | 1.2531 | .49824 | .23046 | 2.9658 | 1.7104 | 1.4737 | .46384 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 287.41 | .31174 | .22607 | 11.646 | .43600 | .30728 | .11401 | .97840 | .70252 |
| #2 | 283.65 | .31114 | .22210 | 11.564 | .43458 | .29466 | .11129 | .95822 | .69793 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | .21402 | .23290 | 5.968  | 23578  |
| Stddev | .00059 | .00092 | .061   | .00060 |
| %RSD   | .27338 | .39595 | 1.019  | .25465 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .21443 | .23355 | 6.011 | .23621 |
| #2 | .21360 | .23225 | 5.924 | .23536 |

Sample Name: I2127-22MSD      Acquired: 3/9/2017 15:11:16      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: D-1MSD      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2752.9  | 49338.  | 7035.6  | 93.803 | 2946.4 |
| Stddev    | 20.4    | 24.     | 64.8    | 1.137  | 25.7   |
| %RSD      | .74065  | .04897  | .92032  | 1.2120 | .87390 |
| #1        | 2738.5  | 49355.  | 6989.8  | 92.999 | 2928.2 |
| #2        | 2767.3  | 49320.  | 7081.4  | 94.607 | 2964.6 |

Sample Name: CCV04      Acquired: 3/9/2017 15:15:18      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CRI      Custom ID2:      Custom ID3:  
Comment:

|        |        |          |        |        |        |        |        |        |
|--------|--------|----------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908   | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm      | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 5.1671 | 4.7573   | 4.8370 | 5.1456 | 5.1933 | 10.004 | 10.383 | .25132 |
| Stddev | .0071  | .0157    | .0024  | .0096  | .0061  | .024   | .012   | .00018 |
| %RSD   | .13666 | .32958   | .04931 | .18651 | .11690 | .23626 | .11927 | .07082 |
| #1     | 5.1721 | 4.7462   | 4.8353 | 5.1524 | 5.1976 | 10.020 | 10.374 | .25145 |
| #2     | 5.1621 | 4.7684   | 4.8387 | 5.1388 | 5.1890 | 9.9870 | 10.391 | .25120 |
| Elem   | Cd2265 | Ca3736   | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm      | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.3868 | 23.661   | .93006 | 2.4311 | 1.2600 | 4.7650 | 2.5453 | 23.433 |
| Stddev | .0050  | .022     | .00291 | .0045  | .0005  | .0151  | .0032  | .183   |
| %RSD   | .20744 | .09404   | .31282 | .18412 | .03811 | .31737 | .12517 | .78172 |
| #1     | 2.3833 | 23.645   | .93212 | 2.4280 | 1.2596 | 4.7543 | 2.5476 | 23.304 |
| #2     | 2.3903 | 23.676   | .92801 | 2.4343 | 1.2603 | 4.7757 | 2.5431 | 23.563 |
| Elem   | Ni2316 | Ag3280   | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm      | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.3617 | 1.2103   | 24.147 | 2.3835 | 2.3592 | 25.405 | 4.9467 | 4.5137 |
| Stddev | .0063  | .0027    | .049   | .0050  | .0147  | .117   | .0024  | .0234  |
| %RSD   | .26797 | .22251   | .20240 | .20834 | .62299 | .46231 | .04836 | .51773 |
| #1     | 2.3572 | 1.2084   | 24.112 | 2.3870 | 2.3488 | 25.322 | 4.9484 | 4.4971 |
| #2     | 2.3662 | 1.2122   | 24.181 | 2.3800 | 2.3696 | 25.488 | 4.9450 | 4.5302 |
| Elem   | S_1820 | Si2881   | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |        |
| Units  | ppm    | ppm      | ppm    | ppm    | ppm    | ppm    | ppm    |        |
| Avg    | 4.7320 | F 4.4039 | 4.7979 | 4.9130 | 5.2416 | 4.836  | 4.9220 |        |
| Stddev | .0049  | .0189    | .0070  | .0168  | .0206  | .013   | .0280  |        |
| %RSD   | .10436 | .42839   | .14562 | .34103 | .39320 | .2767  | .56849 |        |
| #1     | 4.7285 | 4.3905   | 4.7930 | 4.9011 | 5.2270 | 4.827  | 4.9022 |        |
| #2     | 4.7355 | 4.4172   | 4.8028 | 4.9248 | 5.2562 | 4.845  | 4.9418 |        |

Sample Name: CCV04      Acquired: 3/9/2017 15:15:18      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CRI      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2927.3  | 53101.  | 7454.5  | 95.613 | 3122.8 |
| Stddev    | 8.5     | 4.      | 21.9    | .359   | 1.6    |
| %RSD      | .29160  | .00792  | .29313  | .37561 | .05269 |
| #1        | 2921.3  | 53098.  | 7469.9  | 95.867 | 3121.7 |
| #2        | 2933.4  | 53104.  | 7439.0  | 95.359 | 3124.0 |

Sample Name: LLCCV02      Acquired: 3/9/2017 15:19:19      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: ICSA5399      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    | .02174 | .04333 | .00975 | .02240 | .05266 | .10772 | .10456 | .00609 | .00527 |
| Stddev | .00001 | .00026 | .00156 | .00270 | .00022 | .00287 | .00007 | .00004 | .00000 |
| %RSD   | .03769 | .60106 | 16.033 | 12.063 | .40856 | 2.6666 | .06333 | .64749 | .05616 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .02174 | .04352 | .01086 | .02431 | .05251 | .10975 | .10461 | .00612 | .00527 |
| #2 | .02173 | .04315 | .00865 | .02049 | .05281 | .10569 | .10452 | .00606 | .00527 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.9473 | .00983 | .02845 | .02090 | .11009 | .02113 | 1.8787 | .03769 | .00990 |
| Stddev | .0078  | .00016 | .00013 | .00014 | .00533 | .00005 | .0297  | .00017 | .00046 |
| %RSD   | .40039 | 1.6344 | .45790 | .67111 | 4.8416 | .22496 | 1.5785 | .45324 | 4.5963 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.9528 | .00994 | .02854 | .02080 | .10632 | .02109 | 1.8996 | .03757 | .00958 |
| #2 | 1.9418 | .00971 | .02835 | .02100 | .11386 | .02116 | 1.8577 | .03781 | .01022 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.9321 | .03784 | .04096 | 2.0640 | .20832 | .08773 | .01738 | .38047 | .04104 |
| Stddev | .0019  | .00003 | .00051 | .0026  | .00015 | .01138 | .00399 | .00004 | .00016 |
| %RSD   | .09825 | .07563 | 1.2338 | .12626 | .07317 | 12.975 | 22.970 | .00989 | .40024 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.9307 | .03782 | .04132 | 2.0658 | .20843 | .07968 | .02020 | .38049 | .04115 |
| #2 | 1.9334 | .03786 | .04060 | 2.0621 | .20822 | .09578 | .01455 | .38044 | .04092 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | .04431 | .02040 | .0181  | .02413 |
| Stddev | .00154 | .00043 | .0005  | .00000 |
| %RSD   | 3.4753 | 2.1277 | 2.553  | .01759 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .04540 | .02009 | .0178 | .02413 |
| #2 | .04322 | .02070 | .0184 | .02413 |

Sample Name: LLCCV02      Acquired: 3/9/2017 15:19:19      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: ICSA5399      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 3065.8  | 55524.  | 7421.4  | 96.491 | 3500.5 |
| Stddev    | .0      | 318.    | 5.7     | .964   | 3.3    |
| %RSD      | .00105  | .57257  | .07679  | .99930 | .09323 |
| #1        | 3065.8  | 55299.  | 7417.4  | 95.809 | 3498.2 |
| #2        | 3065.8  | 55749.  | 7425.4  | 97.173 | 3502.9 |

Sample Name: CCB04      Acquired: 3/9/2017 15:23:26      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: ICSAB5399      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |         |        |        |        |         |        |
|--------|--------|--------|---------|--------|--------|--------|---------|--------|
| Elem   | As1890 | Tl1908 | Pb2203  | Se1960 | Sb2068 | Al3961 | Ba4934  | Be2348 |
| Units  | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    | ppm     | ppm    |
| Avg    | .00228 | .00127 | -.00161 | .00133 | .00080 | .00447 | -.00176 | .00006 |
| Stddev | .00094 | .00013 | .00059  | .00151 | .00016 | .00352 | .00001  | .00003 |
| %RSD   | 41.359 | 10.553 | 36.940  | 114.01 | 20.572 | 78.649 | .78729  | 48.206 |

|    |        |        |         |        |        |        |         |        |
|----|--------|--------|---------|--------|--------|--------|---------|--------|
| #1 | .00294 | .00137 | -.00119 | .00240 | .00092 | .00696 | -.00175 | .00008 |
| #2 | .00161 | .00118 | -.00203 | .00026 | .00069 | .00199 | -.00177 | .00004 |

|        |        |        |         |        |         |         |        |        |
|--------|--------|--------|---------|--------|---------|---------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677  | Co2286 | Cu2247  | Fe2404  | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm     | ppm    | ppm     | ppm     | ppm    | ppm    |
| Avg    | .00008 | .00465 | -.00022 | .00009 | -.00015 | -.01002 | .00006 | .00714 |
| Stddev | .00004 | .00079 | .00030  | .00018 | .00017  | .00608  | .00007 | .01541 |
| %RSD   | 54.816 | 16.993 | 137.70  | 187.12 | 110.81  | 60.669  | 112.72 | 215.65 |

|    |         |        |         |         |         |         |        |         |
|----|---------|--------|---------|---------|---------|---------|--------|---------|
| #1 | -.00011 | .00521 | -.00001 | -.00003 | -.00027 | -.00572 | .00001 | .01804  |
| #2 | -.00005 | .00409 | -.00043 | .00022  | -.00003 | -.01432 | .00010 | -.00375 |

|        |        |        |         |         |         |        |        |         |
|--------|--------|--------|---------|---------|---------|--------|--------|---------|
| Elem   | Ni2316 | Ag3280 | Na5895  | V_2924  | Zn2138  | K_7664 | Mo2020 | B_2496  |
| Units  | ppm    | ppm    | ppm     | ppm     | ppm     | ppm    | ppm    | ppm     |
| Avg    | .00002 | .00037 | -.00912 | -.00033 | -.00108 | .00455 | .00059 | -.00063 |
| Stddev | .00012 | .00021 | .00011  | .00016  | .00006  | .01229 | .00030 | .00846  |
| %RSD   | 511.21 | 57.468 | 1.2047  | 49.586  | 5.9485  | 270.21 | 51.363 | 1341.4  |

|    |         |        |         |         |         |         |        |         |
|----|---------|--------|---------|---------|---------|---------|--------|---------|
| #1 | .00011  | .00022 | -.00904 | -.00044 | -.00104 | -.00414 | .00080 | -.00662 |
| #2 | -.00006 | .00052 | -.00920 | -.00021 | -.00113 | .01324  | .00037 | .00535  |

|        |         |         |        |        |         |        |        |  |
|--------|---------|---------|--------|--------|---------|--------|--------|--|
| Elem   | S_1820  | Si2881  | Sn1899 | Ti3361 | Li6707  | P_1774 | Sr4077 |  |
| Units  | ppm     | ppm     | ppm    | ppm    | ppm     | ppm    | ppm    |  |
| Avg    | -.00123 | -.00754 | .00050 | .00281 | -.00024 | -.0001 | .00004 |  |
| Stddev | .00188  | .00140  | .00055 | .00073 | .00047  | .0005  | .00001 |  |
| %RSD   | 153.34  | 18.515  | 110.52 | 25.818 | 194.98  | 390.1  | 33.993 |  |

|    |         |         |        |        |         |        |        |  |
|----|---------|---------|--------|--------|---------|--------|--------|--|
| #1 | .00010  | -.00853 | .00011 | .00332 | -.00058 | -.0005 | .00005 |  |
| #2 | -.00255 | -.00655 | .00089 | .00230 | .00009  | .0002  | .00003 |  |



Sample Name: CCB04      Acquired: 3/9/2017 15:23:26      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: ICSAB5399      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 3108.5  | 53944.  | 7473.0  | 98.259 | 3542.4 |
| Stddev    | 18.5    | 3736.   | 6.5     | .444   | 15.1   |
| %RSD      | .59669  | 6.9252  | .08671  | .45141 | .42760 |
| #1        | 3095.3  | 51303.  | 7477.6  | 98.573 | 3531.7 |
| #2        | 3121.6  | 56586.  | 7468.4  | 97.945 | 3553.2 |

Sample Name: I2127-29      Acquired: 3/9/2017 15:27:37      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: D-25      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00441 | .00283 | .00285 | .00474 | .00230 | .02594 | .10153 | .00010 |
| Stddev | .00165 | .00066 | .00121 | .00021 | .00220 | .00510 | .00089 | .00009 |
| %RSD   | 37.335 | 23.284 | 42.497 | 4.5213 | 95.743 | 19.664 | .87601 | 90.994 |

|    |         |         |        |        |         |        |        |         |
|----|---------|---------|--------|--------|---------|--------|--------|---------|
| #1 | -.00558 | -.00236 | .00371 | .00459 | -.00074 | .02234 | .10090 | -.00003 |
| #2 | -.00325 | -.00330 | .00200 | .00490 | -.00386 | .02955 | .10216 | -.00016 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00009 | 12.535 | .00053 | .00018 | .00148 | .04443 | .08189 | 3.4978 |
| Stddev | .00000 | .121   | .00002 | .00010 | .00043 | .00166 | .00201 | .0139  |
| %RSD   | 1.2873 | .96831 | 3.6326 | 56.814 | 29.265 | 3.7325 | 2.4549 | .39641 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | -.00009 | 12.449 | .00051 | .00025 | .00117 | .04326 | .08047 | 3.4880 |
| #2 | -.00009 | 12.621 | .00054 | .00011 | .00178 | .04560 | .08331 | 3.5076 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00024 | .00049 | 285.17 | .00033 | .01976 | .18530 | .00095 | .01077 |
| Stddev | .00058 | .00019 | 1.96   | .00017 | .00022 | .00388 | .00015 | .00104 |
| %RSD   | 239.45 | 39.801 | .68703 | 50.780 | 1.1289 | 2.0938 | 15.832 | 9.6319 |

|    |         |         |        |         |        |        |        |        |
|----|---------|---------|--------|---------|--------|--------|--------|--------|
| #1 | .00066  | -.00063 | 283.79 | -.00021 | .01961 | .18255 | .00105 | .01151 |
| #2 | -.00017 | -.00035 | 286.56 | -.00045 | .01992 | .18804 | .00084 | .01004 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .15547 | .22236 | .00318 | .00334 | .00008 | .2611  | .01424 |
| Stddev | .00319 | .00233 | .00058 | .00004 | .00094 | .0019  | .00013 |
| %RSD   | 2.0537 | 1.0490 | 18.380 | 1.2228 | 1210.8 | .7131  | .94473 |

|    |        |        |        |        |         |       |        |
|----|--------|--------|--------|--------|---------|-------|--------|
| #1 | .15773 | .22401 | .00277 | .00331 | -.00058 | .2598 | .01415 |
| #2 | .15321 | .22071 | .00359 | .00337 | .00074  | .2624 | .01434 |

Sample Name: I2127-29      Acquired: 3/9/2017 15:27:37      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: D-25      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2746.5  | 49191.  | 7325.0  | 37.957 | 2916.6 |
| Stddev    | 16.0    | 902.    | 15.6    | .640   | 7.0    |
| %RSD      | .58433  | 1.8342  | .21264  | .65295 | .24159 |
| #1        | 2735.1  | 49829.  | 7336.0  | 98.409 | 2911.6 |
| #2        | 2757.8  | 48553.  | 7313.9  | 97.505 | 2921.6 |

Sample Name: I2127-30      Acquired: 3/9/2017 15:31:51      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: D-26      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00186 | .00371 | .00370 | .00683 | .00084 | .01889 | .13511 | .00001 |
| Stddev | .00234 | .00010 | .00061 | .00000 | .00057 | .00024 | .00011 | .00000 |
| %RSD   | 125.61 | 2.7810 | 16.604 | .03248 | 68.341 | 1.2925 | .08321 | 4.7375 |

|    |         |         |        |        |        |        |        |        |
|----|---------|---------|--------|--------|--------|--------|--------|--------|
| #1 | -.00351 | -.00364 | .00326 | .00684 | .00124 | .01906 | .13503 | .00001 |
| #2 | -.00021 | -.00378 | .00413 | .00683 | .00043 | .01872 | .13519 | .00001 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00000 | 5.4347 | .00210 | .00079 | .00065 | 4.3137 | .36157 | 1.6883 |
| Stddev | .00005 | .0304  | .00011 | .00016 | .00014 | .0634  | .02967 | .0315  |
| %RSD   | 2669.7 | .56009 | 5.2970 | 20.566 | 21.597 | 1.4698 | 8.2064 | 1.8677 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | -.00003 | 5.4132 | .00218 | .00068 | .00075 | 4.2689 | .34058 | 1.7106 |
| #2 | .00004  | 5.4562 | .00202 | .00091 | .00055 | 4.3586 | .38255 | 1.6660 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00201 | .00029 | 265.97 | .00098 | .05205 | .19114 | .00045 | .00512 |
| Stddev | .00036 | .00004 | .57    | .00032 | .00066 | .01489 | .00025 | .01315 |
| %RSD   | 17.826 | 13.598 | .21268 | 32.441 | 1.2725 | 7.7878 | 55.192 | 256.75 |

|    |        |         |        |        |        |        |        |         |
|----|--------|---------|--------|--------|--------|--------|--------|---------|
| #1 | .00227 | -.00032 | 266.37 | .00121 | .05158 | .20167 | .00027 | -.00418 |
| #2 | .00176 | -.00026 | 265.57 | .00076 | .05252 | .18062 | .00062 | .01442  |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .14471 | .35279 | .00298 | .00395 | .00051 | .0736  | .01471 |
| Stddev | .00330 | .00145 | .00127 | .00042 | .00056 | .0003  | .00007 |
| %RSD   | 2.2776 | .41111 | 42.653 | 10.519 | 110.54 | .4448  | .47153 |

|    |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|-------|--------|
| #1 | .14704 | .35177 | .00208 | .00365 | .00090 | .0739 | .01466 |
| #2 | .14238 | .35382 | .00388 | .00424 | .00011 | .0734 | .01476 |

Sample Name: I2127-30      Acquired: 3/9/2017 15:31:51      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: D-26      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2744.3  | 48490.  | 7211.9  | 95.998 | 2938.7 |
| Stddev    | 8.1     | 3424.   | 43.6    | .845   | 3.4    |
| %RSD      | .29357  | 7.0611  | .60437  | .88056 | .11405 |
| #1        | 2738.6  | 50911.  | 7181.1  | 96.595 | 2936.3 |
| #2        | 2750.0  | 46069.  | 7242.7  | 95.400 | 2941.1 |

Sample Name: I2129-09      Acquired: 3/9/2017 15:36:04      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: D-27      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00231 | .00331 | .01073 | .00830 | .00127 | .04749 | .19054 | .00007 |
| Stddev | .00091 | .00047 | .00169 | .00026 | .00027 | .00057 | .00057 | .00010 |
| %RSD   | 39.406 | 14.238 | 15.756 | 3.0750 | 21.587 | 1.2026 | .29956 | 137.63 |

|    |         |         |         |        |        |        |        |         |
|----|---------|---------|---------|--------|--------|--------|--------|---------|
| #1 | -.00296 | -.00298 | -.01193 | .00811 | .00146 | .04709 | .19014 | -.00014 |
| #2 | -.00167 | -.00364 | -.00954 | .00848 | .00108 | .04790 | .19095 | .00000  |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00045 | 9.2757 | .00366 | .00191 | .00174 | 19.600 | 1.4998 | 1.1201 |
| Stddev | .00008 | .0690  | .00033 | .00005 | .00002 | .688   | .0053  | .0362  |
| %RSD   | 18.756 | .74385 | 9.0818 | 2.5528 | 1.0309 | 3.5110 | .35108 | 3.2348 |

|    |        |        |        |        |         |        |        |        |
|----|--------|--------|--------|--------|---------|--------|--------|--------|
| #1 | .00051 | 9.2269 | .00342 | .00187 | -.00175 | 20.087 | 1.4961 | 1.0945 |
| #2 | .00039 | 9.3245 | .00389 | .00194 | -.00173 | 19.114 | 1.5035 | 1.1457 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00454 | .00020 | 313.79 | .00079 | .05200 | .32532 | .00002 | .02223 |
| Stddev | .00016 | .00019 | 4.20   | .00023 | .00174 | .00791 | .00019 | .00721 |
| %RSD   | 3.5718 | 93.455 | 1.3375 | 29.411 | 3.3547 | 2.4306 | 1029.0 | 32.450 |

|    |        |         |        |        |        |        |         |        |
|----|--------|---------|--------|--------|--------|--------|---------|--------|
| #1 | .00465 | -.00007 | 310.83 | .00063 | .05323 | .33091 | .00015  | .02733 |
| #2 | .00443 | -.00034 | 316.76 | .00095 | .05077 | .31973 | -.00012 | .01713 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .20832 | .60020 | .00210 | .00296 | .00123 | 1.396  | .02415 |
| Stddev | .00480 | .00684 | .00046 | .00009 | .00031 | .007   | .00007 |
| %RSD   | 2.3032 | 1.1388 | 22.109 | 3.1249 | 25.043 | .4775  | .30086 |

|    |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|-------|--------|
| #1 | .21171 | .59537 | .00243 | .00290 | .00144 | 1.400 | .02409 |
| #2 | .20493 | .60504 | .00177 | .00303 | .00101 | 1.391 | .02420 |

Sample Name: I2129-09      Acquired: 3/9/2017 15:36:04      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: D-27      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2895.6  | 50971.  | 7260.8  | 96.491 | 3101.0 |
| Stddev    | 32.2    | 259.    | 12.4    | 3.973  | 25.4   |
| %RSD      | 1.1135  | .50874  | .17136  | 4.1171 | .82072 |
| #1        | 2872.8  | 50788.  | 7269.6  | 93.682 | 3083.0 |
| #2        | 2918.4  | 51155.  | 7252.0  | 99.300 | 3119.0 |

Sample Name: I2129-10      Acquired: 3/9/2017 15:40:18      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: D-30      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00046 | .00232 | .00640 | .00818 | .00104 | .03043 | .12965 | .00006 |
| Stddev | .00127 | .00112 | .00004 | .00038 | .00085 | .01247 | .00010 | .00002 |
| %RSD   | 277.30 | 48.539 | .58467 | 4.6094 | 81.670 | 40.979 | .07971 | 26.906 |

|    |         |         |         |        |         |        |        |         |
|----|---------|---------|---------|--------|---------|--------|--------|---------|
| #1 | -.00135 | -.00152 | -.00643 | .00845 | -.00164 | .03925 | .12958 | -.00005 |
| #2 | .00044  | -.00311 | -.00638 | .00791 | -.00044 | .02161 | .12973 | -.00008 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00025 | 3.1118 | .00440 | .00211 | .00134 | 14.832 | .82255 | .97355 |
| Stddev | .00003 | .0694  | .00040 | .00007 | .00047 | .154   | .00954 | .05949 |
| %RSD   | 11.970 | 1.1353 | 8.9854 | 3.3066 | 35.233 | 1.0375 | 1.1604 | 6.1105 |

|    |        |        |        |        |         |        |        |        |
|----|--------|--------|--------|--------|---------|--------|--------|--------|
| #1 | .00027 | 6.0627 | .00412 | .00206 | -.00100 | 14.941 | .82930 | 1.0156 |
| #2 | .00023 | 6.1609 | .00468 | .00216 | -.00167 | 14.723 | .81580 | .93149 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00422 | .00051 | 295.28 | .00098 | .05016 | .25175 | .00068 | .00302 |
| Stddev | .00031 | .00015 | 2.02   | .00032 | .00031 | .00019 | .00010 | .00198 |
| %RSD   | 7.3134 | 29.484 | .68481 | 32.938 | .61463 | .07595 | 14.595 | 65.613 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .00400 | -.00062 | 293.85 | .00075 | .05037 | .25189 | .00075 | .00442 |
| #2 | .00444 | -.00040 | 296.71 | .00120 | .04994 | .25162 | .00061 | .00162 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .13252 | .45343 | .00225 | .00327 | .00008 | .3513  | .01990 |
| Stddev | .00209 | .00410 | .00048 | .00051 | .00043 | .0001  | .00005 |
| %RSD   | 1.5757 | .90461 | 21.273 | 15.638 | 531.39 | .0298  | .27522 |

|    |        |        |        |        |         |       |        |
|----|--------|--------|--------|--------|---------|-------|--------|
| #1 | .13399 | .45053 | .00259 | .00291 | -.00022 | .3514 | .01986 |
| #2 | .13104 | .45633 | .00191 | .00363 | .00038  | .3512 | .01994 |



Sample Name: I2129-10      Acquired: 3/9/2017 15:40:18      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: D-30      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2740.0  | 50275.  | 7132.9  | 95.434 | 2928.2 |
| Stddev    | 24.4    | 641.    | 4.0     | .942   | 21.0   |
| %RSD      | .89160  | 1.2748  | .05587  | .98679 | .71693 |
| #1        | 2722.8  | 49822.  | 7135.8  | 94.768 | 2913.4 |
| #2        | 2757.3  | 50728.  | 7130.1  | 96.100 | 2943.1 |

Sample Name: I2129-11      Acquired: 3/9/2017 15:44:30      Type: Unk  
 Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: D-33      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00901 | .00409 | .00327 | .00891 | .00008 | .02635 | .13172 | .00002 |
| Stddev | .00045 | .00156 | .00150 | .00151 | .00059 | .00665 | .00291 | .00001 |
| %RSD   | 5.0315 | 38.188 | 45.817 | 16.935 | 748.24 | 25.233 | 2.2100 | 63.238 |

|    |        |         |         |        |         |        |        |        |
|----|--------|---------|---------|--------|---------|--------|--------|--------|
| #1 | .00933 | -.00299 | -.00433 | .00997 | -.00034 | .03105 | .12966 | .00001 |
| #2 | .00869 | -.00520 | -.00221 | .00784 | .00049  | .02165 | .13378 | .00003 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00014 | 3.4234 | .00023 | .00178 | .00099 | 3.4377 | .65035 | 1.2060 |
| Stddev | .00004 | .1406  | .00011 | .00018 | .00085 | .2549  | .00289 | .0469  |
| %RSD   | 29.639 | 2.1894 | 47.472 | 9.9811 | 85.984 | 3.0209 | .44480 | 3.8909 |

|    |        |        |        |        |         |        |        |        |
|----|--------|--------|--------|--------|---------|--------|--------|--------|
| #1 | .00011 | 6.3239 | .00015 | .00190 | -.00159 | 8.2574 | .65240 | 1.1728 |
| #2 | .00017 | 6.5228 | .00031 | .00165 | -.00039 | 8.6179 | .64831 | 1.2392 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00264 | .00023 | 253.61 | .00082 | .05490 | .22275 | .00026 | .00439 |
| Stddev | .00009 | .00006 | 3.92   | .00031 | .00165 | .01970 | .00012 | .00055 |
| %RSD   | 3.2845 | 24.693 | 1.5459 | 38.240 | 3.0089 | 8.8437 | 43.890 | 12.547 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00270 | .00019 | 250.84 | .00060 | .05373 | .23668 | .00034 | .00478 |
| #2 | .00258 | .00027 | 256.38 | .00104 | .05606 | .20882 | .00018 | .00400 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .12919 | .38609 | .00203 | .00302 | .00113 | .3571  | .01757 |
| Stddev | .00188 | .00262 | .00007 | .00052 | .00059 | .0050  | .00050 |
| %RSD   | 1.4549 | .67978 | 3.5110 | 17.153 | 52.498 | 1.411  | 2.8301 |

|    |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|-------|--------|
| #1 | .13052 | .38423 | .00198 | .00265 | .00155 | .3535 | .01721 |
| #2 | .12786 | .38794 | .00208 | .00338 | .00071 | .3606 | .01792 |

Sample Name: I2129-11      Acquired: 3/9/2017 15:44:30      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: D-33      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2860.7  | 52176.  | 7311.1  | 97.500 | 3088.6 |
| Stddev    | 38.3    | 398.    | 113.6   | 2.237  | 34.7   |
| %RSD      | 1.3388  | .76312  | 1.5536  | 2.2944 | 1.1221 |
| #1        | 2887.8  | 51895.  | 7391.4  | 99.082 | 3113.1 |
| #2        | 2833.6  | 52458.  | 7230.8  | 95.918 | 3064.1 |

Sample Name: I2129-12      Acquired: 3/9/2017 15:48:42      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: D-35      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00215 | .00350 | .01068 | .00786 | .00106 | .04600 | .12908 | .00006 |
| Stddev | .00276 | .00090 | .00002 | .00114 | .00147 | .00499 | .00022 | .00001 |
| %RSD   | 128.32 | 25.602 | .20085 | 14.473 | 138.85 | 10.836 | .16865 | 11.821 |

|    |        |         |         |        |        |        |        |         |
|----|--------|---------|---------|--------|--------|--------|--------|---------|
| #1 | .00020 | -.00413 | -.01066 | .00866 | .00002 | .04248 | .12923 | -.00007 |
| #2 | .00411 | -.00286 | -.01069 | .00705 | .00210 | .04953 | .12893 | -.00006 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00044 | 3.1602 | .00145 | .00229 | .00190 | 18.507 | 1.2023 | 1.0377 |
| Stddev | .00013 | .0298  | .00033 | .00004 | .00014 | .477   | .0008  | .0427  |
| %RSD   | 29.374 | .48431 | 22.507 | 1.6892 | 7.2863 | 2.5778 | .06222 | 4.1124 |

|    |        |        |        |        |         |        |        |        |
|----|--------|--------|--------|--------|---------|--------|--------|--------|
| #1 | .00053 | 6.1391 | .00168 | .00232 | -.00200 | 18.170 | 1.2018 | 1.0679 |
| #2 | .00035 | 6.1813 | .00122 | .00226 | -.00180 | 18.844 | 1.2028 | 1.0076 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00580 | .00038 | 253.07 | .00086 | .05122 | .21362 | .00012 | .01113 |
| Stddev | .00092 | .00028 | 3.42   | .00018 | .00157 | .01722 | .00043 | .00833 |
| %RSD   | 15.794 | 72.643 | 1.3531 | 20.542 | 3.0723 | 8.0611 | 366.58 | 74.862 |

|    |        |         |        |        |        |        |         |        |
|----|--------|---------|--------|--------|--------|--------|---------|--------|
| #1 | .00515 | -.00058 | 250.65 | .00074 | .05011 | .20145 | .00019  | .00524 |
| #2 | .00644 | -.00018 | 255.50 | .00099 | .05233 | .22580 | -.00042 | .01702 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .12094 | .47996 | .00217 | .00359 | .00053 | 1.783  | .01827 |  |
| Stddev | .00184 | .00327 | .00120 | .00045 | .00094 | .011   | .00002 |  |
| %RSD   | 1.5201 | .68136 | 54.980 | 12.459 | 178.39 | .6154  | .09493 |  |

|    |        |        |        |        |         |       |        |  |
|----|--------|--------|--------|--------|---------|-------|--------|--|
| #1 | .12224 | .48227 | .00133 | .00391 | -.00014 | 1.776 | .01826 |  |
| #2 | .11964 | .47765 | .00302 | .00327 | .00120  | 1.791 | .01828 |  |

Sample Name: I2129-12      Acquired: 3/9/2017 15:48:42      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: D-35      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2845.0  | 50785.  | 7242.5  | 97.773 | 3078.8 |
| Stddev    | 4.2     | 144.    | 11.9    | 2.610  | 1.6    |
| %RSD      | .14822  | .28427  | .16451  | 2.6693 | .05094 |
| #1        | 2842.1  | 50683.  | 7250.9  | 99.618 | 3077.7 |
| #2        | 2848.0  | 50887.  | 7234.1  | 95.927 | 3080.0 |

Sample Name: I2146-01      Acquired: 3/9/2017 15:52:54      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: 170301HLCS-0      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00451 | .00456 | .27989 | .01956 | .00079 | .00623 | .02517 | .00001 |
| Stddev | .00102 | .00072 | .00480 | .00032 | .00276 | .00579 | .00002 | .00001 |
| %RSD   | 22.640 | 15.821 | 1.7133 | 1.6532 | 351.42 | 92.918 | .08498 | 144.25 |

|    |         |         |        |         |         |         |        |         |
|----|---------|---------|--------|---------|---------|---------|--------|---------|
| #1 | -.00379 | -.00405 | .27650 | -.01979 | .00117  | -.01032 | .02515 | .00000  |
| #2 | -.00523 | -.00507 | .28329 | -.01933 | -.00274 | -.00214 | .02519 | -.00001 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01031 | 257.67 | .01227 | .11833 | .01149 | .03628 | .22794 | 47.661 |
| Stddev | .00022 | 2.54   | .00013 | .00269 | .00016 | .01108 | .00014 | .734   |
| %RSD   | 2.1142 | .98498 | 1.0745 | 2.2700 | 1.3791 | 30.524 | .06255 | 1.5404 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .01016 | 255.87 | .01237 | .11643 | .01137 | .04412 | .22804 | 47.142 |
| #2 | .01047 | 259.46 | .01218 | .12023 | .01160 | .02845 | .22783 | 48.180 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00844 | .00023 | 290.01 | .00065 | 12.057 | 3.4903 | .00074 | .04479 |
| Stddev | .00057 | .00018 | 3.57   | .00006 | .694   | .0295  | .00075 | .00426 |
| %RSD   | 6.8119 | 78.212 | 1.2298 | 9.1363 | 5.7546 | .84573 | 101.42 | 9.5182 |

|    |        |         |        |        |        |        |         |        |
|----|--------|---------|--------|--------|--------|--------|---------|--------|
| #1 | .00803 | -.00035 | 287.49 | .00061 | 11.567 | 3.4694 | -.00128 | .04178 |
| #2 | .00885 | -.00010 | 292.53 | .00070 | 12.548 | 3.5111 | -.00021 | .04781 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | 123.38 | 45664  | .00280 | .00312 | .01323 | .0162  | 1.4048 |  |
| Stddev | 2.39   | .00475 | .00134 | .00176 | .00029 | .0006  | .0049  |  |
| %RSD   | 1.9409 | 1.0404 | 47.927 | 56.325 | 2.2158 | 3.900  | .34508 |  |

|    |        |        |        |         |        |       |        |  |
|----|--------|--------|--------|---------|--------|-------|--------|--|
| #1 | 121.69 | .45328 | .00375 | -.00436 | .01303 | .0158 | 1.4013 |  |
| #2 | 125.08 | .46000 | .00185 | -.00188 | .01344 | .0167 | 1.4082 |  |

Sample Name: I2146-01      Acquired: 3/9/2017 15:52:54      Type: Unk  
 Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: 170301HLCS-0      Custom ID2:      Custom ID3:  
 Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2545.5  | 47686.  | 7164.1  | 93.018 | 2700.4 |
| Stddev    | 23.0    | 470.    | 50.7    | 4.665  | 33.7   |
| %RSD      | .90211  | .98637  | .70789  | 5.0157 | 1.2470 |
| #1        | 2561.7  | 47354.  | 7200.0  | 96.317 | 2724.2 |
| #2        | 2529.3  | 48019.  | 7128.2  | 89.719 | 2676.6 |

Sample Name: I2146-02      Acquired: 3/9/2017 15:57:03      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: 170301HLCS-0      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00180 | .00486 | .01787 | .00198 | .00315 | .05667 | .15487 | .00004 |
| Stddev | .00157 | .00055 | .00286 | .00213 | .00132 | .01566 | .00035 | .00007 |
| %RSD   | 87.388 | 11.298 | 15.991 | 107.41 | 41.955 | 27.636 | .22707 | 190.92 |

|    |         |         |        |         |         |        |        |         |
|----|---------|---------|--------|---------|---------|--------|--------|---------|
| #1 | -.00291 | -.00447 | .01989 | -.00348 | -.00409 | .04560 | .15512 | .00001  |
| #2 | -.00069 | -.00525 | .01585 | -.00048 | -.00222 | .06775 | .15462 | -.00009 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00010 | 96.954 | .00269 | .00020 | .00090 | .03397 | .01031 | 1.2089 |
| Stddev | .00001 | 1.033  | .00040 | .00019 | .00017 | .01246 | .00006 | .0046  |
| %RSD   | 5.9739 | 1.0652 | 15.046 | 97.818 | 18.361 | 36.663 | .53645 | .37660 |

|    |         |        |        |         |         |        |        |        |
|----|---------|--------|--------|---------|---------|--------|--------|--------|
| #1 | -.00009 | 96.223 | .00240 | -.00006 | -.00078 | .04278 | .01027 | 1.2057 |
| #2 | -.00010 | 97.684 | .00297 | -.00034 | -.00102 | .02517 | .01034 | 1.2121 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00390 | .00033 | 318.66 | .00041 | .16082 | .28258 | .00042 | .02502 |
| Stddev | .00026 | .00013 | 3.30   | .00014 | .00157 | .02366 | .00008 | .01194 |
| %RSD   | 6.5778 | 38.978 | 1.0356 | 34.511 | .97632 | 8.3737 | 19.199 | 47.720 |

|    |        |         |        |         |        |        |        |        |
|----|--------|---------|--------|---------|--------|--------|--------|--------|
| #1 | .00372 | -.00024 | 316.32 | -.00051 | .15971 | .26585 | .00048 | .01658 |
| #2 | .00408 | -.00042 | 320.99 | -.00031 | .16193 | .29931 | .00036 | .03347 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .81058 | .03991 | .00235 | .00048 | .00271 | .0079  | .04064 |
| Stddev | .00507 | .00031 | .00030 | .00052 | .00046 | .0009  | .00001 |
| %RSD   | .62541 | .76954 | 12.688 | 110.34 | 16.875 | 11.77  | .02025 |

|    |        |        |        |         |        |       |        |
|----|--------|--------|--------|---------|--------|-------|--------|
| #1 | .81416 | .03969 | .00214 | -.00085 | .00304 | .0073 | .04064 |
| #2 | .80700 | .04013 | .00256 | -.00010 | .00239 | .0086 | .04063 |



Sample Name: I2146-02      Acquired: 3/9/2017 15:57:03      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: 170301HLCS-0      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2632.6  | 49659.  | 7165.2  | 91.743 | 2771.1 |
| Stddev    | 37.2    | 240.    | 13.6    | .289   | 27.9   |
| %RSD      | 1.4115  | .48260  | .19013  | .31478 | 1.0057 |
| #1        | 2606.4  | 49829.  | 7174.9  | 91.947 | 2751.4 |
| #2        | 2658.9  | 49490.  | 7155.6  | 91.539 | 2790.8 |

Sample Name: I2146-03      Acquired: 3/9/2017 16:01:15      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: 170301HLCS-0      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00559 | .00415 | .01057 | .00302 | .01167 | .01843 | .11954 | .00001 |
| Stddev | .00184 | .00024 | .00047 | .00125 | .00018 | .00529 | .00007 | .00002 |
| %RSD   | 32.981 | 5.8743 | 4.4202 | 41.303 | 1.5616 | 28.681 | .05565 | 243.29 |

|    |         |         |        |        |        |        |        |         |
|----|---------|---------|--------|--------|--------|--------|--------|---------|
| #1 | -.00428 | -.00433 | .01090 | .00391 | .01179 | .01469 | .11958 | -.00003 |
| #2 | -.00689 | -.00398 | .01024 | .00214 | .01154 | .02217 | .11949 | .00001  |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00007 | 1.2752 | .00088 | .00003 | .01015 | .17839 | .00175 | .21490 |
| Stddev | .00003 | .0029  | .00006 | .00057 | .00014 | .00523 | .00002 | .04580 |
| %RSD   | 45.741 | .23157 | 7.1663 | 1920.1 | 1.3337 | 2.9304 | 1.2474 | 21.311 |

|    |         |        |        |         |        |        |        |        |
|----|---------|--------|--------|---------|--------|--------|--------|--------|
| #1 | -.00010 | 1.2731 | .00092 | -.00043 | .01025 | .17469 | .00177 | .18251 |
| #2 | -.00005 | 1.2773 | .00083 | .00037  | .01006 | .18209 | .00174 | .24728 |

|        |        |        |         |        |        |        |        |        |
|--------|--------|--------|---------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895  | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .08796 | .00022 | .294.38 | .00003 | .08126 | .18988 | .00040 | .03273 |
| Stddev | .00098 | .00019 | 3.16    | .00027 | .00107 | .00374 | .00022 | .01053 |
| %RSD   | 1.1135 | 89.739 | 1.0719  | 784.24 | 1.3209 | 1.9693 | 55.868 | 32.160 |

|    |        |         |        |         |        |        |        |        |
|----|--------|---------|--------|---------|--------|--------|--------|--------|
| #1 | .08727 | -.00008 | 296.61 | -.00015 | .08202 | .18723 | .00056 | .04017 |
| #2 | .08865 | -.00035 | 292.15 | .00022  | .08050 | .19252 | .00024 | .02529 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .63226 | .01420 | .00198 | .00296 | .00034 | .0014  | .00863 |  |
| Stddev | .00547 | .00126 | .00039 | .00087 | .00085 | .0009  | .00006 |  |
| %RSD   | .86566 | 8.8910 | 19.698 | 29.356 | 246.34 | 61.78  | .69389 |  |

|    |        |        |        |        |         |       |        |  |
|----|--------|--------|--------|--------|---------|-------|--------|--|
| #1 | .62839 | .01331 | .00171 | .00235 | -.00026 | .0008 | .00859 |  |
| #2 | .63613 | .01510 | .00226 | .00357 | .00094  | .0020 | .00867 |  |

Sample Name: I2146-03      Acquired: 3/9/2017 16:01:15      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: 170301HLCS-0      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2906.6  | 51683.  | 7345.6  | 96.666 | 3112.3 |
| Stddev    | 3.8     | 217.    | 52.3    | 1.507  | 4.8    |
| %RSD      | .13044  | .41973  | .71195  | 1.5594 | .15348 |
| #1        | 2909.3  | 51530.  | 7308.6  | 95.600 | 3115.6 |
| #2        | 2903.9  | 51836.  | 7382.6  | 97.732 | 3108.9 |

Sample Name: PB97465BL      Acquired: 3/9/2017 16:05:29      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV10838      Custom ID2:      Custom ID3:  
Comment:

|        |         |         |         |         |         |         |         |         |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|
| Elem   | As1890  | Tl1908  | Pb2203  | Se1960  | Sb2068  | Al3961  | Ba4934  | Be2348  |
| Units  | ppm     | ppm     | ppm     | ppm     | ppm     | ppm     | ppm     | ppm     |
| Avg    | .00114  | .00123  | -.00084 | .00108  | .00043  | .00567  | -.00191 | .00007  |
| Stddev | .00134  | .00012  | .00054  | .00136  | .00158  | .01765  | .00027  | .00001  |
| %RSD   | 117.21  | 9.3582  | 64.241  | 125.61  | 370.15  | 311.25  | 14.118  | 9.3883  |
| #1     | .00020  | .00131  | -.00046 | .00012  | -.00069 | -.00681 | -.00210 | .00008  |
| #2     | .00209  | .00115  | -.00122 | .00204  | .00154  | .01815  | -.00172 | .00007  |
| Elem   | Cd2265  | Ca3736  | Cr2677  | Co2286  | Cu2247  | Fe2404  | Mn2576  | Mg2790  |
| Units  | ppm     | ppm     | ppm     | ppm     | ppm     | ppm     | ppm     | ppm     |
| Avg    | -.00007 | .00403  | -.00008 | .00012  | -.00009 | -.01403 | .00000  | .02464  |
| Stddev | .00004  | .01010  | .00012  | .00021  | .00001  | .00500  | .00001  | .00316  |
| %RSD   | 60.493  | 250.30  | 146.90  | 180.97  | 10.920  | 35.623  | 191380. | 12.820  |
| #1     | -.00010 | .01117  | -.00017 | .00027  | -.00008 | -.01049 | .00000  | .02241  |
| #2     | -.00004 | -.00311 | .00000  | -.00003 | -.00009 | -.01756 | .00000  | .02688  |
| Elem   | Ni2316  | Ag3280  | Na5895  | V_2924  | Zn2138  | K_7664  | Mo2020  | B_2496  |
| Units  | ppm     | ppm     | ppm     | ppm     | ppm     | ppm     | ppm     | ppm     |
| Avg    | -.00019 | -.00019 | .00790  | -.00027 | -.00101 | .00550  | -.00005 | -.00993 |
| Stddev | .00027  | .00018  | .00127  | .00033  | .00002  | .01240  | .00005  | .00625  |
| %RSD   | 144.25  | 94.538  | 16.018  | 123.81  | 2.1794  | 225.44  | 107.49  | 62.997  |
| #1     | -.00038 | -.00006 | .00879  | -.00050 | -.00099 | .01427  | -.00009 | -.00550 |
| #2     | .00000  | -.00032 | .00700  | -.00003 | -.00102 | -.00327 | -.00001 | -.01435 |
| Elem   | S_1820  | Si2881  | Sn1899  | Ti3361  | Li6707  | P_1774  | Sr4077  |         |
| Units  | ppm     | ppm     | ppm     | ppm     | ppm     | ppm     | ppm     |         |
| Avg    | -.00201 | -.00908 | -.00081 | .00223  | -.00013 | -.0007  | .00005  |         |
| Stddev | .00178  | .00031  | .00069  | .00067  | .00123  | .0002   | .00001  |         |
| %RSD   | 88.592  | 3.4269  | 85.982  | 30.253  | 961.91  | 22.22   | 12.312  |         |
| #1     | -.00075 | -.00930 | -.00032 | .00270  | -.00100 | -.0006  | .00004  |         |
| #2     | -.00327 | -.00886 | -.00129 | .00175  | .00074  | -.0008  | .00005  |         |

Sample Name: PB97465BL      Acquired: 3/9/2017 16:05:29      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV10838      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 3136.0  | 57123.  | 7613.2  | 99.793 | 3570.9 |
| Stddev    | 2.1     | 205.    | 1.3     | 3.179  | 3.8    |
| %RSD      | .06617  | .35891  | .01756  | 3.1854 | .10734 |
| #1        | 3134.6  | 56978.  | 7612.2  | 102.04 | 3568.2 |
| #2        | 3137.5  | 57268.  | 7614.1  | 97.545 | 3573.6 |

Sample Name: CCV05      Acquired: 3/9/2017 16:09:39      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB10838      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 5.3259 | 4.8908 | 4.9889 | 5.2751 | 5.3469 | 9.8560 | 10.116 | .24642 |
| Stddev | .3689  | .3193  | .3357  | .3553  | .3609  | .0049  | .116   | .00008 |
| %RSD   | 6.9264 | 6.5278 | 6.7285 | 6.7359 | 6.7508 | .04997 | 1.1457 | .03183 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 5.0650 | 4.6650 | 4.7515 | 5.0238 | 5.0916 | 9.8526 | 10.198 | .24648 |
| #2 | 5.5867 | 5.1165 | 5.2262 | 5.5263 | 5.6021 | 9.8595 | 10.035 | .24637 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.4593 | 23.166 | .90779 | 2.5069 | 1.2960 | 4.6826 | 2.4855 | 22.897 |
| Stddev | .1665  | .028   | .00361 | .1717  | .0850  | .0781  | .0022  | .007   |
| %RSD   | 6.7698 | .12026 | .39733 | 6.8506 | 6.5602 | 1.6686 | .08848 | .03157 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.3416 | 23.147 | .90523 | 2.3855 | 1.2359 | 4.6274 | 2.4840 | 22.902 |
| #2 | 2.5770 | 23.186 | .91034 | 2.6283 | 1.3562 | 4.7379 | 2.4871 | 22.892 |

|        |        |        |        |        |        |        |        |          |
|--------|--------|--------|--------|--------|--------|--------|--------|----------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496   |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm      |
| Avg    | 2.4287 | 1.1911 | 23.634 | 2.3254 | 2.3108 | 24.878 | 5.0812 | F 4.4143 |
| Stddev | .1653  | .0016  | .027   | .0068  | .0376  | .014   | .3410  | .0170    |
| %RSD   | 6.8053 | .13296 | .11306 | .29414 | 1.6263 | .05657 | 6.7114 | .38573   |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.3118 | 1.1900 | 23.653 | 2.3206 | 2.2842 | 24.888 | 4.8401 | 4.4023 |
| #2 | 2.5456 | 1.1922 | 23.616 | 2.3303 | 2.3373 | 24.868 | 5.3224 | 4.4264 |

|        |        |          |        |        |        |        |        |  |
|--------|--------|----------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881   | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm      | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | 4.8705 | F 4.2938 | 4.9464 | 4.8157 | 5.1229 | 4.976  | 4.8101 |  |
| Stddev | .3260  | .0231    | .3382  | .0059  | .0094  | .326   | .0407  |  |
| %RSD   | 6.6923 | .53709   | 6.8377 | .12332 | .18254 | 6.542  | .84534 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | 4.6400 | 4.2775 | 4.7072 | 4.8115 | 5.1295 | 4.746 | 4.8389 |  |
| #2 | 5.1010 | 4.3101 | 5.1855 | 4.8199 | 5.1163 | 5.207 | 4.7814 |  |

Sample Name: CCV05      Acquired: 3/9/2017 16:09:39      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB10838      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2885.1  | 54508.  | 7693.8  | 38.796 | 3072.9 |
| Stddev    | 162.9   | 207.    | 24.3    | .500   | 169.9  |
| %RSD      | 5.6478  | .37953  | .31530  | .50642 | 5.5293 |
| #1        | 3000.3  | 54362.  | 7676.7  | 99.150 | 3193.1 |
| #2        | 2769.8  | 54654.  | 7711.0  | 98.442 | 2952.8 |

Sample Name: CCB05      Acquired: 3/9/2017 16:13:39      Type: Unk  
Method: P4-ICP2(v1919)      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    | .00012 | .00327 | .00093 | .00253 | .00070 | .00367 | .00180 | .00006 |
| Stddev | .00139 | .00016 | .00025 | .00117 | .00113 | .00879 | .00018 | .00005 |
| %RSD   | 1163.9 | 4.8133 | 26.740 | 46.395 | 162.13 | 239.50 | 9.7812 | 81.793 |

|    |         |        |         |        |         |         |         |        |
|----|---------|--------|---------|--------|---------|---------|---------|--------|
| #1 | -.00087 | .00316 | -.00075 | .00170 | .00150  | .00989  | -.00167 | .00003 |
| #2 | .00110  | .00338 | -.00111 | .00336 | -.00010 | -.00255 | -.00192 | .00010 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00009 | .00059 | .00020 | .00011 | .00006 | .00751 | .00001 | .00007 |
| Stddev | .00006 | .00729 | .00019 | .00037 | .00015 | .00310 | .00001 | .00568 |
| %RSD   | 66.644 | 1244.4 | 93.702 | 350.15 | 270.88 | 41.292 | 113.13 | 7956.1 |

|    |         |         |        |         |         |         |         |         |
|----|---------|---------|--------|---------|---------|---------|---------|---------|
| #1 | -.00013 | -.00574 | .00007 | .00037  | .00016  | -.00532 | -.00002 | .00408  |
| #2 | -.00005 | .00457  | .00033 | -.00016 | -.00005 | -.00970 | .00000  | -.00394 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00009 | .00051 | .00390 | .00008 | .00099 | .00430 | .00121 | .00329 |
| Stddev | .00010 | .00007 | .00462 | .00014 | .00008 | .02851 | .00016 | .00938 |
| %RSD   | 115.91 | 14.168 | 118.50 | 175.55 | 8.4014 | 663.84 | 13.474 | 284.96 |

|    |         |        |         |         |         |         |        |         |
|----|---------|--------|---------|---------|---------|---------|--------|---------|
| #1 | -.00002 | .00046 | -.00717 | .00002  | -.00105 | .02446  | .00133 | .00334  |
| #2 | -.00016 | .00056 | -.00063 | -.00017 | -.00093 | -.01587 | .00110 | -.00992 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .00157 | .00889 | .00069 | .00208 | .00024 | .0001  | .00003 |  |
| Stddev | .00133 | .00036 | .00032 | .00036 | .00075 | .0013  | .00000 |  |
| %RSD   | 84.779 | 4.0264 | 46.978 | 17.536 | 308.21 | 1364.  | 17.172 |  |

|    |         |         |        |        |         |        |        |  |
|----|---------|---------|--------|--------|---------|--------|--------|--|
| #1 | -.00251 | -.00864 | .00092 | .00182 | -.00029 | -.0010 | .00002 |  |
| #2 | -.00063 | -.00914 | .00046 | .00234 | .00078  | .0008  | .00003 |  |



Sample Name: CCB05      Acquired: 3/9/2017 16:13:39      Type: Unk  
Method: P4-ICP2(v1919)      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       | 3198.0  | 58250.  | 7749.1  | 103.15 | 3647.5 |
| Stddev    | 2.6     | 80.     | .1      | 1.36   | 7.8    |
| %RSD      | .08030  | .13658  | .00187  | 1.3211 | .21359 |
| #1        | 3196.2  | 58194.  | 7749.2  | 104.12 | 3642.0 |
| #2        | 3199.8  | 58306.  | 7749.0  | 102.19 | 3653.0 |

Sample Name: PB97465BS      Acquired: 3/9/2017 16:17:50      Type: Unk  
Method: P4-ICP2(v1919)      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    | .75539 | 1.7832 | .88164 | 1.8452   | .77545 | 1.8061 | .20424 |
| Stddev | .00186 | .0056  | .00515 | .0026    | .00014 | .0148  | .00018 |
| %RSD   | .24649 | .31277 | .58382 | .13880   | .01831 | .81818 | .08819 |
| #1     | .75407 | 1.7793 | .87800 | 1.8434   | .77535 | 1.7956 | .20412 |
| #2     | .75670 | 1.7872 | .88528 | 1.8470   | .77555 | 1.8165 | .20437 |
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677   | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm      | ppm    | ppm    | ppm    |
| Avg    | .18928 | .17320 | .95270 | .35700   | .18177 | .29770 | 2.7346 |
| Stddev | .00070 | .00103 | .00696 | .00147   | .00021 | .00001 | .0146  |
| %RSD   | .37137 | .59313 | .73029 | .41308   | .11389 | .00191 | .53512 |
| #1     | .18978 | .17247 | .94779 | .35804   | .18192 | .29770 | 2.7242 |
| #2     | .18878 | .17393 | .95762 | .35596   | .18162 | .29771 | 2.7449 |
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280   | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm      | ppm    | ppm    | ppm    |
| Avg    | .19984 | 1.8152 | .43820 | .06685   | 2.8008 | .27117 | .18677 |
| Stddev | .00023 | .0246  | .00289 | .00038   | .0046  | .00032 | .00243 |
| %RSD   | .11568 | 1.3537 | .65863 | .57042   | .16481 | .11657 | 1.2993 |
| #1     | .20000 | 1.7978 | .43616 | .06658   | 2.7976 | .27094 | .18505 |
| #2     | .19968 | 1.8325 | .44024 | .06712   | 2.8041 | .27139 | .18848 |
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820   | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm      | ppm    | ppm    | ppm    |
| Avg    | 9.7488 | .38854 | .27250 | F .00813 | .84825 | .63243 | .19619 |
| Stddev | .0088  | .00071 | .00709 | .00384   | .01261 | .00303 | .00011 |
| %RSD   | .09058 | .18246 | 2.6034 | 47.237   | 1.4868 | .47905 | .05613 |
| #1     | 9.7426 | .38804 | .27752 | -.00541  | .83933 | .63029 | .19611 |
| #2     | 9.7551 | .38904 | .26748 | -.01084  | .85717 | .63458 | .19626 |

Sample Name: PB97465BS      Acquired: 3/9/2017 16:17:50      Type: Unk  
Method: P4-ICP2(v1919)      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    | .20375 | 4.961  | .19173 |
| Stddev | .00188 | .016   | .00002 |
| %RSD   | .92359 | .3171  | .01051 |

|    |        |       |        |
|----|--------|-------|--------|
| #1 | .20242 | 4.950 | .19175 |
| #2 | .20508 | 4.972 | .19172 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 3171.0  | 57097.  | 7487.1  | 100.76 | 3607.7 |
| Stddev    | 17.3    | 231.    | 16.2    | .55    | 16.1   |
| %RSD      | .54463  | .40409  | .21636  | .54977 | .44628 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 3158.8 | 56934. | 7475.7 | 101.15 | 3596.3 |
| #2 | 3183.2 | 57260. | 7498.6 | 100.37 | 3619.1 |

Sample Name: I2177-01      Acquired: 3/9/2017 16:21:46      Type: Unk  
Method: P4-ICP2(v1919)      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    | .00426 | .00650 | .01187 | .05012 | .00507 | .20573 | .04154 | .00008 |
| Stddev | .00239 | .00084 | .00063 | .00023 | .00342 | .01608 | .00045 | .00014 |
| %RSD   | 56.229 | 12.872 | 5.3151 | .46138 | 67.439 | 7.8174 | 1.0754 | 171.76 |

|    |         |         |         |         |        |         |        |         |
|----|---------|---------|---------|---------|--------|---------|--------|---------|
| #1 | -.00256 | -.00591 | -.01231 | -.04996 | .00265 | -.21710 | .04122 | .00018  |
| #2 | -.00595 | -.00709 | -.01142 | -.05028 | .00749 | -.19436 | .04185 | -.00002 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00080 | 520.94 | .00071 | .00291 | .00360 | .02553 | .12470 | 1669.3 |
| Stddev | .00014 | .83    | .00003 | .00010 | .00007 | .00874 | .00129 | 3.2    |
| %RSD   | 17.444 | .15926 | 4.7619 | 3.4230 | 1.8455 | 34.224 | 1.0310 | .19172 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | -.00089 | 520.36 | .00068 | .00284 | .00356 | .03170 | .12379 | 1667.1 |
| #2 | -.00070 | 521.53 | .00073 | .00298 | .00365 | .01935 | .12561 | 1671.6 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00432 | .00024 | 2317.4 | .00254 | .02636 | 783.72 | .01524 | 5.6145 |
| Stddev | .00088 | .00050 | 159.0  | .00060 | .00016 | 11.97  | .00032 | .0018  |
| %RSD   | 20.349 | 204.92 | 6.8614 | 23.443 | .61545 | 1.5277 | 2.0900 | .03264 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .00494 | -.00011 | 2429.8 | .00212 | .02624 | 792.18 | .01501 | 5.6132 |
| #2 | .00370 | .00060  | 2205.0 | .00296 | .02647 | 775.25 | .01546 | 5.6158 |

|        |         |        |        |        |        |        |        |  |
|--------|---------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820  | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | F1327.0 | .61161 | .00499 | .01467 | .71098 | .3457  | 10.453 |  |
| Stddev | 20.2    | .00184 | .00337 | .00005 | .00066 | .0082  | .005   |  |
| %RSD   | 1.5204  | .30070 | 67.480 | .31813 | .09255 | 2.378  | .04659 |  |

|    |        |        |        |         |        |       |        |  |
|----|--------|--------|--------|---------|--------|-------|--------|--|
| #1 | 1312.8 | .61291 | .00738 | -.01464 | .71145 | .3399 | 10.449 |  |
| #2 | 1341.3 | .61031 | .00261 | -.01470 | .71051 | .3515 | 10.456 |  |

Sample Name: I2177-01      Acquired: 3/9/2017 16:21:46      Type: Unk  
Method: P4-ICP2(v1919)      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       | 1834.9  | 31652.  | 5526.8  | 37.350 | 1564.3 |
| Stddev    | 25.7    | 195.    | 56.4    | .412   | 21.2   |
| %RSD      | 1.3990  | .61477  | 1.0200  | .61238 | 1.3538 |
| #1        | 1853.0  | 31790.  | 5486.9  | 67.059 | 1579.3 |
| #2        | 1816.7  | 31515.  | 5566.6  | 67.642 | 1549.3 |

Sample Name: I2177-01DUP      Acquired: 3/9/2017 16:26:10      Type: Unk  
Method: P4-ICP2(v1919)      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    | .00331 | .00673 | .00853 | .05475 | .00611 | .19123 | .04156 | .00010 |
| Stddev | .00272 | .00045 | .00138 | .00564 | .00286 | .00760 | .00039 | .00004 |
| %RSD   | 82.130 | 6.7281 | 16.145 | 10.292 | 46.761 | 3.9757 | .94119 | 38.908 |

|    |         |         |         |         |        |         |        |        |
|----|---------|---------|---------|---------|--------|---------|--------|--------|
| #1 | -.00523 | -.00705 | -.00755 | -.05077 | .00814 | -.19660 | .04184 | .00013 |
| #2 | -.00139 | -.00641 | -.00950 | -.05874 | .00409 | -.18585 | .04129 | .00007 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00066 | 520.08 | .00113 | .00197 | .00272 | .02417 | .12282 | 1657.8 |
| Stddev | .00027 | 1.38   | .00023 | .00015 | .00025 | .00432 | .00012 | .7     |
| %RSD   | 41.351 | .26621 | 20.637 | 7.5141 | 9.3663 | 17.870 | .09649 | .04043 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | -.00085 | 521.06 | .00130 | .00207 | .00254 | .02112 | .12290 | 1658.3 |
| #2 | -.00047 | 519.10 | .00097 | .00186 | .00290 | .02723 | .12273 | 1657.3 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00569 | .00031 | 1940.2 | .00322 | .02682 | 795.06 | .01507 | 5.6165 |
| Stddev | .00040 | .00025 | 63.6   | .00022 | .00016 | 11.15  | .00086 | .0065  |
| %RSD   | 7.0784 | 80.396 | 3.2801 | 6.7359 | .59371 | 1.4026 | 5.7225 | .11552 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .00541 | -.00013 | 1985.2 | .00338 | .02693 | 802.94 | .01446 | 5.6211 |
| #2 | .00598 | -.00049 | 1895.2 | .00307 | .02671 | 787.17 | .01568 | 5.6120 |

|        |         |        |        |        |        |        |        |  |
|--------|---------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820  | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | F1259.0 | .61685 | .00387 | .01306 | .71215 | .3231  | 10.585 |  |
| Stddev | 1.3     | .00465 | .00051 | .00184 | .00116 | .0055  | .099   |  |
| %RSD   | .10128  | .75380 | 13.066 | 14.082 | .16284 | 1.718  | .93323 |  |

|    |        |        |        |         |        |       |        |  |
|----|--------|--------|--------|---------|--------|-------|--------|--|
| #1 | 1259.9 | .62013 | .00351 | -.01176 | .71133 | .3270 | 10.655 |  |
| #2 | 1258.1 | .61356 | .00423 | -.01436 | .71297 | .3191 | 10.516 |  |

Sample Name: I2177-01DUP      Acquired: 3/9/2017 16:26:10      Type: Unk  
Method: P4-ICP2(v1919)      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       | 1957.4  | 32466.  | 5586.8  | 37.157 | 1662.9 |
| Stddev    | 28.8    | 115.    | 50.7    | .877   | 19.4   |
| %RSD      | 1.4722  | .35466  | .90690  | 1.3063 | 1.1688 |
| #1        | 1937.1  | 32384.  | 5551.0  | 66.537 | 1649.2 |
| #2        | 1977.8  | 32547.  | 5622.7  | 67.777 | 1676.7 |

Sample Name: I2177-01LX5      Acquired: 3/9/2017 16:30:35      Type: Unk  
Method: P4-ICP2(v1919)      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    | .00194 | -.00192 | -.00277 | -.00577 | -.00250 | .03975 | .00585 | .00007 |
| Stddev | .00196 | .00245  | .00238  | .00023  | .00113  | .01479 | .00048 | .00002 |
| %RSD   | 101.13 | 127.42  | 85.768  | 3.9978  | 45.296  | 37.223 | 8.2563 | 29.960 |

|    |        |         |         |         |         |        |        |        |
|----|--------|---------|---------|---------|---------|--------|--------|--------|
| #1 | .00055 | -.00019 | -.00109 | -.00561 | -.00330 | .05021 | .00551 | .00005 |
| #2 | .00333 | -.00365 | -.00446 | -.00594 | -.00170 | .02928 | .00619 | .00008 |

|        |         |        |        |        |        |        |        |        |
|--------|---------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265  | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | -.00025 | 101.81 | .00001 | .00024 | .00004 | .00800 | .02370 | 329.68 |
| Stddev | .00003  | .66    | .00003 | .00000 | .00013 | .01022 | .00004 | 2.31   |
| %RSD   | 12.418  | .65125 | 291.84 | 1.4789 | 350.29 | 127.71 | .17954 | .70130 |

|    |         |        |         |        |         |        |        |        |
|----|---------|--------|---------|--------|---------|--------|--------|--------|
| #1 | -.00022 | 101.35 | .00003  | .00025 | -.00006 | .00078 | .02367 | 328.04 |
| #2 | -.00027 | 102.28 | -.00001 | .00024 | .00013  | .01523 | .02373 | 331.31 |

|        |        |         |        |        |        |        |        |        |
|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280  | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00124 | -.00039 | 1675.4 | .00097 | .00351 | 123.40 | .00247 | 1.0298 |
| Stddev | .00019 | .00039  | 6.0    | .00016 | .00000 | .21    | .00019 | .0001  |
| %RSD   | 15.406 | 99.741  | .35784 | 16.358 | .06462 | .17422 | 7.7198 | .01389 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .00137 | -.00066 | 1679.6 | .00109 | .00351 | 123.25 | .00234 | 1.0299 |
| #2 | .00110 | -.00011 | 1671.2 | .00086 | .00351 | 123.55 | .00261 | 1.0297 |

|        |        |        |        |         |        |        |        |
|--------|--------|--------|--------|---------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361  | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    |
| Avg    | 269.54 | .09583 | .00334 | -.00090 | .07166 | .0476  | 2.0278 |
| Stddev | .25    | .00066 | .00079 | .00113  | .00052 | .0019  | .0013  |
| %RSD   | .09197 | .68726 | 23.628 | 125.22  | .72147 | 4.049  | .06350 |

|    |        |        |        |         |        |       |        |
|----|--------|--------|--------|---------|--------|-------|--------|
| #1 | 269.71 | .09536 | .00390 | -.00170 | .07129 | .0489 | 2.0269 |
| #2 | 269.36 | .09629 | .00278 | -.00010 | .07202 | .0462 | 2.0287 |



Sample Name: I2177-01LX5      Acquired: 3/9/2017 16:30:35      Type: Unk  
Method: P4-ICP2(v1919)      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       | 2600.3  | 45619.  | 7218.6  | 90.450 | 2461.0 |
| Stddev    | 6.0     | 145.    | 5.8     | .598   | 5.1    |
| %RSD      | .23055  | .31720  | .08013  | .66074 | .20912 |
| #1        | 2596.0  | 45517.  | 7214.5  | 90.873 | 2457.3 |
| #2        | 2604.5  | 45721.  | 7222.7  | 90.028 | 2464.6 |

Sample Name: I2177-01A      Acquired: 3/9/2017 16:43:10      Type: Unk  
Method: P4-ICP2(v1919)      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    | 1.0184 | 1.6094 | .90717 | 2.3580 | .96067 | 2.4032 | .25326 | .30371 |
| Stddev | .0203  | .0051  | .00017 | .0015  | .00997 | .0271  | .00041 | .00260 |
| %RSD   | 1.9948 | .31763 | .01909 | .06193 | 1.0382 | 1.1289 | .16196 | .85746 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.0327 | 1.6058 | .90705 | 2.3591 | .96772 | 2.3840 | .25355 | .30187 |
| #2 | 1.0040 | 1.6130 | .90729 | 2.3570 | .95361 | 2.4224 | .25297 | .30556 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .20072 | 507.02 | .35882 | .20553 | .24074 | 2.7067 | .31520 | 1618.6 |
| Stddev | .00023 | 2.91   | .00539 | .00047 | .00148 | .0328  | .00356 | 7.0    |
| %RSD   | .11337 | .57388 | 1.5014 | .22772 | .61431 | 1.2131 | 1.1301 | .43544 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .20056 | 509.08 | .35501 | .20520 | .24178 | 2.6835 | .31268 | 1623.6 |
| #2 | .20088 | 504.97 | .36263 | .20586 | .23969 | 2.7299 | .31772 | 1613.7 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .48700 | .10654 | 1511.1 | .29495 | .25421 | 743.51 | .39748 | 5.6032 |
| Stddev | .00229 | .00032 | 21.6   | .00135 | .00436 | 16.68  | .00224 | .0112  |
| %RSD   | .46994 | .30196 | 1.4278 | .45843 | 1.7139 | 2.2439 | .56327 | .20038 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .48538 | .10631 | 1526.3 | .29400 | .25113 | 755.31 | .39906 | 5.5952 |
| #2 | .48862 | .10677 | 1495.8 | .29591 | .25729 | 731.72 | .39589 | 5.6111 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | 1234.6 | 1.4365 | .67591 | .18217 | 1.1311 | 9.111  | 10.162 |  |
| Stddev | 1.2    | .0129  | .00004 | .00083 | .0026  | .017   | .034   |  |
| %RSD   | .09825 | .89923 | .00555 | .45657 | .23148 | .1807  | .33562 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | 1235.4 | 1.4456 | .67588 | .18158 | 1.1292 | 9.123 | 10.186 |  |
| #2 | 1233.7 | 1.4274 | .67593 | .18276 | 1.1329 | 9.099 | 10.138 |  |

Sample Name: I2177-01A      Acquired: 3/9/2017 16:43:10      Type: Unk  
Method: P4-ICP2(v1919)      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       | 2118.9  | 35077.  | 5755.2  | 71.865 | 1780.4 |
| Stddev    | 20.8    | 165.    | 55.2    | 1.012  | 13.0   |
| %RSD      | .98026  | .46916  | .95866  | 1.4085 | .73043 |
| #1        | 2104.2  | 35193.  | 5716.2  | 72.581 | 1771.2 |
| #2        | 2133.6  | 34961.  | 5794.3  | 71.150 | 1789.6 |

Sample Name: I2177-02      Acquired: 3/9/2017 16:47:22      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00164 | .00300 | .01030 | .05221 | .00384 | .22394 | .03161 | .00009 |
| Stddev | .00465 | .00237 | .00111 | .00037 | .00077 | .03406 | .00016 | .00009 |
| %RSD   | 284.53 | 78.966 | 10.813 | .70351 | 20.093 | 15.208 | .49850 | 105.55 |

|    |         |         |         |         |        |         |        |        |
|----|---------|---------|---------|---------|--------|---------|--------|--------|
| #1 | .00493  | -.00468 | -.01109 | -.05195 | .00329 | -.24803 | .03150 | .00015 |
| #2 | -.00166 | -.00133 | -.00951 | -.05247 | .00438 | -.19986 | .03172 | .00002 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00067 | 517.77 | .00249 | .00205 | .00220 | .01908 | .11861 | 1651.7 |
| Stddev | .00007 | 1.12   | .00072 | .00055 | .00040 | .01977 | .00031 | 2.7    |
| %RSD   | 10.866 | .21585 | 28.797 | 26.857 | 18.067 | 103.60 | .26014 | .16157 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | -.00062 | 518.56 | .00300 | .00244 | .00248 | .00510 | .11839 | 1649.8 |
| #2 | -.00072 | 516.98 | .00198 | .00166 | .00192 | .03306 | .11883 | 1653.6 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00435 | .00077 | 1486.4 | .00280 | .05677 | 752.28 | .01454 | 5.4914 |
| Stddev | .00043 | .00071 | 38.5   | .00076 | .00076 | 3.79   | .00058 | .0403  |
| %RSD   | 9.7986 | 91.831 | 2.5930 | 27.015 | 1.3347 | .50397 | 3.9876 | .73392 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .00465 | -.00127 | 1513.6 | .00226 | .05730 | 754.96 | .01413 | 5.4629 |
| #2 | .00405 | -.00027 | 1459.1 | .00333 | .05623 | 749.60 | .01495 | 5.5199 |

|        |         |        |        |        |        |        |        |  |
|--------|---------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820  | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | F1262.0 | .44017 | .00451 | .01177 | .65109 | .3059  | 10.194 |  |
| Stddev | 2.9     | .00051 | .00151 | .00223 | .01113 | .0006  | .017   |  |
| %RSD   | .22944  | .11475 | 33.584 | 18.913 | 1.7096 | .2010  | .16498 |  |

|    |        |        |        |         |        |       |        |  |
|----|--------|--------|--------|---------|--------|-------|--------|--|
| #1 | 1264.0 | .43981 | .00344 | -.01335 | .65896 | .3064 | 10.206 |  |
| #2 | 1259.9 | .44053 | .00558 | -.01020 | .64322 | .3055 | 10.182 |  |

Sample Name: I2177-02      Acquired: 3/9/2017 16:47:22      Type: Unk  
Method: P4-ICP2(v1919)      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       | 2180.6  | 34785.  | 5731.1  | 38.901 | 1815.6 |
| Stddev    | 12.7    | 22.     | 53.0    | 1.049  | 7.4    |
| %RSD      | .58265  | .06250  | .92478  | 1.5221 | .40758 |
| #1        | 2171.7  | 34800.  | 5693.6  | 68.159 | 1810.4 |
| #2        | 2189.6  | 34769.  | 5768.6  | 69.642 | 1820.9 |

Sample Name: I2177-01MS      Acquired: 3/9/2017 16:51:44      Type: Unk  
Method: P4-ICP2(v1919)      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    | .95495 | 1.6207 | .92601 | 2.1756 | 1.2077 | 2.0056 | .24337 | .28475 |
| Stddev | .00199 | .0051  | .00119 | .0120  | .0125  | .0790  | .00307 | .00239 |
| %RSD   | .20868 | .31419 | .12877 | .55005 | 1.0326 | 3.9377 | 1.2621 | .83896 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .95354 | 1.6243 | .92685 | 2.1671 | 1.1988 | 2.0615 | .24554 | .28644 |
| #2 | .95636 | 1.6171 | .92516 | 2.1841 | 1.2165 | 1.9498 | .24120 | .28306 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .20467 | 525.13 | .36724 | .20646 | .24157 | 2.7847 | .31744 | 1725.8 |
| Stddev | .00037 | 2.54   | .00113 | .00043 | .00099 | .0282  | .00296 | .0     |
| %RSD   | .18190 | .48445 | .30665 | .20953 | .40972 | 1.0125 | .93239 | .00062 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .20494 | 526.93 | .36804 | .20676 | .24227 | 2.8047 | .31953 | 1725.8 |
| #2 | .20441 | 523.33 | .36645 | .20615 | .24087 | 2.7648 | .31534 | 1725.8 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .49547 | .09387 | 1808.1 | .29295 | .27140 | 709.09 | .53055 | 5.6248 |
| Stddev | .00203 | .00130 | 207.4  | .00336 | .00054 | 26.11  | .00038 | .0824  |
| %RSD   | .40927 | 1.3891 | 11.470 | 1.1485 | .19798 | 3.6817 | .07196 | 1.4643 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .49404 | .09480 | 1954.8 | .29533 | .27178 | 727.55 | .53028 | 5.6830 |
| #2 | .49691 | .09295 | 1661.5 | .29057 | .27102 | 690.63 | .53082 | 5.5665 |

|        |         |        |        |        |        |        |        |  |
|--------|---------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820  | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | F1267.3 | 1.7939 | .93656 | .25036 | .96303 | 3.822  | 10.009 |  |
| Stddev | .6      | .0103  | .00006 | .00011 | .02407 | .041   | .154   |  |
| %RSD   | .04586  | .57168 | .00648 | .04413 | 2.4995 | .4593  | 1.5381 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | 1266.9 | 1.8011 | .93660 | .25044 | .98006 | 8.793 | 10.118 |  |
| #2 | 1267.7 | 1.7866 | .93652 | .25029 | .94601 | 8.851 | 9.9004 |  |

Sample Name: I2177-01MS      Acquired: 3/9/2017 16:51:44      Type: Unk  
Method: P4-ICP2(v1919)      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       | 2224.5  | 35832.  | 5208.1  | 36.457 | 1841.8 |
| Stddev    | 5.2     | 211.    | 4.4     | .497   | .8     |
| %RSD      | .23596  | .58819  | .08454  | .74846 | .04182 |
| #1        | 2220.8  | 35683.  | 5205.0  | 66.105 | 1841.3 |
| #2        | 2228.2  | 35981.  | 5211.2  | 66.808 | 1842.4 |

Sample Name: I2177-01MSD      Acquired: 3/9/2017 17:00:12      Type: Unk  
Method: P4-ICP2(v1919)      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    | .97691  | 1.5781 | .88677 | 2.2582 | 1.2517 | 2.4335 | .25217 | .30105 |
| Stddev | .01969  | .0244  | .01673 | .0294  | .0183  | .0059  | .00236 | .00359 |
| %RSD   | 2.0156  | 1.5429 | 1.8866 | 1.3013 | 1.4656 | .24233 | .93715 | 1.1932 |
| #1     | .96299  | 1.5609 | .87494 | 2.2374 | 1.2387 | 2.4377 | .25049 | .29851 |
| #2     | .99084  | 1.5953 | .89860 | 2.2789 | 1.2647 | 2.4293 | .25384 | .30359 |
| Elem   | Cd2265  | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .19729  | 509.28 | .36128 | .19995 | .23650 | 2.6958 | .31617 | 1619.0 |
| Stddev | .00354  | 13.79  | .00402 | .00444 | .00352 | .0776  | .00433 | 53.3   |
| %RSD   | 1.7963  | 2.7074 | 1.1128 | 2.2183 | 1.4896 | 2.8780 | 1.3686 | 3.2944 |
| #1     | .19478  | 499.53 | .35844 | .19681 | .23401 | 2.6409 | .31311 | 1581.3 |
| #2     | .19979  | 519.03 | .36412 | .20308 | .23899 | 2.7506 | .31923 | 1656.7 |
| Elem   | Ni2316  | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .48186  | .10481 | 1665.5 | .29809 | .25662 | 740.59 | .52951 | 5.6265 |
| Stddev | .00715  | .00169 | 51.1   | .00349 | .00319 | 16.40  | .00593 | .1207  |
| %RSD   | 1.4834  | 1.6135 | 3.0664 | 1.1713 | 1.2429 | 2.2150 | 1.1203 | 2.1452 |
| #1     | .47680  | .10361 | 1701.6 | .29562 | .25437 | 728.99 | .52532 | 5.5411 |
| #2     | .48691  | .10601 | 1629.4 | .30056 | .25888 | 752.19 | .53371 | 5.7118 |
| Elem   | S_1820  | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |        |
| Units  | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |        |
| Avg    | F1235.3 | 1.7247 | .89900 | .24803 | 1.1001 | 3.866  | 10.115 |        |
| Stddev | 18.3    | .0491  | .01696 | .00510 | .0019  | .135   | .163   |        |
| %RSD   | 1.4783  | 2.8437 | 1.8860 | 2.0547 | .17253 | 1.521  | 1.6151 |        |
| #1     | 1222.4  | 1.6900 | .88702 | .24442 | 1.1014 | 8.770  | 9.9998 |        |
| #2     | 1248.2  | 1.7594 | .91099 | .25163 | 1.0987 | 8.961  | 10.231 |        |



Sample Name: I2177-01MSD      Acquired: 3/9/2017 17:00:12      Type: Unk  
Method: P4-ICP2(v1919)      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       | 2201.8  | 35100.  | 5727.8  | 70.846 | 1846.4 |
| Stddev    | 13.2    | 303.    | 123.9   | .434   | 14.7   |
| %RSD      | .59804  | .86188  | 2.1635  | .61210 | .79821 |
| #1        | 2211.1  | 35314.  | 5815.5  | 71.153 | 1856.8 |
| #2        | 2192.5  | 34886.  | 5640.2  | 70.539 | 1836.0 |

Sample Name: PB97476BL      Acquired: 3/9/2017 17:04:25      Type: Unk  
Method: P4-ICP2(v1919)      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    | .00048 | .00294 | .00088 | .00091 | .00071 | .00139 | .00083 | .00007 |
| Stddev | .00015 | .00002 | .00006 | .00002 | .00175 | .00324 | .00021 | .00002 |
| %RSD   | 31.784 | .67699 | 6.4528 | 2.6210 | 248.34 | 233.00 | 25.048 | 31.216 |

|    |         |        |         |        |         |         |         |        |
|----|---------|--------|---------|--------|---------|---------|---------|--------|
| #1 | -.00037 | .00293 | -.00093 | .00092 | -.00053 | -.00368 | -.00098 | .00006 |
| #2 | -.00059 | .00296 | -.00084 | .00089 | .00194  | .00090  | -.00068 | .00009 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00005 | .00456 | .00012 | .00011 | .00020 | .00142 | .00000 | .03078 |
| Stddev | .00000 | .01146 | .00008 | .00009 | .00006 | .00423 | .00002 | .00218 |
| %RSD   | 1.1478 | 251.41 | 67.433 | 80.996 | 31.081 | 298.61 | 355.98 | 7.0881 |

|    |         |         |         |        |        |         |         |        |
|----|---------|---------|---------|--------|--------|---------|---------|--------|
| #1 | -.00005 | .01267  | -.00018 | .00005 | .00015 | -.00157 | -.00001 | .02923 |
| #2 | -.00005 | -.00355 | -.00006 | .00017 | .00024 | .00440  | .00002  | .03232 |

|        |        |        |         |        |        |        |        |        |
|--------|--------|--------|---------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895  | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00029 | .00009 | F1.0048 | .00015 | .00072 | .09645 | .00032 | .00218 |
| Stddev | .00047 | .00004 | .0669   | .00022 | .00003 | .00711 | .00018 | .00086 |
| %RSD   | 163.98 | 47.947 | 6.6594  | 143.78 | 4.8670 | 7.3698 | 56.761 | 39.547 |

|    |         |         |        |         |         |        |        |         |
|----|---------|---------|--------|---------|---------|--------|--------|---------|
| #1 | .00005  | -.00006 | 1.0522 | -.00031 | -.00069 | .10147 | .00044 | -.00157 |
| #2 | -.00062 | -.00012 | .95752 | .00000  | -.00074 | .09142 | .00019 | -.00279 |

|        |         |        |        |        |        |        |        |  |
|--------|---------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820  | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | F.01590 | .01337 | .00049 | .00247 | .00063 | .0009  | .00010 |  |
| Stddev | .00341  | .00054 | .00033 | .00150 | .00004 | .0003  | .00002 |  |
| %RSD   | 21.458  | 4.0255 | 67.578 | 60.875 | 6.0555 | 37.55  | 15.733 |  |

|    |        |         |         |        |         |       |        |  |
|----|--------|---------|---------|--------|---------|-------|--------|--|
| #1 | .01831 | -.01375 | -.00025 | .00353 | -.00066 | .0011 | .00009 |  |
| #2 | .01349 | -.01299 | -.00072 | .00140 | -.00060 | .0006 | .00012 |  |

Sample Name: PB97476BL      Acquired: 3/9/2017 17:04:25      Type: Unk  
Method: P4-ICP2(v1919)      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       | 3601.9  | 52766.  | 7888.3  | 104.56 | 4045.5 |
| Stddev    | 9.4     | 214.    | 19.8    | .45    | 2.5    |
| %RSD      | .26160  | .34096  | .25156  | .43342 | .06179 |
| #1        | 3595.2  | 62615.  | 7874.3  | 104.88 | 4047.3 |
| #2        | 3608.6  | 62917.  | 7902.4  | 104.24 | 4043.8 |

Sample Name: PB97476BS      Acquired: 3/9/2017 17:08:36      Type: Unk  
Method: P4-ICP2(v1919)      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    | .70855 | 1.7632 | .84289 | 1.7821 | .73045 | 1.7336 | .19905 | .18415 |
| Stddev | .00445 | .0072  | .00034 | .0012  | .00022 | .0009  | .00324 | .00002 |
| %RSD   | .62822 | .40992 | .04011 | .06786 | .02989 | .05129 | 1.6264 | .01239 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .70540 | 1.7683 | .84265 | 1.7812 | .73060 | 1.7342 | .19676 | .18416 |
| #2 | .71169 | 1.7581 | .84313 | 1.7829 | .73030 | 1.7330 | .20134 | .18413 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .16836 | .98586 | .36229 | .17450 | .28780 | 2.7345 | .19574 | 1.9278 |
| Stddev | .00013 | .02039 | .00034 | .00019 | .00039 | .0601  | .00004 | .0424  |
| %RSD   | .07462 | 2.0684 | .09376 | .10696 | .13491 | 2.1967 | .01944 | 2.1980 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .16845 | .97144 | .36205 | .17436 | .28752 | 2.6920 | .19577 | 1.8979 |
| #2 | .16827 | 1.0003 | .36253 | .17463 | .28807 | 2.7769 | .19571 | 1.9578 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .43384 | .06554 | 3.2101 | .27924 | .18667 | 9.6555 | .38824 | .27590 |
| Stddev | .00068 | .00016 | .0251  | .00088 | .00158 | .1288  | .00054 | .01441 |
| %RSD   | .15680 | .24465 | .78069 | .31367 | .84659 | 1.3337 | .13852 | 5.2221 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .43433 | .06565 | 3.1923 | .27862 | .18555 | 9.5644 | .38786 | .26572 |
| #2 | .43336 | .06542 | 3.2278 | .27985 | .18779 | 9.7466 | .38863 | .28609 |

|        |          |        |        |        |        |        |        |  |
|--------|----------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820   | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm      | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | F .00620 | .86401 | .60967 | .19107 | .19839 | 4.848  | .19009 |  |
| Stddev | .00059   | .00781 | .00170 | .00369 | .00302 | .004   | .00259 |  |
| %RSD   | 9.4815   | .90398 | .27964 | 1.9329 | 1.5209 | .0805  | 1.3601 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | .00662 | .85849 | .61088 | .18846 | .19626 | 4.845 | .18826 |  |
| #2 | .00579 | .86954 | .60847 | .19368 | .20052 | 4.850 | .19192 |  |

Sample Name: PB97476BS      Acquired: 3/9/2017 17:08:36      Type: Unk  
Method: P4-ICP2(v1919)      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       | 3573.5  | 51912.  | 7789.0  | 104.74 | 4007.7 |
| Stddev    | 6.5     | 150.    | 84.0    | .81    | 9.2    |
| %RSD      | .18081  | .24191  | 1.0781  | .77526 | .22953 |
| #1        | 3568.9  | 61806.  | 7848.4  | 105.31 | 4001.2 |
| #2        | 3578.1  | 62018.  | 7729.6  | 104.16 | 4014.2 |

Sample Name: CCV06      Acquired: 3/9/2017 17:12:32      Type: Unk  
Method: P4-ICP2(v1919)      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 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.7197 | 4.6157 | 4.5370 | 4.7986 | 4.7511 | 9.3723 | 9.8468 | 24065  |
| Stddev | .0089  | .0107  | .0054  | .0022  | .0109  | .0007  | .0075  | .00084 |
| %RSD   | .18838 | .23117 | .11951 | .04622 | .22917 | .00715 | .07646 | .34801 |

|    |        |        |        |        |        |        |        |       |
|----|--------|--------|--------|--------|--------|--------|--------|-------|
| #1 | 4.7134 | 4.6233 | 4.5409 | 4.8002 | 4.7588 | 9.3728 | 9.8415 | 24006 |
| #2 | 4.7259 | 4.6082 | 4.5332 | 4.7970 | 4.7434 | 9.3718 | 9.8521 | 24124 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.2794 | 23.785 | 92903  | 2.2888 | 1.1882 | 4.6310 | 2.4484 | 23.508 |
| Stddev | .0032  | .038   | .00568 | .0039  | .0029  | .1175  | .0080  | .025   |
| %RSD   | .14185 | .15819 | .61129 | .16830 | .24498 | 2.5365 | .32854 | .10511 |

|    |        |        |       |        |        |        |        |        |
|----|--------|--------|-------|--------|--------|--------|--------|--------|
| #1 | 2.2817 | 23.811 | 92501 | 2.2915 | 1.1903 | 4.5479 | 2.4427 | 23.490 |
| #2 | 2.2771 | 23.758 | 93304 | 2.2860 | 1.1861 | 4.7140 | 2.4541 | 23.525 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.3027 | 1.1793 | 22.984 | 2.4021 | 2.3286 | 24.531 | 4.8324 | 4.6140 |
| Stddev | .0078  | .0024  | .011   | .0050  | .0602  | .005   | .0079  | .0144  |
| %RSD   | .33680 | .20419 | .04736 | .20637 | 2.5847 | .02215 | .16370 | .31194 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.3081 | 1.1776 | 22.976 | 2.3986 | 2.2861 | 24.535 | 4.8380 | 4.6038 |
| #2 | 2.2972 | 1.1810 | 22.991 | 2.4056 | 2.3712 | 24.527 | 4.8268 | 4.6242 |

|        |        |          |        |        |        |        |        |  |
|--------|--------|----------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881   | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm      | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | 4.6197 | F 4.4875 | 4.5678 | 4.7236 | 4.9807 | 4.649  | 4.7761 |  |
| Stddev | .0113  | .0046    | .0016  | .0013  | .0156  | .009   | .0507  |  |
| %RSD   | .24444 | .10186   | .03505 | .02736 | .31356 | .1943  | 1.0615 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | 4.6277 | 4.4907 | 4.5667 | 4.7227 | 4.9918 | 4.656 | 4.8119 |  |
| #2 | 4.6117 | 4.4843 | 4.5690 | 4.7245 | 4.9697 | 4.643 | 4.7402 |  |

Sample Name: CCV06      Acquired: 3/9/2017 17:12:32      Type: Unk  
Method: P4-ICP2(v1919)      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       | 3406.0  | 58897.  | 7807.8  | 101.77 | 3555.3 |
| Stddev    | 4.8     | 88.     | 9.8     | 2.41   | 11.2   |
| %RSD      | .14066  | .14955  | .12596  | 2.3727 | .31577 |
| #1        | 3402.6  | 58835.  | 7800.9  | 103.48 | 3547.4 |
| #2        | 3409.4  | 58959.  | 7814.8  | 100.07 | 3563.2 |

Sample Name: CCB06      Acquired: 3/9/2017 17:16:35      Type: Unk  
Method: P4-ICP2(v1919)      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    | .00081 | .00364 | .00194 | .00231 | .00248 | .00367 | .00066 | .00010 |
| Stddev | .00027 | .00024 | .00053 | .00296 | .00042 | .00030 | .00025 | .00001 |
| %RSD   | 33.326 | 6.4834 | 27.589 | 128.28 | 16.968 | 8.2684 | 37.612 | 11.802 |

|    |        |        |         |        |        |        |         |        |
|----|--------|--------|---------|--------|--------|--------|---------|--------|
| #1 | .00100 | .00381 | -.00231 | .00440 | .00278 | .00345 | -.00048 | .00011 |
| #2 | .00062 | .00348 | -.00156 | .00021 | .00218 | .00388 | -.00083 | .00009 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00006 | .00223 | .00019 | .00012 | .00036 | .00392 | .00001 | .02694 |
| Stddev | .00010 | .00109 | .00051 | .00005 | .00070 | .01230 | .00001 | .00395 |
| %RSD   | 175.53 | 48.777 | 262.23 | 43.853 | 192.51 | 313.62 | 147.38 | 14.670 |

|    |         |        |         |        |         |         |         |        |
|----|---------|--------|---------|--------|---------|---------|---------|--------|
| #1 | .00001  | .00300 | -.00017 | .00016 | -.00013 | -.01262 | -.00002 | .02414 |
| #2 | -.00013 | .00146 | .00056  | .00009 | .00086  | .00478  | .00000  | .02973 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00019 | .00008 | .40078 | .00019 | .00110 | .04544 | .00163 | .00438 |
| Stddev | .00014 | .00031 | .00594 | .00001 | .00009 | .00680 | .00037 | .00678 |
| %RSD   | 74.443 | 364.27 | 1.4815 | 3.6063 | 8.2685 | 14.963 | 22.978 | 154.60 |

|    |         |         |        |         |         |        |        |         |
|----|---------|---------|--------|---------|---------|--------|--------|---------|
| #1 | -.00028 | -.00030 | .40498 | -.00020 | -.00103 | .05025 | .00189 | -.00918 |
| #2 | -.00009 | .00013  | .39659 | -.00019 | -.00116 | .04064 | .00137 | .00041  |

|        |          |        |        |        |        |        |        |  |
|--------|----------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820   | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm      | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | F .00537 | .01075 | .00189 | .00230 | .00027 | .0005  | .00005 |  |
| Stddev | .00289   | .00009 | .00033 | .00015 | .00011 | .0003  | .00001 |  |
| %RSD   | 53.787   | .87026 | 17.487 | 6.5505 | 41.207 | 53.67  | 15.065 |  |

|    |        |         |        |        |        |       |        |  |
|----|--------|---------|--------|--------|--------|-------|--------|--|
| #1 | .00333 | -.01082 | .00166 | .00241 | .00035 | .0007 | .00006 |  |
| #2 | .00742 | -.01069 | .00212 | .00219 | .00019 | .0003 | .00005 |  |



Sample Name: CCB06      Acquired: 3/9/2017 17:16:35      Type: Unk  
Method: P4-ICP2(v1919)      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       | 3585.3  | 52151.  | 7829.7  | 105.00 | 4024.1 |
| Stddev    | 2.2     | 169.    | 17.8    | .80    | 7.4    |
| %RSD      | .06184  | .27267  | .22693  | .76219 | .18498 |
| #1        | 3583.7  | 62031.  | 7817.1  | 104.44 | 4018.9 |
| #2        | 3586.9  | 62271.  | 7842.2  | 105.57 | 4029.4 |

Sample Name: PB97476TB      Acquired: 3/9/2017 17:20:44      Type: Unk  
Method: P4-ICP2(v1919)      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    | .00326 | .00215 | .00154 | .00399 | .00194 | .00733 | .00095 | .00006 |
| Stddev | .00119 | .00151 | .00028 | .00042 | .00182 | .00495 | .00029 | .00001 |
| %RSD   | 36.451 | 70.292 | 18.291 | 10.527 | 94.084 | 67.509 | 30.736 | 8.3062 |

|    |         |         |         |        |        |        |         |         |
|----|---------|---------|---------|--------|--------|--------|---------|---------|
| #1 | -.00242 | -.00323 | -.00174 | .00429 | .00065 | .00383 | -.00116 | -.00006 |
| #2 | -.00410 | -.00108 | -.00134 | .00370 | .00323 | .01082 | -.00075 | -.00006 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00013 | .02262 | .00017 | .00012 | .00017 | .01139 | .00036 | .02250 |
| Stddev | .00012 | .00408 | .00033 | .00003 | .00012 | .00616 | .00001 | .02226 |
| %RSD   | 93.489 | 18.050 | 200.90 | 21.104 | 66.842 | 54.035 | 3.3909 | 98.925 |

|    |         |        |         |         |         |        |        |        |
|----|---------|--------|---------|---------|---------|--------|--------|--------|
| #1 | -.00022 | .02550 | -.00007 | -.00010 | -.00026 | .00704 | .00035 | .00676 |
| #2 | -.00005 | .01973 | .00040  | -.00014 | -.00009 | .01575 | .00037 | .03824 |

|        |        |         |          |         |        |        |        |        |
|--------|--------|---------|----------|---------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280  | Na5895   | V_2924  | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm     | ppm      | ppm     | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00076 | .000005 | F 247.29 | .000003 | .00184 | .08669 | .00075 | .00237 |
| Stddev | .00007 | .00016  | .02      | .00013  | .00009 | .03616 | .00022 | .01226 |
| %RSD   | 9.3487 | 301.85  | .00803   | 419.31  | 4.6645 | 41.706 | 29.431 | 516.68 |

|    |        |         |        |         |        |        |        |         |
|----|--------|---------|--------|---------|--------|--------|--------|---------|
| #1 | .00071 | -.00017 | 247.28 | -.00012 | .00190 | .11226 | .00090 | .00630  |
| #2 | .00081 | .00006  | 247.30 | .00006  | .00178 | .06113 | .00059 | -.01104 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .00578 | .00795 | .00143 | .00346 | .00109 | .0011  | .00008 |  |
| Stddev | .00056 | .00070 | .00004 | .00055 | .00022 | .0003  | .00001 |  |
| %RSD   | 9.6105 | 8.8505 | 2.6813 | 15.951 | 19.893 | 26.48  | 12.516 |  |

|    |        |         |        |        |         |       |        |  |
|----|--------|---------|--------|--------|---------|-------|--------|--|
| #1 | .00539 | -.00845 | .00145 | .00385 | -.00094 | .0009 | .00007 |  |
| #2 | .00617 | -.00746 | .00140 | .00307 | -.00125 | .0013 | .00009 |  |

Sample Name: PB97476TB      Acquired: 3/9/2017 17:20:44      Type: Unk  
Method: P4-ICP2(v1919)      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       | 3343.8  | 57357.  | 7791.2  | 102.80 | 3495.6 |
| Stddev    | 64.0    | 70.     | 67.2    | 1.32   | 61.6   |
| %RSD      | 1.9142  | .12128  | .86314  | 1.2818 | 1.7635 |
| #1        | 3298.6  | 57406.  | 7743.6  | 101.87 | 3452.1 |
| #2        | 3389.1  | 57307.  | 7838.8  | 103.74 | 3539.2 |

Sample Name: PB97466BL      Acquired: 3/9/2017 17:25:00      Type: Unk  
Method: P4-ICP2(v1919)      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    | .00034 | .00111 | .00169 | .00157 | .00063 | .00744 | .00001 | .00006 |
| Stddev | .00019 | .00082 | .00002 | .00049 | .00058 | .00105 | .00051 | .00003 |
| %RSD   | 54.069 | 74.179 | .90736 | 31.364 | 91.081 | 14.152 | 3974.3 | 55.541 |

|    |         |        |         |        |        |         |         |        |
|----|---------|--------|---------|--------|--------|---------|---------|--------|
| #1 | -.00021 | .00169 | -.00171 | .00192 | .00022 | -.00670 | -.00035 | .00004 |
| #2 | -.00048 | .00053 | -.00168 | .00122 | .00104 | -.00819 | .00037  | .00009 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00000 | .00666 | .00003 | .00005 | .00013 | .00251 | .00002 | .04843 |
| Stddev | .0000  | .00200 | .00005 | .00004 | .00023 | .00656 | .00001 | .00685 |
| %RSD   | 6115.6 | 29.977 | 151.97 | 79.925 | 178.57 | 261.82 | 40.163 | 14.153 |

|    |         |         |         |        |         |         |        |        |
|----|---------|---------|---------|--------|---------|---------|--------|--------|
| #1 | -.00003 | -.00807 | .00000  | .00008 | .00029  | -.00213 | .00002 | .04358 |
| #2 | .00003  | -.00525 | -.00007 | .00002 | -.00003 | .00715  | .00003 | .05327 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00041 | .00001 | .33759 | .00006 | .00119 | .02294 | .00016 | .00272 |
| Stddev | .00059 | .00042 | .01634 | .00005 | .00000 | .00011 | .00017 | .00391 |
| %RSD   | 145.80 | 5343.2 | 4.8398 | 88.029 | .01388 | .47994 | 110.64 | 143.54 |

|    |         |         |        |         |         |        |        |         |
|----|---------|---------|--------|---------|---------|--------|--------|---------|
| #1 | -.00083 | -.00030 | .34914 | -.00002 | -.00119 | .02287 | .00028 | -.00549 |
| #2 | .00001  | .00029  | .32603 | -.00010 | -.00119 | .02302 | .00003 | .00004  |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .00355 | .01183 | .00011 | .00280 | .00035 | .0003  | .00001 |  |
| Stddev | .00169 | .00181 | .00006 | .00031 | .00056 | .0011  | .00003 |  |
| %RSD   | 47.525 | 15.325 | 53.799 | 11.196 | 159.04 | 406.1  | 374.17 |  |

|    |        |         |        |        |         |        |         |  |
|----|--------|---------|--------|--------|---------|--------|---------|--|
| #1 | .00474 | -.01055 | .00007 | .00303 | -.00075 | .0010  | -.00001 |  |
| #2 | .00235 | -.01311 | .00016 | .00258 | .00004  | -.0005 | .00003  |  |

Sample Name: PB97466BL      Acquired: 3/9/2017 17:25:00      Type: Unk  
Method: P4-ICP2(v1919)      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       | 3702.0  | 32670.  | 7559.3  | 38.520 | 4095.7 |
| Stddev    | 22.8    | 118.    | 33.2    | .884   | 10.8   |
| %RSD      | .61505  | .18787  | .43969  | .89716 | .26422 |
| #1        | 3685.9  | 62587.  | 7582.8  | 97.895 | 4088.0 |
| #2        | 3718.1  | 62753.  | 7535.8  | 99.145 | 4103.3 |

Sample Name: PB97466BS      Acquired: 3/9/2017 17:29:10      Type: Unk  
Method: P4-ICP2(v1919)      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    | .70347   | 1.8023 | .86287 | 1.7730 | .72476 | 1.6971 | .19794 | .18946 |
| Stddev | .00140   | .0039  | .00063 | .0025  | .00226 | .0059  | .00054 | .00098 |
| %RSD   | .19906   | .21518 | .07339 | .13972 | .31185 | .34919 | .27094 | .51955 |
| #1     | .70446   | 1.7995 | .86242 | 1.7712 | .72636 | 1.6929 | .19756 | .18876 |
| #2     | .70248   | 1.8050 | .86332 | 1.7747 | .72316 | 1.7013 | .19832 | .19015 |
| Elem   | Cd2265   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm      | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .17321   | 1.0215 | .38014 | .17728 | .29001 | 2.7731 | .20112 | 2.0084 |
| Stddev | .00017   | .0139  | .00158 | .00004 | .00017 | .0233  | .00052 | .0283  |
| %RSD   | .09807   | 1.3636 | .41628 | .02100 | .05812 | .84050 | .25792 | 1.4109 |
| #1     | .17309   | 1.0313 | .37902 | .17725 | .29013 | 2.7566 | .20076 | 1.9883 |
| #2     | .17333   | 1.0116 | .38125 | .17731 | .28989 | 2.7896 | .20149 | 2.0284 |
| Elem   | Ni2316   | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm      | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .44829   | .06770 | 3.1402 | .28848 | .19759 | 9.7052 | .39375 | .28273 |
| Stddev | .00068   | .00026 | .0091  | .00011 | .00098 | .0580  | .00004 | .00788 |
| %RSD   | .15128   | .38554 | .28842 | .03910 | .49414 | .59766 | .01017 | 2.7879 |
| #1     | .44781   | .06789 | 3.1338 | .28856 | .19690 | 9.6642 | .39372 | .27716 |
| #2     | .44877   | .06752 | 3.1466 | .28840 | .19828 | 9.7462 | .39378 | .28830 |
| Elem   | S_1820   | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |        |
| Units  | ppm      | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |        |
| Avg    | F .00539 | .93265 | .62900 | .19132 | .19659 | 4.939  | .18989 |        |
| Stddev | .00222   | .00580 | .00204 | .00156 | .00006 | .003   | .00013 |        |
| %RSD   | 41.192   | .62141 | .32493 | .81398 | .03005 | .0566  | .06774 |        |
| #1     | .00382   | .92855 | .63044 | .19022 | .19664 | 4.941  | .18980 |        |
| #2     | .00696   | .93675 | .62755 | .19242 | .19655 | 4.937  | .18998 |        |

Sample Name: PB97466BS      Acquired: 3/9/2017 17:29:10      Type: Unk  
Method: P4-ICP2(v1919)      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       | 3683.4  | 52003.  | 7487.5  | 102.67 | 4068.7 |
| Stddev    | 18.4    | 32.     | 8.0     | .45    | 13.6   |
| %RSD      | .49827  | .05220  | .10716  | .43492 | .33496 |
| #1        | 3670.4  | 61980.  | 7493.2  | 102.99 | 4059.0 |
| #2        | 3696.4  | 62026.  | 7481.8  | 102.36 | 4078.3 |

Sample Name: I2154-01      Acquired: 3/9/2017 17:33:06      Type: Unk  
Method: P4-ICP2(v1919)      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    | .03537 | .00424 | .02835 | .02836 | .00016 | 126.27 | .11507 | .00056 |
| Stddev | .00345 | .00079 | .00113 | .00001 | .00128 | .04    | .00002 | .00003 |
| %RSD   | 9.7503 | 18.726 | 4.0026 | .03119 | 787.48 | .03161 | .01587 | 6.1797 |

|    |        |        |        |        |         |        |        |        |
|----|--------|--------|--------|--------|---------|--------|--------|--------|
| #1 | .03293 | .00480 | .02755 | .02836 | .00074  | 126.24 | .11508 | .00058 |
| #2 | .03780 | .00368 | .02915 | .02835 | -.00107 | 126.29 | .11506 | .00053 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00205 | 18.015 | .17070 | .00501 | .07725 | 107.00 | .31974 | 3.6152 |
| Stddev | .00019 | .046   | .00070 | .00010 | .00082 | .50    | .00036 | .0436  |
| %RSD   | 9.2288 | .25596 | .40746 | 2.0095 | 1.0614 | .46397 | .11343 | 1.2071 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00218 | 17.982 | .17119 | .00494 | .07667 | 106.65 | .31999 | 3.5844 |
| #2 | .00191 | 18.047 | .17021 | .00508 | .07783 | 107.35 | .31948 | 3.6461 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02354 | .00430 | .67891 | .27780 | .14902 | 3.5960 | .00512 | .07124 |
| Stddev | .00046 | .00036 | .01447 | .00052 | .00079 | .0043  | .00000 | .00307 |
| %RSD   | 1.9728 | 8.4409 | 2.1309 | .18579 | .52857 | .11876 | .00407 | 4.3109 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .02321 | -.00404 | .68914 | .27816 | .14846 | 3.5990 | .00512 | .07341 |
| #2 | .02387 | -.00455 | .66868 | .27743 | .14957 | 3.5930 | .00512 | .06906 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | 2.4136 | 4.1420 | .01251 | .59471 | .02401 | 1.838  | .07018 |  |
| Stddev | .0104  | .0049  | .00107 | .00339 | .00022 | .001   | .00006 |  |
| %RSD   | .43217 | .11718 | 8.5730 | .57057 | .90152 | .0373  | .08539 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | 2.4062 | 4.1455 | .01326 | .59711 | .02417 | 1.838 | .07023 |  |
| #2 | 2.4210 | 4.1386 | .01175 | .59231 | .02386 | 1.839 | .07014 |  |



Sample Name: I2154-01      Acquired: 3/9/2017 17:33:06      Type: Unk  
Method: P4-ICP2(v1919)      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       | 3753.0  | 33941.  | 3317.2  | 102.86 | 3753.4 |
| Stddev    | 11.1    | 150.    | 13.0    | .36    | 9.0    |
| %RSD      | .29659  | .23383  | .15600  | .34995 | .24054 |
| #1        | 3745.1  | 63835.  | 8308.0  | 103.11 | 3747.0 |
| #2        | 3760.9  | 64046.  | 8326.3  | 102.60 | 3759.8 |

Sample Name: I2155-01      Acquired: 3/9/2017 17:37:13      Type: Unk  
 Method: P4-ICP2(v1919)      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    | .03047 | .00405 | .04564 | .02018 | .00013 | 32.729 | .11972 | .00051 |
| Stddev | .00014 | .00064 | .00042 | .00019 | .00152 | .435   | .00039 | .00001 |
| %RSD   | .46756 | 15.928 | .91463 | .94327 | 1201.6 | .46865 | .32277 | 2.7821 |

|    |        |        |        |        |         |        |        |        |
|----|--------|--------|--------|--------|---------|--------|--------|--------|
| #1 | .03037 | .00359 | .04535 | .02032 | -.00120 | 92.421 | .11945 | .00050 |
| #2 | .03058 | .00450 | .04594 | .02005 | .00095  | 93.036 | .12000 | .00052 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00180 | 23.047 | .13926 | .00475 | .07187 | 79.985 | .36630 | 4.3139 |
| Stddev | .00003 | .135   | .00011 | .00037 | .00056 | .000   | .00027 | .0079  |
| %RSD   | 1.8225 | .58723 | .07595 | 7.7332 | .77914 | .00010 | .07275 | .18235 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00183 | 22.952 | .13919 | .00449 | .07148 | 79.985 | .36611 | 4.3084 |
| #2 | .00178 | 23.143 | .13933 | .00501 | .07227 | 79.984 | .36649 | 4.3195 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02099 | .00280 | .74357 | .21131 | .17974 | 3.9655 | .00429 | .06577 |
| Stddev | .00025 | .00011 | .00153 | .00005 | .00046 | .0204  | .00012 | .00486 |
| %RSD   | 1.2089 | 3.8185 | .20567 | .02438 | .25839 | .51325 | 2.8016 | 7.3902 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .02117 | -.00273 | .74465 | .21127 | .18007 | 3.9511 | .00438 | .06233 |
| #2 | .02081 | -.00288 | .74249 | .21134 | .17941 | 3.9799 | .00421 | .06920 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.6063 | 4.3773 | .01391 | .55946 | .01901 | 1.784  | .08994 |
| Stddev | .0042  | .0072  | .00011 | .00597 | .00071 | .000   | .00026 |
| %RSD   | .15996 | .16543 | .82291 | 1.0662 | 3.7338 | .0150  | .28709 |

|    |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|-------|--------|
| #1 | 2.6093 | 4.3824 | .01383 | .55525 | .01851 | 1.784 | .08976 |
| #2 | 2.6034 | 4.3722 | .01399 | .56368 | .01952 | 1.784 | .09012 |

Sample Name: I2155-01      Acquired: 3/9/2017 17:37:13      Type: Unk  
Method: P4-ICP2(v1919)      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       | 3679.3  | 33314.  | 3268.5  | 103.73 | 3745.6 |
| Stddev    | 24.9    | 38.     | 7.9     | .49    | 11.2   |
| %RSD      | .67701  | .06042  | .09517  | .47203 | .29947 |
| #1        | 3661.7  | 63341.  | 8274.1  | 103.39 | 3737.7 |
| #2        | 3696.9  | 63287.  | 8262.9  | 104.08 | 3753.5 |

Sample Name: I2156-01      Acquired: 3/9/2017 17:41:15      Type: Unk  
Method: P4-ICP2(v1919)      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    | .02436 | .00286 | .04402 | .01910 | .00154 | 36.590 | .10937 | .00047 |
| Stddev | .00483 | .00110 | .00210 | .00003 | .00177 | .393   | .00000 | .00002 |
| %RSD   | 19.840 | 38.266 | 4.7636 | .17018 | 114.83 | .45401 | .00448 | 4.5802 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .02778 | .00209 | .04253 | .01912 | .00029 | 86.868 | .10937 | .00045 |
| #2 | .02094 | .00364 | .04550 | .01908 | .00280 | 86.312 | .10937 | .00048 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00135 | 21.134 | .12567 | .00481 | .05823 | 72.589 | .42679 | 3.9600 |
| Stddev | .00015 | .111   | .00095 | .00001 | .00027 | 1.184  | .00030 | .0389  |
| %RSD   | 11.117 | .52680 | .75379 | .14818 | .45871 | 1.6310 | .07093 | .98174 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00124 | 21.055 | .12500 | .00481 | .05842 | 73.426 | .42658 | 3.9325 |
| #2 | .00146 | 21.213 | .12634 | .00482 | .05804 | 71.752 | .42701 | 3.9875 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01783 | .00352 | .66980 | .20245 | .11477 | 3.3985 | .00359 | .05703 |
| Stddev | .00047 | .00036 | .00351 | .00032 | .00190 | .0256  | .00007 | .00666 |
| %RSD   | 2.6187 | 10.333 | .52418 | .16002 | 1.6568 | .75200 | 2.0835 | 11.685 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .01750 | -.00326 | .67228 | .20222 | .11611 | 3.3805 | .00354 | .05232 |
| #2 | .01816 | -.00378 | .66732 | .20268 | .11342 | 3.4166 | .00364 | .06174 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | 1.8776 | 3.9520 | .00807 | .63752 | .01856 | 1.573  | .06836 |  |
| Stddev | .0009  | .0097  | .00084 | .00105 | .00053 | .001   | .00013 |  |
| %RSD   | .04780 | .24525 | 10.465 | .16466 | 2.8455 | .0841  | .18632 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | 1.8782 | 3.9451 | .00747 | .63826 | .01894 | 1.574 | .06827 |  |
| #2 | 1.8769 | 3.9588 | .00867 | .63678 | .01819 | 1.572 | .06845 |  |

Sample Name: I2156-01      Acquired: 3/9/2017 17:41:15      Type: Unk  
 Method: P4-ICP2(v1919)      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       | 3664.2  | 33269.  | 3232.5  | 104.24 | 3784.0 |
| Stddev    | 6.5     | 257.    | 11.5    | 1.91   | 8.3    |
| %RSD      | .17765  | .40565  | .13926  | 1.8315 | .21807 |
| #1        | 3668.8  | 63088.  | 8240.6  | 102.89 | 3778.1 |
| #2        | 3659.6  | 63450.  | 8224.4  | 105.59 | 3789.8 |

Sample Name: I2157-01      Acquired: 3/9/2017 17:45:18      Type: Unk  
 Method: P4-ICP2(v1919)      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    | .02408 | .00158 | .04835 | .01817 | .00011 | 35.885 | .12411 | .00050 |
| Stddev | .00179 | .00170 | .00056 | .00078 | .00119 | .274   | .00031 | .00007 |
| %RSD   | 7.4148 | 107.41 | 1.1652 | 4.2966 | 1111.0 | .31946 | .24792 | 13.160 |

|    |        |        |        |        |         |        |        |        |
|----|--------|--------|--------|--------|---------|--------|--------|--------|
| #1 | .02534 | .00279 | .04796 | .01762 | -.00095 | 86.079 | .12389 | .00055 |
| #2 | .02282 | .00038 | .04875 | .01872 | .00073  | 85.691 | .12433 | .00046 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00149 | 24.319 | .12681 | .00495 | .06129 | 72.827 | .48106 | 4.8271 |
| Stddev | .00009 | .114   | .00030 | .00007 | .00068 | .156   | .00023 | .0231  |
| %RSD   | 5.8965 | .46921 | .23509 | 1.3225 | 1.1062 | .21359 | .04731 | .47941 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00156 | 24.238 | .12702 | .00500 | .06177 | 72.937 | .48122 | 4.8107 |
| #2 | .00143 | 24.399 | .12660 | .00491 | .06081 | 72.717 | .48090 | 4.8435 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01986 | .00291 | .67260 | .19859 | .13906 | 3.5939 | .00335 | .06778 |
| Stddev | .00027 | .00016 | .00352 | .00032 | .00024 | .0092  | .00006 | .00513 |
| %RSD   | 1.3612 | 5.5465 | .52306 | .16068 | .17005 | .25480 | 1.8565 | 7.5751 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .02005 | -.00280 | .67011 | .19836 | .13923 | 3.5874 | .00331 | .06415 |
| #2 | .01967 | -.00303 | .67509 | .19881 | .13889 | 3.6004 | .00339 | .07141 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | 2.1306 | 4.2205 | .00701 | .64199 | .01917 | 1.683  | .07706 |  |
| Stddev | .0002  | .0096  | .00026 | .00050 | .00009 | .002   | .00024 |  |
| %RSD   | .00968 | .22844 | 3.6727 | .07793 | .48918 | .1221  | .30697 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | 2.1307 | 4.2274 | .00720 | .64163 | .01911 | 1.681 | .07723 |  |
| #2 | 2.1304 | 4.2137 | .00683 | .64234 | .01924 | 1.684 | .07690 |  |

Sample Name: I2157-01      Acquired: 3/9/2017 17:45:18      Type: Unk  
Method: P4-ICP2(v1919)      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       | 3611.7  | 32529.  | 3265.6  | 104.17 | 3719.9 |
| Stddev    | 13.7    | 4.      | 18.6    | .80    | 6.4    |
| %RSD      | .37977  | .00639  | .22530  | .76414 | .17163 |
| #1        | 3602.0  | 62526.  | 8278.8  | 103.60 | 3715.4 |
| #2        | 3621.3  | 62531.  | 8252.4  | 104.73 | 3724.4 |

Sample Name: I2158-01      Acquired: 3/9/2017 17:49:19      Type: Unk  
Method: P4-ICP2(v1919)      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    | .14368 | .06567 | F .284.07 | .26548 | -.71734 | 53.986 | 23.240 | -.00314 |
| Stddev | .00447 | .00308 | .60       | .01090 | .00686  | .411   | .008   | .00041  |
| %RSD   | 3.1101 | 4.6919 | .21254    | 4.1041 | .95595  | .76130 | .03537 | 13.043  |

|    |        |        |        |        |         |        |        |         |
|----|--------|--------|--------|--------|---------|--------|--------|---------|
| #1 | .14052 | .06785 | 283.64 | .27319 | -.71249 | 54.277 | 23.234 | -.00342 |
| #2 | .14684 | .06349 | 284.50 | .25778 | -.72219 | 53.695 | 23.246 | -.00285 |

|        |        |        |        |        |        |          |        |        |
|--------|--------|--------|--------|--------|--------|----------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404   | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm      | ppm    | ppm    |
| Avg    | .81407 | 17.512 | 33.223 | .38434 | .97670 | F 1440.7 | 11.856 | 12.329 |
| Stddev | .00394 | .090   | .557   | .00149 | .00156 | 26.1     | .040   | .037   |
| %RSD   | .48423 | .51663 | .66965 | .38732 | .16013 | 1.8083   | .33844 | .30362 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .81128 | 17.448 | 82.829 | .38329 | .97781 | 1459.1 | 11.884 | 12.303 |
| #2 | .81686 | 17.576 | 83.617 | .38539 | .97559 | 1422.3 | 11.828 | 12.355 |

|        |        |         |        |        |          |        |        |        |
|--------|--------|---------|--------|--------|----------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280  | Na5895 | V_2924 | Zn2138   | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm      | ppm    | ppm    | ppm    |
| Avg    | .53734 | -.08725 | 14.928 | 1.4602 | F 92.890 | 12.111 | .73208 | .60562 |
| Stddev | .00002 | .00333  | .028   | .0006  | 1.845    | .041   | .00314 | .02198 |
| %RSD   | .00461 | 3.8190  | .19083 | .04288 | 1.9860   | .34112 | .42824 | 3.6289 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .53736 | -.08489 | 14.908 | 1.4607 | 94.194 | 12.081 | .73430 | .62116 |
| #2 | .53733 | -.08961 | 14.948 | 1.4598 | 91.585 | 12.140 | .72986 | .59008 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | 36.663 | 3.0748 | .15455 | 7.2067 | .01935 | 9.274  | .90743 |  |
| Stddev | .039   | .0176  | .00155 | .0037  | .00072 | .009   | .00098 |  |
| %RSD   | .10691 | .57355 | 1.0037 | .05060 | 3.7254 | .0915  | .10812 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | 36.635 | 3.0623 | .15565 | 7.2042 | .01884 | 9.268 | .90674 |  |
| #2 | 36.691 | 3.0873 | .15345 | 7.2093 | .01986 | 9.280 | .90813 |  |



Sample Name: I2158-01      Acquired: 3/9/2017 17:49:19      Type: Unk  
Method: P4-ICP2(v1919)      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       | 2321.1  | 55048.  | 7565.7  | 34.759 | 2685.3 |
| Stddev    | 8.9     | 212.    | 16.7    | 1.736  | 2.7    |
| %RSD      | .38209  | .38467  | .22109  | 1.8318 | .09910 |
| #1        | 2314.8  | 54898.  | 7577.5  | 93.531 | 2683.4 |
| #2        | 2327.4  | 55198.  | 7553.8  | 95.986 | 2687.2 |

Sample Name: I2188-02      Acquired: 3/9/2017 17:53:43      Type: Unk  
Method: P4-ICP2(v1919)      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    | .11449 | .02055 | .13147 | .14939 | .00916 | 201.15 | 2.4625 | .01415 |
| Stddev | .00056 | .00066 | .01206 | .00532 | .00101 | .36    | .0047  | .00019 |
| %RSD   | .49178 | 3.2023 | 9.1705 | 3.5619 | 11.015 | .17849 | .19159 | 1.3504 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .11488 | .02008 | .14000 | .14562 | .00988 | 201.40 | 2.4659 | .01429 |
| #2 | .11409 | .02102 | .12295 | .15315 | .00845 | 200.90 | 2.4592 | .01402 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02402 | 55.093 | .32718 | .30906 | .21932 | 529.60 | 13.322 | 111.17 |
| Stddev | .00187 | .294   | .00074 | .00024 | .00245 | 14.67  | .009   | .71    |
| %RSD   | 7.7840 | .53427 | .22611 | .07901 | 1.1183 | 2.7704 | .06924 | .63697 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .02535 | 54.885 | .32666 | .30889 | .22106 | 519.22 | 13.316 | 110.67 |
| #2 | .02270 | 55.301 | .32771 | .30924 | .21759 | 539.97 | 13.329 | 111.68 |

|        |        |         |        |        |        |        |        |        |
|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280  | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .62794 | -.00841 | 10.045 | .42916 | 1.9952 | 34.083 | .00745 | .50181 |
| Stddev | .00161 | .00219  | .004   | .00092 | .0318  | .002   | .00024 | .02138 |
| %RSD   | .25700 | 26.044  | .03688 | .21484 | 1.5916 | .00706 | 3.2397 | 4.2609 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .62908 | -.00996 | 10.048 | .42851 | 1.9727 | 34.082 | .00728 | .48669 |
| #2 | .62680 | -.00686 | 10.043 | .42982 | 2.0176 | 34.085 | .00762 | .51693 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.7527 | 2.7819 | .03342 | 4.6522 | .86808 | 11.56  | .42622 |
| Stddev | .0059  | .0167  | .00030 | .0216  | .00114 | .02    | .00063 |
| %RSD   | .33600 | .60018 | .89532 | .46377 | .13119 | .1890  | .14886 |

|    |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|-------|--------|
| #1 | 1.7485 | 2.7701 | .03363 | 4.6370 | .86888 | 11.54 | .42577 |
| #2 | 1.7568 | 2.7937 | .03321 | 4.6675 | .86727 | 11.57 | .42666 |

Sample Name: I2188-02      Acquired: 3/9/2017 17:53:43      Type: Unk  
 Method: P4-ICP2(v1919)      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       | 4106.7  | 71464.  | 10029.  | 96.440 | 3078.3 |
| Stddev    | 14.2    | 239.    | 21.     | 2.347  | 5.8    |
| %RSD      | .34493  | .33465  | .21309  | 2.4336 | .18947 |
| #1        | 4096.7  | 71294.  | 10044.  | 98.100 | 3074.2 |
| #2        | 4116.7  | 71633.  | 10014.  | 94.781 | 3082.4 |

Sample Name: I2195-01      Acquired: 3/9/2017 17:57:51      Type: Unk  
Method: P4-ICP2(v1919)      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    | .07852 | .00713 | .00048 | .04668 | .00254 | 37.938 | .23646 | .00202 |
| Stddev | .00107 | .00215 | .00070 | .00044 | .00162 | .458   | .00008 | .00008 |
| %RSD   | 1.3649 | 30.156 | 146.90 | .93934 | 63.794 | .52033 | .03420 | 3.8307 |

|    |        |        |         |        |        |        |        |        |
|----|--------|--------|---------|--------|--------|--------|--------|--------|
| #1 | .07928 | .00866 | -.00098 | .04637 | .00368 | 88.262 | .23640 | .00197 |
| #2 | .07776 | .00561 | .00002  | .04699 | .00139 | 87.615 | .23651 | .00207 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00288 | .54892 | .17411 | .02465 | .10976 | 157.22 | .23022 | 3.7591 |
| Stddev | .00002 | .00302 | .00030 | .00021 | .00016 | .39    | .00031 | .0203  |
| %RSD   | .58565 | .55016 | .16946 | .83848 | .15008 | .24856 | .13501 | .54050 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00289 | .54679 | .17390 | .02479 | .10964 | 156.95 | .23000 | 3.7447 |
| #2 | .00287 | .55106 | .17432 | .02450 | .10987 | 157.50 | .23044 | 3.7734 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .05293 | .00444 | .24343 | .42126 | .24325 | 4.0180 | .00372 | .08934 |
| Stddev | .00018 | .00010 | .00523 | .00112 | .00265 | .0360  | .00008 | .00806 |
| %RSD   | .34775 | 2.1897 | 2.1481 | .26540 | 1.0913 | .89488 | 2.1766 | 9.0201 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .05280 | -.00451 | .24712 | .42047 | .24512 | 3.9926 | .00366 | .08365 |
| #2 | .05306 | -.00437 | .23973 | .42205 | .24137 | 4.0434 | .00377 | .09504 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | 1.0700 | 3.4024 | .02026 | .46531 | .05250 | 2.073  | .01738 |  |
| Stddev | .0004  | .0774  | .00008 | .00350 | .00067 | .001   | .00007 |  |
| %RSD   | .03787 | 2.2740 | .40178 | .75137 | 1.2690 | .0544  | .39294 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | 1.0697 | 3.3477 | .02020 | .46778 | .05203 | 2.074 | .01742 |  |
| #2 | 1.0703 | 3.4571 | .02032 | .46283 | .05297 | 2.072 | .01733 |  |

Sample Name: I2195-01      Acquired: 3/9/2017 17:57:51      Type: Unk  
 Method: P4-ICP2(v1919)      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       | 4110.3  | 70333.  | 9337.7  | 105.36 | 3742.6 |
| Stddev    | 8.8     | 257.    | 17.2    | .34    | 9.7    |
| %RSD      | .21373  | .36511  | .18401  | .32359 | .26010 |
| #1        | 4104.1  | 70152.  | 9349.8  | 105.60 | 3735.7 |
| #2        | 4116.5  | 70515.  | 9325.5  | 105.12 | 3749.5 |

Sample Name: CCV07      Acquired: 3/9/2017 18:01:52      Type: Unk  
Method: P4-ICP2(v1919)      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    | 4.6878 | 4.7007 | 4.6081 | 4.7524 | 4.6955 | 9.2431 | 9.7995 | 2.4368 | 2.3144 |
| Stddev | .0150  | .0067  | .0091  | .0043  | .0076  | .0194  | .0500  | .00049 | .0014  |
| %RSD   | .31903 | .14211 | .19746 | .08983 | .16084 | .20990 | .51024 | .20088 | .05964 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 4.6984 | 4.7054 | 4.6017 | 4.7554 | 4.6902 | 9.2294 | 9.8348 | 2.4403 | 2.3134 |
| #2 | 4.6772 | 4.6959 | 4.6146 | 4.7494 | 4.7008 | 9.2568 | 9.7641 | 2.4334 | 2.3154 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 24.497 | 9.5829 | 2.3075 | 1.1849 | 5.0088 | 2.4626 | 24.243 | 2.3244 | 1.2093 |
| Stddev | .033   | .00398 | .0001  | .0005  | .0488  | .0059  | .007   | .0047  | .0021  |
| %RSD   | .13496 | .41481 | .00313 | .04073 | .97339 | .23790 | .02843 | .20167 | .17597 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 24.473 | 9.6110 | 2.3074 | 1.1853 | 4.9743 | 2.4667 | 24.238 | 2.3277 | 1.2109 |
| #2 | 24.520 | 9.5548 | 2.3075 | 1.1846 | 5.0433 | 2.4584 | 24.248 | 2.3211 | 1.2078 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 23.852 | 2.4416 | 2.4972 | 24.639 | 4.8225 | 4.7794 | 4.6576 | 4.8287 | 4.6309 |
| Stddev | .024   | .0025  | .0206  | .021   | .0150  | .0078  | .0012  | .0121  | .0017  |
| %RSD   | .09865 | .10109 | .82557 | .08577 | .31168 | .16229 | .02557 | .25100 | .03626 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 23.868 | 2.4434 | 2.4826 | 24.654 | 4.8331 | 4.7849 | 4.6584 | 4.8201 | 4.6321 |
| #2 | 23.835 | 2.4399 | 2.5118 | 24.624 | 4.8118 | 4.7739 | 4.6567 | 4.8372 | 4.6298 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.7901 | 4.9531 | 4.701  | 4.8335 |
| Stddev | .0131  | .0082  | .008   | .0420  |
| %RSD   | .27275 | .16479 | .1706  | .86982 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 4.7809 | 4.9589 | 4.707 | 4.8632 |
| #2 | 4.7994 | 4.9473 | 4.695 | 4.8038 |

Sample Name: CCV07      Acquired: 3/9/2017 18:01:52      Type: Unk  
Method: P4-ICP2(v1919)      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       | 3563.4  | 30330.  | 7707.1  | 100.24 | 3675.5 |
| Stddev    | 9.7     | 302.    | 36.4    | .68    | 8.3    |
| %RSD      | .27244  | .50073  | .47277  | .67801 | .22607 |
| #1        | 3556.5  | 60116.  | 7681.3  | 100.73 | 3669.6 |
| #2        | 3570.2  | 60543.  | 7732.9  | 99.764 | 3681.3 |

Sample Name: LLCCV03      Acquired: 3/9/2017 18:40:51      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: LLCCV03      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01864 | .03831 | .00996 | .01903 | .04782 | .09156 | .09531 | .00575 | .00504 |
| Stddev | .00076 | .00039 | .00010 | .00102 | .00030 | .00734 | .00006 | .00004 | .00002 |
| %RSD   | 4.0923 | 1.0254 | .97247 | 5.3387 | .62931 | 8.0204 | .06115 | .77001 | .38110 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .01917 | .03859 | .01003 | .01831 | .04761 | .09675 | .09535 | .00571 | .00505 |
| #2 | .01810 | .03804 | .00989 | .01975 | .04803 | .08636 | .09527 | .00578 | .00502 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.8939 | .00958 | .02619 | .01939 | .11381 | .01972 | 1.8839 | .03551 | .00959 |
| Stddev | .0038  | .00032 | .00011 | .00008 | .00108 | .00008 | .0349  | .00041 | .00040 |
| %RSD   | .19903 | 3.3630 | .43071 | .41683 | .94482 | .39238 | 1.8509 | 1.1479 | 4.1387 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.8966 | .00981 | .02627 | .01945 | .11305 | .01967 | 1.8592 | .03580 | .00987 |
| #2 | 1.8913 | .00935 | .02611 | .01934 | .11457 | .01978 | 1.9086 | .03522 | .00931 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 1.9489 | .03755 | .04068 | 1.8993 | .19580 | .08632 | .01710 | .39118 | .03497 |
| Stddev | .0081  | .00013 | .00015 | .0186  | .00114 | .00295 | .00096 | .00476 | .00027 |
| %RSD   | .41484 | .35881 | .37988 | .98050 | .58249 | 3.4145 | 5.6271 | 1.2159 | .76036 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.9432 | .03745 | .04079 | 1.8861 | .19660 | .08424 | .01641 | .38781 | .03516 |
| #2 | 1.9546 | .03764 | .04057 | 1.9125 | .19499 | .08840 | .01778 | .39454 | .03478 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | .04036 | .01867 | .0169  | .02250 |
| Stddev | .00112 | .00005 | .0009  | .00017 |
| %RSD   | 2.7688 | .28745 | 5.375  | .73471 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .03957 | .01871 | .0176 | .02238 |
| #2 | .04115 | .01863 | .0163 | .02261 |



Sample Name: LLCCV03      Acquired: 3/9/2017 18:40:51      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: LLCCV03      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 3793.8  | 54307.  | 7835.0  | 103.76 | 4201.1 |
| Stddev    | 10.1    | 262.    | 63.4    | .22    | 8.5    |
| %RSD      | .26728  | .40748  | .80962  | .21374 | .20274 |
| #1        | 3786.6  | 64122.  | 7879.9  | 103.60 | 4195.1 |
| #2        | 3801.0  | 64492.  | 7790.2  | 103.91 | 4207.1 |

Sample Name: CCB07      Acquired: 3/9/2017 18:44:59      Type: Unk  
Method: P4-ICP2(v1919)      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    | .00120 | .00114 | .00125 | .00181 | .00121 | .00045 | .00013 | .00009 |
| Stddev | .00108 | .00000 | .00078 | .00136 | .00107 | .00439 | .00022 | .00001 |
| %RSD   | 89.573 | .17719 | 62.819 | 75.039 | 88.674 | 980.44 | 165.41 | 9.2920 |

|    |         |        |         |        |        |         |         |        |
|----|---------|--------|---------|--------|--------|---------|---------|--------|
| #1 | -.00044 | .00114 | -.00069 | .00276 | .00045 | -.00266 | .00029  | .00008 |
| #2 | -.00196 | .00114 | -.00180 | .00085 | .00197 | .00355  | -.00002 | .00009 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00003 | .00575 | .00018 | .00002 | .00015 | .01349 | .00015 | .01879 |
| Stddev | .00008 | .01194 | .00008 | .00040 | .00017 | .00539 | .00003 | .01467 |
| %RSD   | 248.92 | 207.60 | 45.193 | 2489.2 | 117.81 | 39.944 | 21.125 | 78.078 |

|    |         |         |        |         |        |        |        |         |
|----|---------|---------|--------|---------|--------|--------|--------|---------|
| #1 | -.00009 | .01419  | .00023 | .00027  | .00027 | .01730 | .00018 | -.02917 |
| #2 | .00003  | -.00269 | .00012 | -.00030 | .00002 | .00968 | .00013 | -.00842 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00009 | .00011 | .09955 | .00011 | .00083 | .02283 | .00001 | .01283 |
| Stddev | .00010 | .00012 | .00012 | .00044 | .00007 | .00324 | .00001 | .00909 |
| %RSD   | 119.62 | 103.40 | .12276 | 393.56 | 8.3775 | 14.176 | 220.11 | 70.895 |

|    |         |        |        |         |        |        |         |         |
|----|---------|--------|--------|---------|--------|--------|---------|---------|
| #1 | -.00001 | .00003 | .09947 | -.00042 | .00088 | .02512 | .00000  | -.01926 |
| #2 | -.00016 | .00020 | .09964 | .00020  | .00078 | .02054 | -.00001 | -.00640 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .00196 | .01009 | .00058 | .00268 | .00106 | .0006  | .00004 |  |
| Stddev | .00071 | .00092 | .00015 | .00096 | .00024 | .0003  | .00003 |  |
| %RSD   | 36.517 | 9.1674 | 26.017 | 35.985 | 22.525 | 47.40  | 79.040 |  |

|    |         |         |         |        |         |       |        |  |
|----|---------|---------|---------|--------|---------|-------|--------|--|
| #1 | -.00145 | -.00944 | -.00048 | .00336 | -.00089 | .0004 | .00002 |  |
| #2 | -.00246 | -.01074 | -.00069 | .00199 | -.00122 | .0008 | .00006 |  |

Sample Name: CCB07      Acquired: 3/9/2017 18:44:59      Type: Unk  
 Method: P4-ICP2(v1919)      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       | 3688.5  | 33073.  | 7694.5  | 102.51 | 4092.1 |
| Stddev    | 3.9     | 222.    | 7.7     | .38    | 3.7    |
| %RSD      | .10519  | .35162  | .09988  | .37313 | .09061 |
| #1        | 3685.7  | 62916.  | 7699.9  | 102.24 | 4089.5 |
| #2        | 3691.2  | 63230.  | 7689.0  | 102.78 | 4094.7 |

Sample Name: I2195-06      Acquired: 3/9/2017 18:49:09      Type: Unk  
 Method: P4-ICP2(v1919)      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    | .06059 | .00885 | -.02237 | .05320 | .00407 | 167.09 | .45827 | .00336 |
| Stddev | .00297 | .00067 | .00497  | .00184 | .00357 | .34    | .00320 | .00003 |
| %RSD   | 4.9036 | 7.6102 | 22.195  | 3.4521 | 87.577 | .20340 | .69737 | 1.0173 |

|    |        |        |         |        |        |        |        |        |
|----|--------|--------|---------|--------|--------|--------|--------|--------|
| #1 | .06269 | .00838 | -.01886 | .05450 | .00660 | 167.33 | .46053 | .00338 |
| #2 | .05848 | .00933 | -.02588 | .05190 | .00155 | 166.85 | .45601 | .00334 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00375 | 1.4592 | .19217 | .04490 | .08605 | 185.27 | .76025 | 5.9415 |
| Stddev | .00033 | .0213  | .00079 | .00050 | .00263 | 4.31   | .00116 | .0358  |
| %RSD   | 8.8332 | 1.4621 | .40981 | 1.1037 | 3.0538 | 2.3276 | .15315 | .60191 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00398 | 1.4743 | .19162 | .04455 | .08791 | 182.22 | .75943 | 5.9668 |
| #2 | .00351 | 1.4441 | .19273 | .04525 | .08419 | 188.32 | .76107 | 5.9162 |

|        |        |         |        |        |        |        |        |        |
|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280  | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .09733 | -.00823 | .20199 | .25487 | .36904 | 3.8314 | .00206 | .09122 |
| Stddev | .00005 | .00082  | .00034 | .00040 | .01028 | .0302  | .00042 | .00363 |
| %RSD   | .05562 | 9.9924  | .16621 | .15841 | 2.7869 | .78811 | 20.380 | 3.9824 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .09736 | -.00881 | .20223 | .25459 | .36177 | 3.8101 | .00176 | .08865 |
| #2 | .09729 | -.00765 | .20175 | .25516 | .37631 | 3.8528 | .00236 | .09379 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .75368 | 5.2537 | .12938 | .90531 | .05287 | 2.955  | .02505 |  |
| Stddev | .00485 | .0032  | .00088 | .00481 | .00045 | .001   | .00003 |  |
| %RSD   | .64298 | .06046 | .68315 | .53133 | .85037 | .0209  | .12319 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | .75711 | 5.2559 | .13000 | .90871 | .05318 | 2.956 | .02503 |  |
| #2 | .75026 | 5.2514 | .12875 | .90191 | .05255 | 2.955 | .02507 |  |

Sample Name: I2195-06      Acquired: 3/9/2017 18:49:09      Type: Unk  
Method: P4-ICP2(v1919)      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       | 3678.6  | 32227.  | 3298.1  | 102.99 | 3676.6 |
| Stddev    | 9.1     | 229.    | 22.7    | 2.49   | 13.5   |
| %RSD      | .24840  | .36862  | .27352  | 2.4180 | .36738 |
| #1        | 3672.2  | 62065.  | 8282.1  | 104.75 | 3667.0 |
| #2        | 3685.1  | 62389.  | 8314.1  | 101.23 | 3686.1 |

Sample Name: I2195-11      Acquired: 3/9/2017 18:53:18      Type: Unk  
 Method: P4-ICP2(v1919)      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    | .03814 | .00569 | -.00491 | .03236 | .00408 | 146.80 | .35004 | .00309 |
| Stddev | .00362 | .00100 | .00001  | .00050 | .00181 | .19    | .00092 | .00007 |
| %RSD   | 9.4885 | 17.635 | .23589  | 1.5490 | 44.211 | .12796 | .26252 | 2.1079 |

|    |        |        |         |        |        |        |        |        |
|----|--------|--------|---------|--------|--------|--------|--------|--------|
| #1 | .04070 | .00640 | -.00490 | .03272 | .00281 | 146.93 | .35069 | .00305 |
| #2 | .03558 | .00498 | -.00492 | .03201 | .00536 | 146.66 | .34939 | .00314 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00213 | .48703 | .23682 | .03086 | .07836 | 121.48 | .86709 | 3.1688 |
| Stddev | .00007 | .00290 | .00048 | .00024 | .00037 | .35    | .00065 | .0670  |
| %RSD   | 3.1151 | .59543 | .20296 | .77768 | .47508 | .28436 | .07468 | 1.0868 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00218 | .48908 | .23716 | .03103 | .07810 | 121.72 | .86754 | 6.2162 |
| #2 | .00209 | .48498 | .23648 | .03069 | .07863 | 121.24 | .86663 | 6.1214 |

|        |        |         |        |        |        |        |        |        |
|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280  | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .07928 | -.00592 | .16881 | .23383 | .20377 | 3.3744 | .00172 | .05661 |
| Stddev | .00010 | .00000  | .00045 | .00039 | .00112 | .0387  | .00017 | .00684 |
| %RSD   | .12626 | .07183  | .26524 | .16542 | .54867 | 1.1466 | 9.7335 | 12.077 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .07936 | -.00592 | .16913 | .23356 | .20456 | 3.4017 | .00160 | .05178 |
| #2 | .07921 | -.00591 | .16850 | .23411 | .20298 | 3.3470 | .00183 | .06144 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .82340 | 4.4486 | .00917 | .95044 | .04631 | 2.127  | .01067 |  |
| Stddev | .00249 | .0352  | .00138 | .00722 | .00070 | .002   | .00006 |  |
| %RSD   | .30187 | .79008 | 15.006 | .76001 | 1.5026 | .0804  | .57745 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | .82516 | 4.4735 | .01014 | .95554 | .04680 | 2.128 | .01063 |  |
| #2 | .82164 | 4.4237 | .00819 | .94533 | .04581 | 2.126 | .01072 |  |

Sample Name: I2195-11      Acquired: 3/9/2017 18:53:18      Type: Unk  
Method: P4-ICP2(v1919)      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       | 3696.4  | 32376.  | 3290.1  | 104.68 | 3731.3 |
| Stddev    | 20.2    | 108.    | 46.2    | .65    | 15.3   |
| %RSD      | .54620  | .17308  | .55742  | .62316 | .41098 |
|           |         |         |         |        |        |
| #1        | 3682.1  | 62300.  | 8257.4  | 104.22 | 3720.5 |
| #2        | 3710.6  | 62452.  | 8322.8  | 105.14 | 3742.1 |

Sample Name: I2158-02      Acquired: 3/9/2017 18:57:27      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: SB-8-1A      Custom ID2:      Custom ID3:  
Comment:

|        |        |         |        |        |        |        |        |         |
|--------|--------|---------|--------|--------|--------|--------|--------|---------|
| Elem   | As1890 | Tl1908  | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348  |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | .00750 | -.00222 | .28328 | .00299 | .00975 | .05657 | .07476 | -.00006 |
| Stddev | .00188 | .00008  | .00114 | .00213 | .00015 | .00570 | .00010 | .00006  |
| %RSD   | 25.047 | 3.5828  | .40227 | 71.227 | 1.5166 | 10.068 | .13547 | 97.512  |

|    |        |         |        |        |        |        |        |         |
|----|--------|---------|--------|--------|--------|--------|--------|---------|
| #1 | .00617 | -.00228 | .28408 | .00450 | .00965 | .05254 | .07469 | -.00002 |
| #2 | .00882 | -.00216 | .28247 | .00148 | .00986 | .06060 | .07483 | -.00010 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .03858 | 1.1153 | .19248 | .00526 | .00121 | .03305 | .64885 | .65069 |
| Stddev | .00004 | .0030  | .00045 | .00011 | .00010 | .00662 | .00012 | .04089 |
| %RSD   | .09510 | .26636 | .23521 | 2.0100 | 8.3871 | 20.020 | .01806 | 6.2836 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .03856 | 1.1174 | .19280 | .00519 | .00114 | .03773 | .64893 | .67960 |
| #2 | .03861 | 1.1132 | .19216 | .00534 | .00129 | .02837 | .64877 | .62177 |

|        |        |        |         |        |          |        |         |        |
|--------|--------|--------|---------|--------|----------|--------|---------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895  | V_2924 | Zn2138   | K_7664 | Mo2020  | B_2496 |
| Units  | ppm    | ppm    | ppm     | ppm    | ppm      | ppm    | ppm     | ppm    |
| Avg    | .00670 | .00016 | .223.72 | .00020 | F 10.654 | .54427 | -.00864 | .02250 |
| Stddev | .00027 | .00008 | .90     | .00028 | 1.061    | .02267 | .00004  | .01097 |
| %RSD   | 4.0306 | 46.768 | .40303  | 143.97 | 2.6106   | 4.1644 | .47585  | 48.730 |

|    |        |        |        |        |        |        |         |        |
|----|--------|--------|--------|--------|--------|--------|---------|--------|
| #1 | .00689 | .00011 | 223.08 | .00039 | 39.904 | .52824 | -.00861 | .01475 |
| #2 | .00651 | .00021 | 224.35 | .00000 | 41.405 | .56030 | -.00867 | .03026 |

|        |        |        |        |        |         |        |        |  |
|--------|--------|--------|--------|--------|---------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707  | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm     | ppm    | ppm    |  |
| Avg    | 4.7014 | .36113 | .00110 | .00314 | -.00054 | .0041  | .01934 |  |
| Stddev | .0022  | .00498 | .00058 | .00038 | .00053  | .0009  | .00000 |  |
| %RSD   | .04625 | 1.3799 | 52.844 | 12.148 | 99.689  | 20.84  | .01562 |  |

|    |        |        |        |        |         |       |        |  |
|----|--------|--------|--------|--------|---------|-------|--------|--|
| #1 | 4.6998 | .35760 | .00151 | .00341 | -.00091 | .0035 | .01934 |  |
| #2 | 4.7029 | .36465 | .00069 | .00287 | -.00016 | .0047 | .01933 |  |



Sample Name: I2158-02      Acquired: 3/9/2017 18:57:27      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: SB-8-1A      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 3471.9  | 58220.  | 7636.5  | 100.15 | 3662.1 |
| Stddev    | 16.9    | 329.    | 3.6     | 1.65   | 13.9   |
| %RSD      | .48605  | .56477  | .04710  | 1.6496 | .37826 |
| #1        | 3460.0  | 57987.  | 7633.9  | 101.32 | 3652.3 |
| #2        | 3483.9  | 58452.  | 7639.0  | 98.982 | 3671.9 |

Sample Name: I2160-02      Acquired: 3/9/2017 19:01:46      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: WC-B29-B35-0      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.8488 | .08422 | .00540 | .00209 | .12149 | .07871 | .15242 | .00003 |
| Stddev | .0014  | .00089 | .00052 | .00230 | .00078 | .00535 | .00022 | .00003 |
| %RSD   | .02779 | 1.0531 | 9.7232 | 109.74 | .64598 | 6.8022 | .14271 | 96.305 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 4.8478 | .08484 | .00577 | .00372 | .12204 | .07492 | .15258 | .00006 |
| #2 | 4.8497 | .08359 | .00503 | .00047 | .12093 | .08249 | .15227 | .00001 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02870 | 20.306 | .00289 | .02248 | .00162 | 3.7172 | .81849 | 1.1279 |
| Stddev | .00005 | .044   | .00002 | .00010 | .00027 | .0972  | .00360 | .0099  |
| %RSD   | .16657 | .21696 | .79894 | .44892 | 16.738 | 2.6143 | .44006 | .87503 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .02873 | 20.275 | .00291 | .02241 | .00181 | 3.6485 | .81594 | 1.1348 |
| #2 | .02866 | 20.337 | .00288 | .02255 | .00143 | 3.7859 | .82103 | 1.1209 |

|        |        |         |        |        |        |        |        |         |
|--------|--------|---------|--------|--------|--------|--------|--------|---------|
| Elem   | Ni2316 | Ag3280  | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496  |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | .01525 | -.00002 | 217.70 | .00096 | .29246 | .70077 | .00017 | -.00082 |
| Stddev | .00022 | .00028  | .37    | .00012 | .00227 | .00840 | .00029 | .00416  |
| %RSD   | 1.4332 | 1196.3  | .16919 | 12.559 | .77479 | 1.1984 | 172.55 | 506.05  |

|    |        |         |        |        |        |        |         |         |
|----|--------|---------|--------|--------|--------|--------|---------|---------|
| #1 | .01541 | -.00022 | 217.96 | .00104 | .29086 | .70671 | -.00004 | .00212  |
| #2 | .01510 | .00017  | 217.44 | .00087 | .29407 | .69483 | .00037  | -.00377 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .19273 | .30622 | .00083 | .00270 | .00006 | .0247  | .10049 |
| Stddev | .00318 | .00048 | .00009 | .00004 | .00024 | .0006  | .00005 |
| %RSD   | 1.6517 | .15695 | 10.412 | 1.5479 | 435.35 | 2.446  | .05262 |

|    |        |        |        |        |         |       |        |
|----|--------|--------|--------|--------|---------|-------|--------|
| #1 | .19498 | .30588 | .00089 | .00273 | .00023  | .0251 | .10053 |
| #2 | .19048 | .30656 | .00077 | .00267 | -.00011 | .0242 | .10046 |

Sample Name: I2160-02      Acquired: 3/9/2017 19:01:46      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: WC-B29-B35-0 Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 3560.3  | 50008.  | 7756.2  | 103.06 | 3717.3 |
| Stddev    | 12.7    | 321.    | 14.1    | .69    | 15.0   |
| %RSD      | .35635  | .53429  | .18126  | .67051 | .40391 |
| #1        | 3551.4  | 59781.  | 7746.2  | 103.55 | 3706.7 |
| #2        | 3569.3  | 60235.  | 7766.1  | 102.57 | 3728.0 |

Sample Name: I2160-04      Acquired: 3/9/2017 19:05:56      Type: Unk  
 Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: WC-B44-B45-0      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 3.1844 | .01486 | .00505 | .00329 | .29103 | .04997 | .02383 | .00002 |
| Stddev | .0103  | .00085 | .00051 | .00076 | .00128 | .00687 | .00012 | .00002 |
| %RSD   | .32377 | 5.7300 | 10.131 | 23.027 | .43910 | 13.744 | .52459 | 97.987 |

|    |        |        |        |        |        |        |        |         |
|----|--------|--------|--------|--------|--------|--------|--------|---------|
| #1 | 3.1917 | .01426 | .00541 | .00383 | .29013 | .05482 | .02374 | -.00004 |
| #2 | 3.1771 | .01546 | .00469 | .00276 | .29194 | .04511 | .02391 | -.00001 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00671 | 20.532 | .00068 | .00360 | .00325 | .09742 | .22593 | 2.0573 |
| Stddev | .00001 | .124   | .00009 | .00019 | .00038 | .00052 | .00097 | .0054  |
| %RSD   | .09987 | .60517 | 13.606 | 5.2186 | 11.712 | .53839 | .42943 | .26404 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00670 | 20.444 | .00061 | .00347 | .00298 | .09705 | .22524 | 2.0611 |
| #2 | .00671 | 20.620 | .00075 | .00373 | .00351 | .09779 | .22661 | 2.0534 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00220 | .00019 | 205.45 | .00052 | 1.9661 | .80423 | .00013 | .00427 |
| Stddev | .00039 | .00003 | 1.76   | .00001 | .0279  | .00391 | .00031 | .00218 |
| %RSD   | 17.535 | 17.030 | .85721 | 2.4163 | 1.4192 | .48617 | 238.39 | 51.064 |

|    |        |         |        |        |        |        |         |        |
|----|--------|---------|--------|--------|--------|--------|---------|--------|
| #1 | .00193 | -.00021 | 206.69 | .00051 | 1.9858 | .80700 | -.00035 | .00273 |
| #2 | .00247 | -.00017 | 204.20 | .00053 | 1.9464 | .80147 | .00009  | .00581 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .21808 | .39247 | .00132 | .00289 | .00012 | .1122  | .15089 |  |
| Stddev | .00456 | .00596 | .00032 | .00065 | .00051 | .0007  | .00032 |  |
| %RSD   | 2.0917 | 1.5175 | 24.177 | 22.598 | 414.59 | .5878  | .20974 |  |

|    |        |        |        |        |         |       |        |  |
|----|--------|--------|--------|--------|---------|-------|--------|--|
| #1 | .21485 | .38826 | .00109 | .00242 | -.00024 | .1126 | .15111 |  |
| #2 | .22130 | .39668 | .00155 | .00335 | .00049  | .1117 | .15067 |  |

Sample Name: I2160-04      Acquired: 3/9/2017 19:05:56      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: WC-B44-B45-0      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 3537.8  | 59222.  | 7755.4  | 104.39 | 3691.1 |
| Stddev    | 19.3    | 147.    | 36.3    | 1.95   | 24.0   |
| %RSD      | .54417  | .24805  | .46786  | 1.8659 | .65146 |
| #1        | 3524.2  | 59118.  | 7729.7  | 103.01 | 3674.1 |
| #2        | 3551.4  | 59326.  | 7781.0  | 105.76 | 3708.1 |

Sample Name: I2160-06      Acquired: 3/9/2017 19:10:06      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: WC-B37-B40-0      Custom ID2:      Custom ID3:  
Comment:

|        |        |         |        |         |         |        |        |         |
|--------|--------|---------|--------|---------|---------|--------|--------|---------|
| Elem   | As1890 | Tl1908  | Pb2203 | Se1960  | Sb2068  | Al3961 | Ba4934 | Be2348  |
| Units  | ppm    | ppm     | ppm    | ppm     | ppm     | ppm    | ppm    | ppm     |
| Avg    | .02160 | -.00215 | .00194 | -.00006 | -.00112 | .02780 | .08151 | -.00003 |
| Stddev | .00188 | .00097  | .00064 | .00195  | .00115  | .00039 | .00049 | .00000  |
| %RSD   | 8.6853 | 45.233  | 33.075 | 3048.7  | 102.14  | 1.3887 | .59944 | 1.6020  |

|    |        |         |        |         |         |        |        |         |
|----|--------|---------|--------|---------|---------|--------|--------|---------|
| #1 | .02293 | -.00283 | .00149 | -.00145 | -.00031 | .02808 | .08185 | -.00003 |
| #2 | .02027 | -.00146 | .00239 | .00132  | -.00194 | .02753 | .08116 | -.00003 |

|        |        |        |        |        |        |         |        |        |
|--------|--------|--------|--------|--------|--------|---------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404  | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     | ppm    | ppm    |
| Avg    | .00023 | 31.128 | .00006 | .00035 | .00244 | -.00326 | .06038 | 4.4299 |
| Stddev | .00006 | .012   | .00028 | .00014 | .00002 | .00117  | .00020 | .0229  |
| %RSD   | 24.545 | .03775 | 482.85 | 39.053 | .96099 | 35.862  | .33129 | .51690 |

|    |        |        |         |        |        |         |        |        |
|----|--------|--------|---------|--------|--------|---------|--------|--------|
| #1 | .00026 | 31.136 | -.00014 | .00025 | .00245 | -.00243 | .06052 | 4.4137 |
| #2 | .00019 | 31.120 | .00025  | .00045 | .00242 | -.00409 | .06024 | 4.4461 |

|        |        |         |        |        |        |        |        |         |
|--------|--------|---------|--------|--------|--------|--------|--------|---------|
| Elem   | Ni2316 | Ag3280  | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496  |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | .00174 | -.00003 | 224.74 | .00039 | .02005 | .37443 | .00009 | -.00065 |
| Stddev | .00010 | .00006  | 1.09   | .00025 | .00048 | .00943 | .00003 | .00620  |
| %RSD   | 5.5097 | 208.27  | .48635 | 64.957 | 2.4118 | 2.5181 | 36.105 | 957.75  |

|    |        |         |        |        |        |        |        |         |
|----|--------|---------|--------|--------|--------|--------|--------|---------|
| #1 | .00180 | -.00008 | 225.52 | .00021 | .02039 | .38110 | .00011 | .00374  |
| #2 | .00167 | .00001  | 223.97 | .00056 | .01971 | .36776 | .00007 | -.00503 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .36984 | .20725 | .00060 | .00282 | .00123 | .0144  | .07356 |
| Stddev | .00162 | .00159 | .00024 | .00040 | .00028 | .0012  | .00011 |
| %RSD   | .43924 | .76760 | 39.900 | 14.143 | 22.690 | 8.134  | .14860 |

|    |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|-------|--------|
| #1 | .36869 | .20613 | .00043 | .00254 | .00103 | .0152 | .07364 |
| #2 | .37098 | .20838 | .00077 | .00310 | .00143 | .0136 | .07348 |

Sample Name: I2160-06      Acquired: 3/9/2017 19:10:06      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: WC-B37-B40-0      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 3640.3  | 30524.  | 7886.6  | 104.61 | 3737.3 |
| Stddev    | 32.7    | 276.    | 69.2    | 2.70   | 24.8   |
| %RSD      | .89915  | .45547  | .87683  | 2.5809 | .66436 |
| #1        | 3617.1  | 60329.  | 7837.7  | 102.70 | 3719.7 |
| #2        | 3663.4  | 60719.  | 7935.5  | 106.52 | 3754.9 |

Sample Name: I2160-08      Acquired: 3/9/2017 19:14:20      Type: Unk  
 Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: WC-B41-B52-0      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .53483 | .00223 | .00553 | .00167 | .05563 | .06408 | .07779 | .00003 |
| Stddev | .00211 | .00066 | .00102 | .00044 | .00127 | .00733 | .00011 | .00002 |
| %RSD   | .39392 | 29.621 | 18.396 | 26.369 | 2.2813 | 11.439 | .13907 | 72.780 |

|    |        |        |        |        |        |        |        |         |
|----|--------|--------|--------|--------|--------|--------|--------|---------|
| #1 | .53334 | .00269 | .00481 | .00198 | .05653 | .06926 | .07786 | -.00001 |
| #2 | .53632 | .00176 | .00625 | .00136 | .05474 | .05890 | .07771 | -.00004 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00763 | 43.275 | .00101 | .00096 | .01012 | .01165 | .14116 | 4.7799 |
| Stddev | .00007 | .326   | .00045 | .00018 | .00025 | .00111 | .00004 | .1033  |
| %RSD   | .92527 | .75437 | 44.362 | 18.205 | 2.4579 | 9.5284 | .02916 | 2.1613 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00768 | 43.044 | .00133 | .00084 | .01030 | .01086 | .14113 | 4.7068 |
| #2 | .00758 | 43.506 | .00069 | .00109 | .00995 | .01243 | .14119 | 4.8529 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00485 | .00045 | 251.74 | .00098 | .31053 | 1.0360 | .00034 | .00689 |
| Stddev | .00026 | .00011 | 16.06  | .00002 | .00786 | .0167  | .00013 | .00665 |
| %RSD   | 5.2795 | 25.486 | 6.3795 | 2.5176 | 2.5299 | 1.6132 | 37.304 | 96.425 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .00467 | -.00053 | 240.39 | .00099 | .30498 | 1.0242 | .00043 | .01159 |
| #2 | .00503 | -.00037 | 263.10 | .00096 | .31609 | 1.0478 | .00025 | .00219 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .87137 | .76579 | .00072 | .00177 | .00132 | .0340  | .18144 |  |
| Stddev | .00099 | .00114 | .00131 | .00027 | .00029 | .0008  | .00059 |  |
| %RSD   | .11336 | .14948 | 180.96 | 15.177 | 21.829 | 2.465  | .32618 |  |

|    |        |        |         |        |        |       |        |  |
|----|--------|--------|---------|--------|--------|-------|--------|--|
| #1 | .87067 | .76660 | .00165  | .00196 | .00153 | .0334 | .18102 |  |
| #2 | .87207 | .76498 | -.00020 | .00158 | .00112 | .0346 | .18185 |  |



Sample Name: I2160-08      Acquired: 3/9/2017 19:14:20      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: WC-B41-B52-0      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 3130.7  | 53597.  | 7276.6  | 96.642 | 3253.9 |
| Stddev    | 12.7    | 197.    | 6.7     | 2.269  | 6.3    |
| %RSD      | .40445  | .36703  | .09271  | 2.3477 | .19396 |
| #1        | 3121.7  | 53458.  | 7281.4  | 98.246 | 3249.5 |
| #2        | 3139.6  | 53736.  | 7271.8  | 95.038 | 3258.4 |

Sample Name: I2160-10      Acquired: 3/9/2017 19:18:33      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: WC-B54-B56-0      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.3803 | .01069 | .06771 | .00006 | .97878 | .06769 | .12266 | .00001 |
| Stddev | .0066  | .00127 | .00208 | .00248 | .00011 | .00038 | .00394 | .00004 |
| %RSD   | .47868 | 11.907 | 3.0752 | 3883.4 | .01148 | .56183 | 3.2141 | 342.27 |

|    |        |        |        |         |        |        |        |         |
|----|--------|--------|--------|---------|--------|--------|--------|---------|
| #1 | 1.3757 | .00979 | .06624 | -.00182 | .97870 | .06795 | .12545 | -.00002 |
| #2 | 1.3850 | .01159 | .06918 | .00169  | .97886 | .06742 | .11987 | .00004  |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02770 | 32.296 | .00068 | .01364 | .13165 | .09043 | .65310 | 3.6222 |
| Stddev | .00023 | 1.629  | .00027 | .00018 | .00048 | .00402 | .00014 | .1399  |
| %RSD   | .81370 | 2.6144 | 39.981 | 1.3142 | .36250 | 4.4496 | .02093 | 2.1128 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .02754 | 63.448 | .00088 | .01352 | .13132 | .08758 | .65320 | 6.7211 |
| #2 | .02785 | 61.144 | .00049 | .01377 | .13199 | .09327 | .65300 | 6.5232 |

|        |        |         |        |         |        |        |        |        |
|--------|--------|---------|--------|---------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280  | Na5895 | V_2924  | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm     | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01355 | -.00041 | 262.37 | -.00008 | .45282 | .82948 | .00018 | .00026 |
| Stddev | .00007 | .00026  | 4.48   | .00002  | .00101 | .03027 | .00001 | .00222 |
| %RSD   | .49084 | 61.678  | 1.7089 | 27.960  | .22393 | 3.6498 | 5.0254 | 850.53 |

|    |        |         |        |         |        |        |        |         |
|----|--------|---------|--------|---------|--------|--------|--------|---------|
| #1 | .01350 | -.00059 | 265.54 | -.00009 | .45210 | .85089 | .00019 | -.00131 |
| #2 | .01360 | -.00023 | 259.20 | -.00006 | .45354 | .80808 | .00018 | .00183  |

|        |        |        |         |        |        |        |        |
|--------|--------|--------|---------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899  | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.1540 | .51693 | -.00016 | .00145 | .00190 | .0050  | .23484 |
| Stddev | .0085  | .01901 | .00071  | .00105 | .00007 | .0006  | .00667 |
| %RSD   | .73285 | 3.6779 | 439.16  | 72.093 | 3.8809 | 11.30  | 2.8411 |

|    |        |        |         |        |        |       |        |
|----|--------|--------|---------|--------|--------|-------|--------|
| #1 | 1.1480 | .53037 | .00034  | .00219 | .00195 | .0046 | .23956 |
| #2 | 1.1600 | .50348 | -.00066 | .00071 | .00185 | .0054 | .23012 |

Sample Name: I2160-10      Acquired: 3/9/2017 19:18:33      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: WC-B54-B56-0      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 3170.4  | 54328.  | 7225.1  | 95.877 | 3296.1 |
| Stddev    | .1      | 21.     | 178.9   | .121   | 3.9    |
| %RSD      | .00179  | .03843  | 2.4764  | .12641 | .11806 |
| #1        | 3170.5  | 54313.  | 7098.6  | 95.791 | 3298.9 |
| #2        | 3170.4  | 54343.  | 7351.6  | 95.963 | 3293.4 |

Sample Name: I2172-21      Acquired: 3/9/2017 19:22:45      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: D-38      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00355 | .00204 | .00015 | .00238 | .00052 | .03289 | .10127 | .00002 |
| Stddev | .00031 | .00006 | .00106 | .00171 | .00087 | .01277 | .00045 | .00007 |
| %RSD   | 8.7043 | 3.1432 | 716.04 | 71.847 | 168.01 | 38.836 | .44799 | 397.03 |

|    |         |         |         |        |         |        |        |         |
|----|---------|---------|---------|--------|---------|--------|--------|---------|
| #1 | -.00333 | -.00209 | -.00060 | .00117 | -.00010 | .02386 | .10094 | -.00007 |
| #2 | -.00377 | -.00200 | .00090  | .00358 | .00113  | .04192 | .10159 | .00003  |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00013 | 4.3310 | .00062 | .00084 | .00402 | .01860 | .06051 | 1.1168 |
| Stddev | .00001 | .0286  | .00006 | .00010 | .00050 | .00304 | .00024 | .0588  |
| %RSD   | 10.566 | .65957 | 8.9065 | 11.514 | 12.460 | 16.341 | .39733 | 5.2618 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | -.00012 | 4.3108 | .00066 | .00077 | .00437 | .01645 | .06068 | 1.0753 |
| #2 | -.00014 | 4.3512 | .00058 | .00091 | .00366 | .02075 | .06034 | 1.1584 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00006 | .00013 | 271.04 | .00002 | .01259 | .38506 | .00037 | .00414 |
| Stddev | .00046 | .00046 | .86    | .00030 | .00014 | .00837 | .00002 | .00092 |
| %RSD   | 807.28 | 346.18 | .31573 | 1897.2 | 1.1284 | 2.1744 | 5.9377 | 22.230 |

|    |         |         |        |         |        |        |        |        |
|----|---------|---------|--------|---------|--------|--------|--------|--------|
| #1 | -.00027 | -.00046 | 270.44 | .00023  | .01249 | .37913 | .00038 | .00479 |
| #2 | .00038  | .00019  | 271.65 | -.00020 | .01269 | .39098 | .00035 | .00349 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .11714 | .19032 | .00134 | .00351 | .00042 | .0046  | .01276 |
| Stddev | .00298 | .00234 | .00014 | .00038 | .00014 | .0005  | .00013 |
| %RSD   | 2.5441 | 1.2285 | 10.379 | 10.870 | 33.118 | 10.50  | 1.0460 |

|    |        |        |        |        |         |       |        |
|----|--------|--------|--------|--------|---------|-------|--------|
| #1 | .11503 | .19197 | .00124 | .00378 | -.00032 | .0050 | .01267 |
| #2 | .11925 | .18866 | .00143 | .00324 | -.00052 | .0043 | .01286 |

Sample Name: I2172-21      Acquired: 3/9/2017 19:22:45      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: D-38      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 3198.8  | 54137.  | 7221.2  | 95.523 | 3290.6 |
| Stddev    | 29.7    | 351.    | 34.1    | 1.536  | 11.0   |
| %RSD      | .92786  | .64812  | .47220  | 1.6084 | .33542 |
| #1        | 3177.8  | 53888.  | 7245.4  | 96.609 | 3282.8 |
| #2        | 3219.7  | 54385.  | 7197.1  | 94.436 | 3298.4 |

Sample Name: I2172-22      Acquired: 3/9/2017 19:27:00      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: D-41      Custom ID2:      Custom ID3:  
Comment:

|        |        |         |         |        |        |        |        |        |
|--------|--------|---------|---------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908  | Pb2203  | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm     | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00008 | -.00312 | -.00054 | .00111 | .00107 | .03647 | .08777 | .00001 |
| Stddev | .00181 | .00088  | .00073  | .00003 | .00020 | .01005 | .00080 | .00000 |
| %RSD   | 2165.4 | 28.306  | 136.28  | 3.0552 | 18.368 | 27.568 | .91626 | 44.743 |

|    |         |         |         |        |        |        |        |        |
|----|---------|---------|---------|--------|--------|--------|--------|--------|
| #1 | .00136  | -.00374 | -.00105 | .00109 | .00121 | .04357 | .08720 | .00001 |
| #2 | -.00119 | -.00249 | -.00002 | .00114 | .00093 | .02936 | .08834 | .00001 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00002 | 3.8530 | .00068 | .00049 | .00108 | .02795 | .06142 | 1.0532 |
| Stddev | .00003 | .0049  | .00006 | .00004 | .00034 | .00423 | .00018 | .0050  |
| %RSD   | 129.06 | .12746 | 8.0513 | 8.2476 | 31.847 | 15.121 | .29004 | .47519 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00000 | 3.8565 | .00064 | .00052 | .00084 | .03094 | .06130 | 1.0567 |
| #2 | .00004 | 3.8496 | .00072 | .00046 | .00132 | .02497 | .06155 | 1.0496 |

|        |        |         |        |        |        |        |        |        |
|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280  | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00053 | -.00032 | 259.48 | .00020 | .00844 | .34828 | .00007 | .00590 |
| Stddev | .00013 | .00002  | .89    | .00020 | .00015 | .02182 | .00011 | .00129 |
| %RSD   | 24.362 | 6.5878  | .34404 | 101.99 | 1.7639 | 6.2665 | 153.80 | 21.937 |

|    |        |         |        |        |        |        |         |        |
|----|--------|---------|--------|--------|--------|--------|---------|--------|
| #1 | .00044 | -.00034 | 260.11 | .00034 | .00854 | .33285 | -.00001 | .00681 |
| #2 | .00063 | -.00031 | 258.85 | .00006 | .00833 | .36371 | .00015  | .00498 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .09333 | .19631 | .00052 | .00311 | .00131 | .0032  | .01032 |  |
| Stddev | .00091 | .00388 | .00038 | .00001 | .00028 | .0002  | .00016 |  |
| %RSD   | .97682 | 1.9782 | 73.326 | .46488 | 20.992 | 5.960  | 1.5114 |  |

|    |        |        |        |        |         |       |        |  |
|----|--------|--------|--------|--------|---------|-------|--------|--|
| #1 | .09397 | .19906 | .00078 | .00312 | -.00112 | .0031 | .01043 |  |
| #2 | .09268 | .19357 | .00025 | .00310 | -.00151 | .0033 | .01021 |  |

Sample Name: I2172-22      Acquired: 3/9/2017 19:27:00      Type: Unk  
 Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: D-41      Custom ID2:      Custom ID3:  
 Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 3294.6  | 55469.  | 7245.0  | 95.834 | 3391.8 |
| Stddev    | 1.0     | 122.    | 47.4    | 1.192  | 4.2    |
| %RSD      | .03069  | .22058  | .65449  | 1.2443 | .12447 |
| #1        | 3293.8  | 55382.  | 7211.5  | 94.991 | 3388.9 |
| #2        | 3295.3  | 55555.  | 7278.6  | 96.677 | 3394.8 |

Sample Name: CCV08      Acquired: 3/9/2017 19:31:14      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV08      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |          |        |        |          |          |
|--------|--------|--------|--------|----------|--------|--------|----------|----------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960   | Sb2068 | Al3961 | Ba4934   | Be2348   |
| Units  | ppm    | ppm    | ppm    | ppm      | ppm    | ppm    | ppm      | ppm      |
| Avg    | 5.4377 | 5.3952 | 5.3001 | F 5.5302 | 5.4660 | 10.928 | F 11.338 | F .27725 |
| Stddev | .0132  | .0066  | .0004  | .0042    | .0183  | .061   | .032     | .00085   |
| %RSD   | .24344 | .12147 | .00769 | .07643   | .33520 | .55549 | .27838   | .30622   |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 5.4470 | 5.3906 | 5.3003 | 5.5332 | 5.4790 | 10.971 | 11.316 | .27665 |
| #2 | 5.4283 | 5.3999 | 5.2998 | 5.5272 | 5.4531 | 10.885 | 11.360 | .27785 |

|        |        |          |        |        |        |        |          |        |
|--------|--------|----------|--------|--------|--------|--------|----------|--------|
| Elem   | Cd2265 | Ca3736   | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576   | Mg2790 |
| Units  | ppm    | ppm      | ppm    | ppm    | ppm    | ppm    | ppm      | ppm    |
| Avg    | 2.6692 | F 27.951 | 1.0926 | 2.6684 | 1.3686 | 5.3841 | F 2.8113 | 27.406 |
| Stddev | .0048  | .169     | .0048  | .0053  | .0016  | .0444  | .0050    | .128   |
| %RSD   | .18031 | .60323   | .43747 | .20029 | .11940 | .82458 | .17603   | .46727 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.6658 | 27.832 | 1.0892 | 2.6646 | 1.3697 | 5.3527 | 2.8078 | 27.316 |
| #2 | 2.6726 | 28.070 | 1.0959 | 2.6721 | 1.3674 | 5.4155 | 2.8148 | 27.497 |

|        |        |          |          |          |        |          |          |        |
|--------|--------|----------|----------|----------|--------|----------|----------|--------|
| Elem   | Ni2316 | Ag3280   | Na5895   | V_2924   | Zn2138 | K_7664   | Mo2020   | B_2496 |
| Units  | ppm    | ppm      | ppm      | ppm      | ppm    | ppm      | ppm      | ppm    |
| Avg    | 2.6993 | F 1.3760 | F 27.702 | F 2.8131 | 2.7293 | F 28.357 | F 5.6030 | 5.4380 |
| Stddev | .0055  | .0021    | .009     | .0079    | .0084  | .047     | .0011    | .0098  |
| %RSD   | .20329 | .14932   | .03425   | .28130   | .30812 | .16450   | .01915   | .17960 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.6954 | 1.3746 | 27.696 | 2.8075 | 2.7234 | 28.324 | 5.6037 | 5.4311 |
| #2 | 2.7032 | 1.3775 | 27.709 | 2.8187 | 2.7353 | 28.390 | 5.6022 | 5.4449 |

|        |        |        |        |          |          |        |          |  |
|--------|--------|--------|--------|----------|----------|--------|----------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361   | Li6707   | P_1774 | Sr4077   |  |
| Units  | ppm    | ppm    | ppm    | ppm      | ppm      | ppm    | ppm      |  |
| Avg    | 5.4035 | 5.3170 | 5.3511 | F 5.5059 | F 5.7087 | 5.473  | F 5.5852 |  |
| Stddev | .0085  | .0330  | .0113  | .0006    | .0070    | .009   | .0063    |  |
| %RSD   | .15803 | .62041 | .21145 | .00999   | .12257   | .1554  | .11322   |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | 5.3974 | 5.2936 | 5.3431 | 5.5055 | 5.7137 | 5.467 | 5.5897 |  |
| #2 | 5.4095 | 5.3403 | 5.3591 | 5.5063 | 5.7038 | 5.479 | 5.5808 |  |



Sample Name: CCV08      Acquired: 3/9/2017 19:31:14      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV08      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 3358.1  | 57550.  | 7559.9  | 37.848 | 3449.8 |
| Stddev    | 19.0    | 154.    | 16.5    | .122   | 14.2   |
| %RSD      | .56509  | .26679  | .21847  | .12455 | .41118 |
| #1        | 3344.7  | 57441.  | 7571.6  | 97.762 | 3439.8 |
| #2        | 3371.6  | 57658.  | 7548.2  | 97.935 | 3459.8 |

Sample Name: CCB08      Acquired: 3/9/2017 19:35:14      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB08      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |         |        |        |         |         |        |
|--------|--------|--------|---------|--------|--------|---------|---------|--------|
| Elem   | As1890 | Tl1908 | Pb2203  | Se1960 | Sb2068 | Al3961  | Ba4934  | Be2348 |
| Units  | ppm    | ppm    | ppm     | ppm    | ppm    | ppm     | ppm     | ppm    |
| Avg    | .00105 | .00451 | -.00162 | .00219 | .00013 | -.00036 | -.00044 | .00010 |
| Stddev | .00100 | .00016 | .00040  | .00082 | .00012 | .00719  | .00008  | .00005 |
| %RSD   | 95.419 | 3.4512 | 24.324  | 37.382 | 93.295 | 1985.0  | 17.983  | 49.073 |

|    |        |        |         |        |        |         |         |        |
|----|--------|--------|---------|--------|--------|---------|---------|--------|
| #1 | .00034 | .00462 | -.00135 | .00277 | .00004 | -.00545 | -.00049 | .00006 |
| #2 | .00175 | .00440 | -.00190 | .00161 | .00021 | .00472  | -.00038 | .00013 |

|        |         |        |         |        |        |        |        |        |
|--------|---------|--------|---------|--------|--------|--------|--------|--------|
| Elem   | Cd2265  | Ca3736 | Cr2677  | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm     | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | -.00011 | .00438 | -.00008 | .00010 | .00011 | .00621 | .00005 | .00483 |
| Stddev | .00003  | .00262 | .00010  | .00011 | .00004 | .00079 | .00003 | .00917 |
| %RSD   | 25.867  | 59.829 | 125.08  | 109.93 | 41.993 | 12.683 | 63.741 | 189.81 |

|    |         |        |         |        |        |        |        |         |
|----|---------|--------|---------|--------|--------|--------|--------|---------|
| #1 | -.00009 | .00624 | -.00016 | .00002 | .00007 | .00566 | .00007 | -.00165 |
| #2 | -.00013 | .00253 | -.00001 | .00018 | .00014 | .00677 | .00003 | .01131  |

|        |         |         |        |         |         |        |        |         |
|--------|---------|---------|--------|---------|---------|--------|--------|---------|
| Elem   | Ni2316  | Ag3280  | Na5895 | V_2924  | Zn2138  | K_7664 | Mo2020 | B_2496  |
| Units  | ppm     | ppm     | ppm    | ppm     | ppm     | ppm    | ppm    | ppm     |
| Avg    | -.00020 | -.00029 | .09240 | -.00006 | -.00053 | .02227 | .00150 | -.00236 |
| Stddev | .00009  | .00002  | .00432 | .00006  | .00007  | .00378 | .00043 | .01301  |
| %RSD   | 42.548  | 8.1097  | 4.6718 | 95.831  | 13.376  | 16.971 | 28.719 | 551.59  |

|    |         |         |        |         |         |        |        |         |
|----|---------|---------|--------|---------|---------|--------|--------|---------|
| #1 | -.00026 | -.00027 | .09546 | -.00010 | -.00048 | .02495 | .00180 | .00684  |
| #2 | -.00014 | -.00031 | .08935 | -.00002 | -.00058 | .01960 | .00119 | -.01156 |

|        |         |         |        |        |         |        |        |
|--------|---------|---------|--------|--------|---------|--------|--------|
| Elem   | S_1820  | Si2881  | Sn1899 | Ti3361 | Li6707  | P_1774 | Sr4077 |
| Units  | ppm     | ppm     | ppm    | ppm    | ppm     | ppm    | ppm    |
| Avg    | -.00325 | -.01086 | .00122 | .00210 | -.00138 | .0018  | .00004 |
| Stddev | .00271  | .00244  | .00008 | .00053 | .00055  | .0009  | .00002 |
| %RSD   | 83.345  | 22.418  | 6.5941 | 25.165 | 39.956  | 52.62  | 53.087 |

|    |         |         |        |        |         |       |        |
|----|---------|---------|--------|--------|---------|-------|--------|
| #1 | -.00516 | -.01258 | .00128 | .00247 | -.00099 | .0011 | .00002 |
| #2 | -.00133 | -.00914 | .00116 | .00172 | -.00177 | .0024 | .00005 |

Sample Name: CCB08      Acquired: 3/9/2017 19:35:14      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB08      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 3627.9  | 32466.  | 7751.9  | 103.33 | 4046.4 |
| Stddev    | 8.3     | 61.     | 30.7    | 1.09   | 14.2   |
| %RSD      | .22918  | .09762  | .39630  | 1.0544 | .35097 |
| #1        | 3622.0  | 62509.  | 7730.2  | 102.56 | 4036.4 |
| #2        | 3633.8  | 62423.  | 7773.6  | 104.10 | 4056.5 |

Sample Name: I2172-23      Acquired: 3/9/2017 19:39:24      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: D-44      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00003 | .00177 | .00219 | .00373 | .00292 | .05471 | .09461 | .00006 |
| Stddev | .00319 | .00139 | .00027 | .00257 | .00026 | .00365 | .00010 | .00001 |
| %RSD   | 9604.3 | 78.255 | 12.291 | 68.744 | 9.0547 | 6.6736 | .10969 | 18.571 |

|    |         |         |        |        |        |        |        |        |
|----|---------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .00222  | -.00275 | .00200 | .00555 | .00311 | .05729 | .09468 | .00006 |
| #2 | -.00229 | -.00079 | .00239 | .00192 | .00273 | .05212 | .09454 | .00005 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00000 | 4.4657 | .00075 | .00117 | .00383 | 3.4215 | .53635 | .60558 |
| Stddev | .00006 | .0084  | .00009 | .00002 | .00034 | .1156  | .00088 | .01343 |
| %RSD   | 55058. | .18715 | 12.677 | 1.7573 | 8.8861 | 3.3795 | .16487 | 2.2171 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | -.00004 | 4.4597 | .00082 | .00118 | .00407 | 3.5032 | .53697 | .61507 |
| #2 | .00004  | 4.4716 | .00068 | .00116 | .00359 | 3.3397 | .53572 | .59608 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00201 | .00047 | 255.93 | .00115 | .05510 | .21112 | .00099 | .00392 |
| Stddev | .00033 | .00025 | 2.29   | .00001 | .00190 | .00123 | .00008 | .00324 |
| %RSD   | 16.281 | 53.807 | .89324 | .76607 | 3.4564 | .58150 | 7.9841 | 82.746 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .00224 | -.00065 | 254.32 | .00114 | .05645 | .21025 | .00105 | .00163 |
| #2 | .00178 | -.00029 | 257.55 | .00116 | .05376 | .21199 | .00094 | .00621 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .06756 | .25420 | .00147 | .00260 | .00099 | .0080  | .01491 |  |
| Stddev | .00209 | .00270 | .00009 | .00007 | .00099 | .0007  | .00001 |  |
| %RSD   | 3.0923 | 1.0627 | 6.2624 | 2.6308 | 99.722 | 8.390  | .10041 |  |

|    |        |        |        |        |         |       |        |  |
|----|--------|--------|--------|--------|---------|-------|--------|--|
| #1 | .06904 | .25611 | .00140 | .00256 | -.00170 | .0085 | .01490 |  |
| #2 | .06608 | .25229 | .00153 | .00265 | -.00029 | .0075 | .01492 |  |

Sample Name: I2172-23      Acquired: 3/9/2017 19:39:24      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: D-44      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 3222.6  | 54460.  | 7254.4  | 95.282 | 3341.5 |
| Stddev    | 26.5    | 84.     | 50.3    | 3.780  | 25.1   |
| %RSD      | .82261  | .15514  | .69343  | 3.9670 | .74981 |
| #1        | 3203.8  | 54400.  | 7218.9  | 92.609 | 3323.8 |
| #2        | 3241.3  | 54520.  | 7290.0  | 97.955 | 3359.2 |

Sample Name: I2172-24      Acquired: 3/9/2017 19:43:39      Type: Unk  
 Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: D-47      Custom ID2:      Custom ID3:  
 Comment:

|        |        |         |         |        |        |        |        |         |
|--------|--------|---------|---------|--------|--------|--------|--------|---------|
| Elem   | As1890 | Tl1908  | Pb2203  | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348  |
| Units  | ppm    | ppm     | ppm     | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | .00085 | -.00254 | -.00987 | .00902 | .00147 | .02524 | .11620 | -.00003 |
| Stddev | .00048 | .00052  | .00079  | .00080 | .00107 | .00589 | .00033 | .00004  |
| %RSD   | 55.907 | 20.492  | 7.9540  | 8.8730 | 72.975 | 23.344 | .28475 | 160.99  |

|    |        |         |         |        |        |        |        |         |
|----|--------|---------|---------|--------|--------|--------|--------|---------|
| #1 | .00051 | -.00217 | -.01043 | .00845 | .00071 | .02108 | .11597 | -.00006 |
| #2 | .00119 | -.00291 | -.00932 | .00959 | .00222 | .02941 | .11644 | .00000  |

|        |        |        |        |        |         |        |        |        |
|--------|--------|--------|--------|--------|---------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247  | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    |
| Avg    | .00000 | 3.1496 | .00079 | .00248 | -.00076 | 17.727 | 1.4294 | 1.0502 |
| Stddev | .0000  | .0873  | .00015 | .00026 | .00016  | .142   | .0081  | .0050  |
| %RSD   | 1192.2 | 1.0711 | 18.952 | 10.447 | 21.349  | .80276 | .56924 | .47577 |

|    |         |        |        |        |         |        |        |        |
|----|---------|--------|--------|--------|---------|--------|--------|--------|
| #1 | -.00002 | 8.0879 | .00069 | .00266 | -.00065 | 17.626 | 1.4237 | 1.0467 |
| #2 | .00002  | 8.2113 | .00090 | .00229 | -.00088 | 17.828 | 1.4352 | 1.0538 |

|        |        |         |        |        |        |        |        |        |
|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280  | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00554 | -.00107 | 274.33 | .00078 | .04814 | .31006 | .00034 | .01126 |
| Stddev | .00041 | .00014  | 3.49   | .00047 | .00053 | .00260 | .00027 | .00103 |
| %RSD   | 7.3518 | 13.499  | 1.2707 | 60.317 | 1.1070 | .83975 | 78.283 | 9.1605 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .00525 | -.00117 | 271.86 | .00045 | .04776 | .30822 | .00053 | .01053 |
| #2 | .00583 | -.00097 | 276.79 | .00112 | .04852 | .31190 | .00015 | .01199 |

|        |        |        |        |        |         |        |        |  |
|--------|--------|--------|--------|--------|---------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707  | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm     | ppm    | ppm    |  |
| Avg    | .11012 | .46922 | .00190 | .00194 | -.00022 | 1.430  | .02505 |  |
| Stddev | .00022 | .00478 | .00028 | .00027 | .00013  | .004   | .00022 |  |
| %RSD   | .20211 | 1.0191 | 14.899 | 13.874 | 60.102  | .2863  | .89478 |  |

|    |        |        |        |        |         |       |        |  |
|----|--------|--------|--------|--------|---------|-------|--------|--|
| #1 | .11027 | .46584 | .00170 | .00175 | -.00032 | 1.427 | .02489 |  |
| #2 | .10996 | .47260 | .00210 | .00214 | -.00013 | 1.433 | .02520 |  |

Sample Name: I2172-24      Acquired: 3/9/2017 19:43:39      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: D-47      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 3106.8  | 52563.  | 3966.6  | 91.677 | 3229.1 |
| Stddev    | 8.1     | 32.     | 33.2    | .534   | 2.7    |
| %RSD      | .25956  | .06085  | .47654  | .58198 | .08457 |
| #1        | 3101.1  | 52540.  | 6990.0  | 92.055 | 3227.2 |
| #2        | 3112.5  | 52585.  | 6943.1  | 91.300 | 3231.0 |

Sample Name: I2172-25      Acquired: 3/9/2017 19:47:51      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: D-49      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00093 | .00343 | .00859 | .00640 | .00072 | .03013 | .09963 | .00002 |
| Stddev | .00084 | .00013 | .00099 | .00075 | .00075 | .00149 | .00060 | .00002 |
| %RSD   | 90.644 | 3.9191 | 11.525 | 11.778 | 103.69 | 4.9321 | .60407 | 69.186 |

|    |         |         |         |        |        |        |        |         |
|----|---------|---------|---------|--------|--------|--------|--------|---------|
| #1 | -.00033 | -.00353 | -.00930 | .00693 | .00019 | .02908 | .10006 | -.00001 |
| #2 | -.00152 | -.00334 | -.00789 | .00587 | .00125 | .03118 | .09921 | -.00004 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00004 | 3.8674 | .00101 | .00169 | .00058 | 14.881 | 1.0391 | .90140 |
| Stddev | .00006 | .0207  | .00012 | .00011 | .00034 | .080   | .0043  | .01808 |
| %RSD   | 182.16 | .30070 | 12.312 | 6.8195 | 58.463 | .53585 | .41709 | 2.0058 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00008  | 6.8528 | .00092 | .00177 | .00034 | 14.937 | 1.0361 | .91418 |
| #2 | -.00001 | 6.8820 | .00110 | .00160 | .00083 | 14.825 | 1.0422 | .88861 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00378 | .00060 | 229.44 | .00068 | .04411 | .26547 | .00031 | .00442 |
| Stddev | .00004 | .00027 | .43    | .00001 | .00057 | .00777 | .00015 | .00847 |
| %RSD   | .93222 | 44.817 | .18847 | 1.9963 | 1.3032 | 2.9273 | 46.366 | 191.45 |

|    |        |         |        |        |        |        |        |         |
|----|--------|---------|--------|--------|--------|--------|--------|---------|
| #1 | .00376 | -.00078 | 229.13 | .00067 | .04451 | .27096 | .00021 | .01041  |
| #2 | .00381 | -.00041 | 229.75 | .00069 | .04370 | .25997 | .00042 | -.00156 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .08211 | .39083 | .00118 | .00281 | .00028 | 1.009  | .02091 |  |
| Stddev | .00317 | .00091 | .00059 | .00047 | .00055 | .002   | .00016 |  |
| %RSD   | 3.8584 | .23318 | 50.095 | 16.854 | 196.58 | .2103  | .76714 |  |

|    |        |        |        |        |         |       |        |  |
|----|--------|--------|--------|--------|---------|-------|--------|--|
| #1 | .07987 | .39019 | .00160 | .00314 | -.00067 | 1.010 | .02102 |  |
| #2 | .08435 | .39148 | .00076 | .00247 | .00011  | 1.007 | .02079 |  |



Sample Name: I2172-25      Acquired: 3/9/2017 19:47:51      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: D-49      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 3158.8  | 53918.  | 7200.4  | 94.409 | 3314.9 |
| Stddev    | 10.7    | 243.    | 50.4    | 1.434  | 12.1   |
| %RSD      | .33817  | .45027  | .70038  | 1.5184 | .36456 |
| #1        | 3151.3  | 53746.  | 7164.7  | 93.395 | 3306.4 |
| #2        | 3166.4  | 54090.  | 7236.0  | 95.423 | 3323.5 |

Sample Name: I2172-26      Acquired: 3/9/2017 19:52:06      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: D-51      Custom ID2:      Custom ID3:  
Comment:

|        |        |         |        |        |        |        |        |        |
|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908  | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00397 | -.00478 | .00424 | .00515 | .00061 | .29483 | .13192 | .00007 |
| Stddev | .00028 | .00069  | .00021 | .00238 | .00187 | .00729 | .00027 | .00011 |
| %RSD   | 7.1490 | 14.427  | 5.0358 | 46.256 | 308.50 | 2.4733 | .20319 | 159.98 |

|    |        |         |        |        |         |        |        |         |
|----|--------|---------|--------|--------|---------|--------|--------|---------|
| #1 | .00377 | -.00526 | .00439 | .00346 | .00193  | .28967 | .13211 | .00014  |
| #2 | .00417 | -.00429 | .00409 | .00683 | -.00072 | .29998 | .13173 | -.00001 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00016 | 5.3468 | .02454 | .00107 | .13545 | 3.0961 | .48664 | .85960 |
| Stddev | .00014 | .0111  | .00017 | .00007 | .00066 | .0126  | .00021 | .00939 |
| %RSD   | 87.495 | .20737 | .68812 | 6.1801 | .48971 | .15559 | .04292 | 1.0922 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00026 | 5.3390 | .02442 | .00112 | .13498 | 8.1050 | .48650 | .86624 |
| #2 | .00006 | 5.3547 | .02466 | .00102 | .13592 | 8.0872 | .48679 | .85296 |

|        |        |         |        |        |        |        |        |        |
|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280  | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01370 | -.00028 | 265.38 | .00188 | .19738 | .30259 | .00061 | .01150 |
| Stddev | .00017 | .00009  | .49    | .00001 | .00236 | .00238 | .00005 | .00881 |
| %RSD   | 1.2521 | 30.654  | .18350 | .75329 | 1.1971 | .78817 | 8.1815 | 76.666 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .01358 | -.00034 | 265.03 | .00187 | .19905 | .30090 | .00064 | .00526 |
| #2 | .01382 | -.00022 | 265.72 | .00189 | .19571 | .30427 | .00057 | .01773 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .16682 | .56773 | .00172 | .00814 | .00015 | .0547  | .01666 |
| Stddev | .00061 | .00240 | .00034 | .00034 | .00046 | .0023  | .00014 |
| %RSD   | .36520 | .42208 | 19.795 | 4.2338 | 302.92 | 4.226  | .85275 |

|    |        |        |        |        |         |       |        |
|----|--------|--------|--------|--------|---------|-------|--------|
| #1 | .16639 | .56603 | .00148 | .00790 | -.00018 | .0563 | .01656 |
| #2 | .16725 | .56942 | .00196 | .00839 | .00048  | .0531 | .01676 |

Sample Name: I2172-26      Acquired: 3/9/2017 19:52:06      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: D-51      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 3121.6  | 52889.  | 7074.5  | 94.080 | 3241.4 |
| Stddev    | 9.9     | 253.    | 27.4    | 1.276  | 6.4    |
| %RSD      | .31573  | .47805  | .38699  | 1.3563 | .19869 |
| #1        | 3114.6  | 52710.  | 7055.2  | 93.177 | 3236.9 |
| #2        | 3128.5  | 53067.  | 7093.9  | 94.982 | 3246.0 |

Sample Name: I2172-27      Acquired: 3/9/2017 19:56:19      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: D-53      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 | -.00278 | -.00351 | .00491 | .00053 | .03734 | .09943 | .00003 |
| Stddev | .00036 | .00209  | .00017  | .00009 | .00060 | .00334 | .00021 | .00001 |
| %RSD   | 28.833 | 75.285  | 4.7977  | 1.7981 | 114.16 | 8.9399 | .21538 | 42.384 |

|    |        |         |         |        |        |        |        |        |
|----|--------|---------|---------|--------|--------|--------|--------|--------|
| #1 | .00100 | -.00130 | -.00339 | .00484 | .00010 | .03498 | .09958 | .00004 |
| #2 | .00151 | -.00426 | -.00363 | .00497 | .00095 | .03970 | .09928 | .00002 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00010 | 4.5110 | .00127 | .00002 | .00285 | 7.1191 | .45452 | .62798 |
| Stddev | .00011 | .0040  | .00019 | .00026 | .00044 | .1498  | .00123 | .01662 |
| %RSD   | 105.03 | .08924 | 15.344 | 1566.2 | 15.341 | 2.1045 | .27041 | 2.6460 |

|    |         |        |        |         |        |        |        |        |
|----|---------|--------|--------|---------|--------|--------|--------|--------|
| #1 | -.00003 | 4.5138 | .00113 | -.00016 | .00316 | 7.0132 | .45365 | .61623 |
| #2 | -.00017 | 4.5081 | .00140 | .00020  | .00254 | 7.2251 | .45539 | .63973 |

|        |        |         |        |        |        |        |        |        |
|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280  | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00088 | -.00043 | 247.95 | .00141 | .03270 | .22013 | .00035 | .00518 |
| Stddev | .00016 | .00023  | .89    | .00016 | .00040 | .01925 | .00015 | .00835 |
| %RSD   | 18.544 | 53.902  | .35950 | 11.456 | 1.2110 | 8.7448 | 41.443 | 161.14 |

|    |        |         |        |        |        |        |        |         |
|----|--------|---------|--------|--------|--------|--------|--------|---------|
| #1 | .00100 | -.00060 | 248.58 | .00130 | .03242 | .20652 | .00025 | .01109  |
| #2 | .00077 | -.00027 | 247.32 | .00153 | .03298 | .23374 | .00045 | -.00072 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .06327 | .27844 | .00059 | .00320 | .00035 | .0294  | .01352 |  |
| Stddev | .00307 | .00408 | .00038 | .00017 | .00005 | .0005  | .00006 |  |
| %RSD   | 4.8461 | 1.4644 | 63.754 | 5.2581 | 13.596 | 1.691  | .46047 |  |

|    |        |        |        |        |         |       |        |  |
|----|--------|--------|--------|--------|---------|-------|--------|--|
| #1 | .06544 | .28132 | .00086 | .00332 | -.00031 | .0298 | .01357 |  |
| #2 | .06110 | .27555 | .00033 | .00308 | -.00038 | .0291 | .01348 |  |

Sample Name: I2172-27      Acquired: 3/9/2017 19:56:19      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: D-53      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 3306.9  | 56211.  | 7467.7  | 100.96 | 3444.7 |
| Stddev    | 9.8     | 165.    | 40.9    | 1.21   | .9     |
| %RSD      | .29667  | .29394  | .54782  | 1.2002 | .02631 |
| #1        | 3300.0  | 56094.  | 7438.8  | 101.82 | 3445.3 |
| #2        | 3313.9  | 56328.  | 7496.7  | 100.10 | 3444.0 |

Sample Name: I2172-28      Acquired: 3/9/2017 20:00:34      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: D-55      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00542 | .00154 | .00456 | .00284 | .00120 | .06308 | .07543 | .00007 |
| Stddev | .00150 | .00043 | .00037 | .00270 | .00004 | .00296 | .00032 | .00003 |
| %RSD   | 27.742 | 28.224 | 8.0534 | 95.048 | 3.1517 | 4.6939 | .41851 | 40.713 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .00648 | -.00185 | .00482 | .00093 | .00117 | .06517 | .07521 | .00005 |
| #2 | .00436 | -.00123 | .00430 | .00475 | .00123 | .06099 | .07565 | .00009 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00006 | 3.4269 | .00081 | .00006 | .00329 | .34216 | .45686 | .60269 |
| Stddev | .00006 | .0305  | .00031 | .00028 | .00002 | .01400 | .00068 | .00743 |
| %RSD   | 99.950 | .89014 | 37.617 | 499.67 | .63521 | 4.0921 | .14835 | 1.2323 |

|    |        |        |        |         |        |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|--------|
| #1 | .00002 | 3.4053 | .00060 | -.00014 | .00330 | .33226 | .45734 | .60794 |
| #2 | .00011 | 3.4485 | .00103 | .00026  | .00327 | .35207 | .45638 | .59744 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00087 | .00012 | 260.00 | .00039 | .02708 | .21655 | .00021 | .01693 |
| Stddev | .00040 | .00047 | 1.38   | .00004 | .00069 | .01386 | .00003 | .00048 |
| %RSD   | 46.172 | 404.63 | .52887 | 11.492 | 2.5400 | 6.4006 | 15.940 | 2.8633 |

|    |        |         |        |        |        |        |        |         |
|----|--------|---------|--------|--------|--------|--------|--------|---------|
| #1 | .00115 | .00044  | 259.02 | .00042 | .02757 | .20675 | .00023 | -.01727 |
| #2 | .00059 | -.00021 | 260.97 | .00036 | .02660 | .22635 | .00019 | -.01658 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .05168 | .19499 | .00130 | .00323 | .00141 | .0035  | .01162 |
| Stddev | .00200 | .00019 | .00083 | .00036 | .00114 | .0006  | .00006 |
| %RSD   | 3.8637 | .09683 | 63.875 | 11.208 | 80.553 | 17.46  | .48804 |

|    |        |        |        |        |         |       |        |
|----|--------|--------|--------|--------|---------|-------|--------|
| #1 | .05309 | .19485 | .00189 | .00298 | -.00061 | .0031 | .01158 |
| #2 | .05027 | .19512 | .00071 | .00349 | -.00221 | .0039 | .01166 |

Sample Name: I2172-28      Acquired: 3/9/2017 20:00:34      Type: Unk  
 Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: D-55      Custom ID2:      Custom ID3:  
 Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 3159.7  | 53649.  | 7152.1  | 95.509 | 3266.7 |
| Stddev    | 12.5    | 121.    | 6.5     | 2.109  | 8.4    |
| %RSD      | .39628  | .22528  | .09096  | 2.2076 | .25695 |
| #1        | 3150.9  | 53564.  | 7147.5  | 94.018 | 3260.8 |
| #2        | 3168.6  | 53735.  | 7156.7  | 97.000 | 3272.7 |

Sample Name: I2172-29      Acquired: 3/9/2017 20:04:50      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: D-57      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00096 | .00281 | .00360 | .00409 | .00068 | .04639 | .11134 | .00003 |
| Stddev | .00291 | .00121 | .00143 | .00145 | .00038 | .00327 | .00009 | .00003 |
| %RSD   | 301.32 | 42.973 | 39.740 | 35.350 | 55.977 | 7.0428 | .07960 | 96.726 |

|    |         |         |         |        |        |        |        |         |
|----|---------|---------|---------|--------|--------|--------|--------|---------|
| #1 | .00109  | -.00367 | -.00259 | .00511 | .00094 | .04408 | .11140 | -.00001 |
| #2 | -.00302 | -.00196 | -.00461 | .00307 | .00041 | .04870 | .11128 | -.00005 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00005 | 5.7392 | .00027 | .00073 | .00217 | 7.4153 | .66131 | .71521 |
| Stddev | .00004 | .0241  | .00030 | .00031 | .00052 | .0139  | .00256 | .00910 |
| %RSD   | 85.342 | .42024 | 112.53 | 42.224 | 24.058 | .18703 | .38659 | 1.2723 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00008 | 5.7221 | .00048 | .00094 | .00180 | 7.4251 | .65950 | .70877 |
| #2 | .00002 | 5.7563 | .00005 | .00051 | .00254 | 7.4055 | .66312 | .72164 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00136 | .00055 | 216.49 | .00109 | .03414 | .25325 | .00005 | .00158 |
| Stddev | .00039 | .00024 | 2.24   | .00044 | .00014 | .00718 | .00000 | .00712 |
| %RSD   | 28.435 | 43.348 | 1.0364 | 40.055 | .41891 | 2.8364 | .70883 | 450.36 |

|    |        |         |        |        |        |        |        |         |
|----|--------|---------|--------|--------|--------|--------|--------|---------|
| #1 | .00109 | -.00072 | 214.90 | .00078 | .03424 | .25833 | .00005 | .00345  |
| #2 | .00163 | -.00038 | 218.08 | .00140 | .03404 | .24817 | .00005 | -.00662 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .10935 | .32680 | .00103 | .00347 | .00037 | .1506  | .01664 |
| Stddev | .00339 | .00092 | .00071 | .00108 | .00008 | .0012  | .00003 |
| %RSD   | 3.1044 | .28257 | 68.692 | 31.213 | 22.891 | .7963  | .19246 |

|    |        |        |        |        |         |       |        |
|----|--------|--------|--------|--------|---------|-------|--------|
| #1 | .11175 | .32615 | .00053 | .00423 | -.00043 | .1515 | .01666 |
| #2 | .10695 | .32745 | .00153 | .00270 | -.00031 | .1498 | .01662 |



Sample Name: I2172-29      Acquired: 3/9/2017 20:04:50      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: D-57      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 3490.8  | 58903.  | 7767.1  | 103.84 | 3644.6 |
| Stddev    | .7      | 13.     | 21.3    | .59    | 9.0    |
| %RSD      | .01903  | .02180  | .27394  | .56644 | .24679 |
| #1        | 3490.3  | 58894.  | 7782.2  | 103.42 | 3638.2 |
| #2        | 3491.2  | 58912.  | 7752.1  | 104.25 | 3650.9 |

Sample Name: I2172-30      Acquired: 3/9/2017 20:09:04      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: D-61      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00127 | .00190 | .00328 | .00333 | .00005 | .02042 | .09702 | .00004 |
| Stddev | .00265 | .00060 | .00097 | .00065 | .00034 | .00768 | .00032 | .00006 |
| %RSD   | 208.31 | 31.534 | 29.662 | 19.440 | 721.08 | 37.628 | .32990 | 158.19 |

|    |         |         |        |        |         |        |        |        |
|----|---------|---------|--------|--------|---------|--------|--------|--------|
| #1 | -.00060 | -.00233 | .00396 | .00378 | -.00029 | .01499 | .09724 | .00009 |
| #2 | .00314  | -.00148 | .00259 | .00287 | .00020  | .02585 | .09679 | .00000 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00012 | 7.5251 | .00078 | .00040 | .00129 | 4.0350 | .55168 | .82503 |
| Stddev | .00006 | .0328  | .00009 | .00010 | .00010 | .0721  | .00005 | .01283 |
| %RSD   | 49.697 | .43549 | 11.341 | 24.162 | 7.7263 | 1.7864 | .00873 | 1.5552 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00016 | 7.5019 | .00084 | .00046 | .00136 | 4.0860 | .55172 | .81595 |
| #2 | .00008 | 7.5482 | .00072 | .00033 | .00122 | 3.9841 | .55165 | .83410 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00263 | .00022 | 257.62 | .00094 | .05289 | .20815 | .00036 | .00013 |
| Stddev | .00047 | .00037 | .37    | .00038 | .00126 | .02754 | .00041 | .00311 |
| %RSD   | 18.047 | 164.53 | .14201 | 40.190 | 2.3909 | 13.231 | 113.86 | 2479.1 |

|    |        |         |        |        |        |        |        |         |
|----|--------|---------|--------|--------|--------|--------|--------|---------|
| #1 | .00229 | -.00048 | 257.87 | .00068 | .05378 | .18868 | .00007 | .00207  |
| #2 | .00297 | .00004  | 257.36 | .00121 | .05199 | .22763 | .00064 | -.00232 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .06307 | .29600 | .00071 | .00293 | .00132 | .0343  | .01563 |  |
| Stddev | .00102 | .00307 | .00015 | .00042 | .00103 | .0011  | .00009 |  |
| %RSD   | 1.6132 | 1.0376 | 20.904 | 14.415 | 78.120 | 3.117  | .55494 |  |

|    |        |        |        |        |         |       |        |  |
|----|--------|--------|--------|--------|---------|-------|--------|--|
| #1 | .06235 | .29817 | .00060 | .00323 | -.00059 | .0336 | .01557 |  |
| #2 | .06379 | .29383 | .00081 | .00263 | -.00205 | .0351 | .01569 |  |

Sample Name: I2172-30      Acquired: 3/9/2017 20:09:04      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: D-61      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 3195.3  | 54058.  | 7191.3  | 97.830 | 3306.0 |
| Stddev    | 2.4     | 77.     | 39.3    | 2.607  | 1.2    |
| %RSD      | .07528  | .14322  | .54590  | 2.6645 | .03550 |
| #1        | 3197.0  | 54003.  | 7163.5  | 95.986 | 3306.8 |
| #2        | 3193.6  | 54112.  | 7219.0  | 99.673 | 3305.2 |

Sample Name: I2172-30DUP      Acquired: 3/9/2017 20:13:18      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: D-61DUP      Custom ID2:      Custom ID3:  
Comment:

|        |        |         |        |        |        |        |        |        |
|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908  | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00343 | -.00036 | .00225 | .00387 | .00083 | .02908 | .09593 | .00007 |
| Stddev | .00208 | .00051  | .00010 | .00009 | .00100 | .01025 | .00008 | .00002 |
| %RSD   | 60.608 | 140.19  | 4.3032 | 2.3886 | 120.48 | 35.261 | .08778 | 23.772 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .00196 | -.00073 | .00218 | .00393 | .00154 | .02183 | .09587 | .00006 |
| #2 | .00490 | .00000  | .00231 | .00380 | .00012 | .03633 | .09599 | .00008 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00014 | 7.4662 | .00019 | .00065 | .00113 | 4.1319 | .54573 | .87767 |
| Stddev | .00015 | .0258  | .00015 | .00015 | .00071 | .0675  | .00213 | .02668 |
| %RSD   | 105.77 | .34511 | 75.648 | 23.549 | 62.906 | 1.6345 | .39113 | 3.0397 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00024 | 7.4480 | .00009 | .00076 | .00063 | 4.0842 | .54423 | .85881 |
| #2 | .00004 | 7.4845 | .00030 | .00054 | .00163 | 4.1797 | .54724 | .89654 |

|        |        |         |        |        |        |        |        |         |
|--------|--------|---------|--------|--------|--------|--------|--------|---------|
| Elem   | Ni2316 | Ag3280  | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496  |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | .00238 | -.00026 | 254.48 | .00076 | .05437 | .21041 | .00008 | -.00418 |
| Stddev | .00004 | .00020  | 1.68   | .00036 | .00092 | .01266 | .00012 | .01977  |
| %RSD   | 1.7376 | 74.928  | .65956 | 47.273 | 1.6838 | 6.0169 | 150.65 | 473.30  |

|    |        |         |        |        |        |        |         |         |
|----|--------|---------|--------|--------|--------|--------|---------|---------|
| #1 | .00235 | -.00012 | 253.29 | .00051 | .05373 | .21936 | -.00001 | -.01816 |
| #2 | .00241 | -.00040 | 255.66 | .00102 | .05502 | .20146 | .00016  | .00980  |

|        |        |        |        |        |         |        |        |
|--------|--------|--------|--------|--------|---------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707  | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm     | ppm    | ppm    |
| Avg    | .06248 | .29505 | .00064 | .00206 | -.00091 | .0333  | .01552 |
| Stddev | .00205 | .00242 | .00068 | .00067 | .00018  | .0000  | .00002 |
| %RSD   | 3.2882 | .82028 | 106.16 | 32.692 | 20.245  | .1298  | .10826 |

|    |        |        |        |        |         |       |        |
|----|--------|--------|--------|--------|---------|-------|--------|
| #1 | .06103 | .29676 | .00111 | .00254 | -.00078 | .0333 | .01551 |
| #2 | .06393 | .29333 | .00016 | .00159 | -.00104 | .0334 | .01553 |

Sample Name: I2172-30DUP      Acquired: 3/9/2017 20:13:18      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: D-61DUP      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 3211.1  | 54479.  | 7253.3  | 95.375 | 3315.4 |
| Stddev    | 16.6    | 14.     | 25.3    | .820   | 8.8    |
| %RSD      | .51753  | .02500  | .34869  | .85935 | .26575 |
| #1        | 3199.4  | 54469.  | 7235.4  | 95.955 | 3309.2 |
| #2        | 3222.9  | 54488.  | 7271.2  | 94.795 | 3321.7 |

Sample Name: I2172-30LX5      Acquired: 3/9/2017 20:17:33      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: D-61      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00169 | .00006 | .00025 | .00033 | .00096 | .00200 | .01895 | .00010 |
| Stddev | .00074 | .00006 | .00042 | .00167 | .00126 | .00544 | .00025 | .00001 |
| %RSD   | 43.963 | 108.55 | 167.73 | 499.69 | 131.29 | 271.85 | 1.3349 | 12.083 |

|    |        |         |         |         |         |         |        |        |
|----|--------|---------|---------|---------|---------|---------|--------|--------|
| #1 | .00117 | -.00010 | -.00055 | -.00151 | -.00007 | -.00585 | .01877 | .00009 |
| #2 | .00222 | -.00001 | .00005  | .00085  | -.00185 | .00185  | .01913 | .00010 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00004 | 1.5007 | .00006 | .00014 | .00027 | .82990 | .10844 | .17483 |
| Stddev | .00002 | .0013  | .00020 | .00011 | .00022 | .02724 | .00000 | .01220 |
| %RSD   | 42.391 | .08946 | 339.07 | 79.103 | 81.582 | 3.2818 | .00276 | 6.9808 |

|    |        |        |         |        |        |        |        |        |
|----|--------|--------|---------|--------|--------|--------|--------|--------|
| #1 | .00005 | 1.4998 | -.00008 | .00006 | .00042 | .84915 | .10844 | .16620 |
| #2 | .00003 | 1.5017 | .00020  | .00021 | .00011 | .81064 | .10844 | .18346 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00027 | .00015 | 52.567 | .00019 | .01058 | .04911 | .00004 | .00873 |
| Stddev | .00032 | .00019 | .408   | .00000 | .00032 | .01671 | .00023 | .00048 |
| %RSD   | 119.75 | 131.45 | .77536 | 2.1881 | 3.0424 | 34.023 | 545.90 | 5.4572 |

|    |        |        |        |         |        |        |         |         |
|----|--------|--------|--------|---------|--------|--------|---------|---------|
| #1 | .00004 | .00001 | 52.855 | -.00018 | .01080 | .03730 | -.00012 | -.00839 |
| #2 | .00050 | .00028 | 52.279 | -.00019 | .01035 | .06093 | .00020  | -.00907 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .01028 | .05641 | .00062 | .00195 | .00013 | .0095  | .00311 |  |
| Stddev | .00018 | .00149 | .00013 | .00028 | .00039 | .0016  | .00007 |  |
| %RSD   | 1.7900 | 2.6456 | 20.634 | 14.241 | 297.37 | 16.57  | 2.1252 |  |

|    |        |        |         |        |         |       |        |  |
|----|--------|--------|---------|--------|---------|-------|--------|--|
| #1 | .01041 | .05747 | -.00071 | .00214 | .00014  | .0084 | .00315 |  |
| #2 | .01015 | .05536 | -.00053 | .00175 | -.00040 | .0106 | .00306 |  |

Sample Name: I2172-30LX5      Acquired: 3/9/2017 20:17:33      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: D-61      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 3405.6  | 58334.  | 7432.7  | 98.753 | 3697.8 |
| Stddev    | 1.6     | 52.     | 56.9    | 2.525  | 6.3    |
| %RSD      | .04647  | .08968  | .76537  | 2.5573 | .17126 |
| #1        | 3404.5  | 58371.  | 7392.5  | 96.967 | 3702.3 |
| #2        | 3406.7  | 58297.  | 7472.9  | 100.54 | 3693.3 |

Sample Name: CCV09      Acquired: 3/9/2017 20:21:41      Type: Unk  
Method: P4-ICP2(v1919)      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    | 5.3706 | 5.2962 | 5.1663 | 5.4718 | 5.4124 | 10.804 | F 11.041 | .27094 |
| Stddev | .0082  | .0150  | .0050  | .0113  | .0111  | .098   | .014     | .00003 |
| %RSD   | .15250 | .28399 | .09575 | .20614 | .20513 | .91110 | .12648   | .01202 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 5.3648 | 5.3068 | 5.1698 | 5.4798 | 5.4202 | 10.734 | 11.051 | .27097 |
| #2 | 5.3764 | 5.2855 | 5.1628 | 5.4639 | 5.4045 | 10.874 | 11.031 | .27092 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.5979 | 27.222 | 1.0698 | 2.6055 | 1.3499 | 5.3641 | 2.7373 | 26.725 |
| Stddev | .0004  | .054   | .0007  | .0023  | .0022  | .0175  | .0010  | .252   |
| %RSD   | .01534 | .19880 | .06915 | .08702 | .15965 | .32629 | .03636 | .94347 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.5976 | 27.183 | 1.0703 | 2.6071 | 1.3514 | 5.3518 | 2.7366 | 26.547 |
| #2 | 2.5982 | 27.260 | 1.0693 | 2.6039 | 1.3483 | 5.3765 | 2.7380 | 26.903 |

|        |        |        |        |        |        |          |          |        |
|--------|--------|--------|--------|--------|--------|----------|----------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664   | Mo2020   | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm      | ppm      | ppm    |
| Avg    | 2.6358 | 1.3525 | 27.133 | 2.7470 | 2.6628 | F 27.727 | F 5.5066 | 5.3602 |
| Stddev | .0045  | .0002  | .021   | .0035  | .0090  | .024     | .0010    | .0292  |
| %RSD   | .16983 | .01367 | .07792 | .12842 | .33831 | .08683   | .01829   | .54539 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.6389 | 1.3523 | 27.148 | 2.7495 | 2.6692 | 27.710 | 5.5073 | 5.3396 |
| #2 | 2.6326 | 1.3526 | 27.118 | 2.7445 | 2.6565 | 27.744 | 5.5059 | 5.3809 |

|        |        |        |        |        |          |        |        |  |
|--------|--------|--------|--------|--------|----------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707   | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm      | ppm    | ppm    |  |
| Avg    | 5.3148 | 5.1956 | 5.2205 | 5.4015 | F 5.5907 | 5.385  | 5.4576 |  |
| Stddev | .0145  | .0230  | .0142  | .0144  | .0202    | .017   | .0153  |  |
| %RSD   | .27282 | .44226 | .27243 | .26631 | .36138   | .3125  | .27981 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | 5.3251 | 5.2119 | 5.2305 | 5.3914 | 5.6049 | 5.397 | 5.4684 |  |
| #2 | 5.3046 | 5.1794 | 5.2104 | 5.4117 | 5.5764 | 5.373 | 5.4468 |  |



Sample Name: CCV09      Acquired: 3/9/2017 20:21:41      Type: Unk  
Method: P4-ICP2(v1919)      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       | 3375.9  | 58564.  | 7750.0  | 99.071 | 3483.6 |
| Stddev    | 5.5     | 127.    | 13.0    | .497   | 8.1    |
| %RSD      | .16223  | .21710  | .16834  | .50176 | .23308 |
| #1        | 3372.0  | 58654.  | 7740.8  | 98.719 | 3477.8 |
| #2        | 3379.8  | 58474.  | 7759.2  | 99.422 | 3489.3 |

Sample Name: LLCCV04      Acquired: 3/9/2017 20:25:42      Type: Unk  
Method: P4-ICP2(v1919)      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    | .02136 | .04260 | .00990 | .02221 | .05133 | .09937 | .10091 | .00593 | .00516 |
| Stddev | .00073 | .00170 | .00099 | .00103 | .00048 | .00550 | .00033 | .00003 | .00000 |
| %RSD   | 3.4021 | 3.9851 | 10.045 | 4.6418 | .93674 | 5.5399 | .32229 | .47705 | .08892 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .02188 | .04380 | .00920 | .02148 | .05167 | .09548 | .10114 | .00591 | .00516 |
| #2 | .02085 | .04140 | .01061 | .02294 | .05099 | .10326 | .10068 | .00595 | .00517 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.9828 | .01029 | .02725 | .02069 | .08856 | .02043 | 1.9691 | .03693 | .00996 |
| Stddev | .0001  | .00020 | .00006 | .00027 | .00870 | .00014 | .0012  | .00044 | .00029 |
| %RSD   | .00608 | 1.9547 | .23087 | 1.2921 | 9.8196 | .68114 | .06217 | 1.1869 | 2.9088 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.9828 | .01015 | .02721 | .02050 | .09470 | .02033 | 1.9683 | .03662 | .01016 |
| #2 | 1.9827 | .01044 | .02730 | .02087 | .08241 | .02053 | 1.9700 | .03724 | .00975 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.0299 | .03955 | .03786 | 1.9844 | .20999 | .08655 | .01657 | .39173 | .03877 |
| Stddev | .0107  | .00003 | .00121 | .0025  | .00066 | .00102 | .00094 | .00386 | .00046 |
| %RSD   | .52817 | .06361 | 3.1879 | .12527 | .31300 | 1.1745 | 5.6764 | .98574 | 1.1858 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.0374 | .03957 | .03701 | 1.9826 | .20952 | .08727 | .01723 | .38900 | .03910 |
| #2 | 2.0223 | .03953 | .03872 | 1.9861 | .21045 | .08583 | .01590 | .39446 | .03845 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | .04353 | .01958 | .0201  | .02392 |
| Stddev | .00014 | .00028 | .0005  | .00010 |
| %RSD   | .32441 | 1.4405 | 2.303  | .43219 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .04363 | .01978 | .0204 | .02384 |
| #2 | .04343 | .01938 | .0198 | .02399 |

Sample Name: LLCCV04      Acquired: 3/9/2017 20:25:42      Type: Unk  
Method: P4-ICP2(v1919)      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       | 3652.2  | 33196.  | 7961.2  | 105.95 | 4062.1 |
| Stddev    | .2      | 213.    | 27.5    | 3.07   | 7.6    |
| %RSD      | .00428  | .33630  | .34583  | 2.8972 | .18662 |
| #1        | 3652.1  | 63046.  | 7941.8  | 108.12 | 4056.7 |
| #2        | 3652.3  | 63347.  | 7980.7  | 103.78 | 4067.5 |

Sample Name: CCB09      Acquired: 3/9/2017 20:29:51      Type: Unk  
 Method: P4-ICP2(v1919)      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    | .00138 | .00213 | -.00165 | .00066 | .00095 | .00278 | -.00045 | .00010 |
| Stddev | .00361 | .00029 | .00055  | .00017 | .00129 | .00351 | .00000  | .00002 |
| %RSD   | 261.72 | 13.508 | 33.431  | 25.102 | 135.75 | 126.26 | .34381  | 20.740 |

|    |         |        |         |        |        |        |         |        |
|----|---------|--------|---------|--------|--------|--------|---------|--------|
| #1 | -.00117 | .00192 | -.00205 | .00054 | .00186 | .00525 | -.00045 | .00008 |
| #2 | .00393  | .00233 | -.00126 | .00077 | .00004 | .00030 | -.00046 | .00011 |

|        |         |         |        |         |        |        |        |        |
|--------|---------|---------|--------|---------|--------|--------|--------|--------|
| Elem   | Cd2265  | Ca3736  | Cr2677 | Co2286  | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm     | ppm     | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    |
| Avg    | -.00007 | -.00599 | .00002 | -.00007 | .00007 | .00855 | .00000 | .03638 |
| Stddev | .00008  | .01070  | .00020 | .00006  | .00045 | .00288 | .0001  | .01605 |
| %RSD   | 101.35  | 178.73  | 891.15 | 75.146  | 601.44 | 33.685 | 2540.7 | 44.106 |

|    |         |         |         |         |         |        |         |        |
|----|---------|---------|---------|---------|---------|--------|---------|--------|
| #1 | -.00002 | .00158  | -.00012 | -.00003 | .00039  | .00651 | .00005  | .02503 |
| #2 | -.00013 | -.01355 | .00016  | -.00011 | -.00024 | .01058 | -.00006 | .04773 |

|        |         |         |        |        |         |        |        |         |
|--------|---------|---------|--------|--------|---------|--------|--------|---------|
| Elem   | Ni2316  | Ag3280  | Na5895 | V_2924 | Zn2138  | K_7664 | Mo2020 | B_2496  |
| Units  | ppm     | ppm     | ppm    | ppm    | ppm     | ppm    | ppm    | ppm     |
| Avg    | -.00031 | -.00005 | .07251 | .00017 | -.00089 | .01999 | .00082 | -.00997 |
| Stddev | .00013  | .00011  | .00191 | .00009 | .00003  | .01402 | .00013 | .00687  |
| %RSD   | 43.769  | 230.68  | 2.6404 | 51.668 | 3.3215  | 70.130 | 15.442 | 68.891  |

|    |         |         |        |        |         |        |        |         |
|----|---------|---------|--------|--------|---------|--------|--------|---------|
| #1 | -.00021 | -.00013 | .07386 | .00023 | -.00087 | .02990 | .00091 | -.00511 |
| #2 | -.00040 | .00003  | .07115 | .00011 | -.00091 | .01008 | .00073 | -.01482 |

|        |         |         |        |        |         |        |        |
|--------|---------|---------|--------|--------|---------|--------|--------|
| Elem   | S_1820  | Si2881  | Sn1899 | Ti3361 | Li6707  | P_1774 | Sr4077 |
| Units  | ppm     | ppm     | ppm    | ppm    | ppm     | ppm    | ppm    |
| Avg    | -.00178 | -.01002 | .00085 | .00224 | -.00070 | .0015  | .00004 |
| Stddev | .00027  | .00170  | .00084 | .00052 | .00014  | .0006  | .00003 |
| %RSD   | 15.055  | 17.006  | 98.882 | 23.391 | 20.810  | 38.32  | 71.595 |

|    |         |         |        |        |         |       |        |
|----|---------|---------|--------|--------|---------|-------|--------|
| #1 | -.00159 | -.00882 | .00144 | .00187 | -.00080 | .0011 | .00005 |
| #2 | -.00197 | -.01123 | .00026 | .00261 | -.00059 | .0019 | .00002 |

Sample Name: CCB09      Acquired: 3/9/2017 20:29:51      Type: Unk  
Method: P4-ICP2(v1919)      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       | 3561.6  | 31321.  | 7705.8  | 100.31 | 3971.4 |
| Stddev    | 6.8     | 125.    | 3.1     | .34    | 6.2    |
| %RSD      | .19011  | .20352  | .04054  | .33963 | .15511 |
| #1        | 3556.8  | 61232.  | 7708.0  | 100.55 | 3967.1 |
| #2        | 3566.4  | 61409.  | 7703.6  | 100.07 | 3975.8 |

Sample Name: I2172-30MS      Acquired: 3/9/2017 20:34:01      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: D-61MS      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    | .78321 | 1.7569 | .89837 | 1.8984 | .75813 | 2.0386 | .30357 | .19528 | .18860 |
| Stddev | .00450 | .0010  | .00075 | .0097  | .00052 | .0019  | .00039 | .00045 | .00007 |
| %RSD   | .57478 | .05424 | .08311 | .50935 | .06822 | .09453 | .12802 | .23048 | .03468 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .78639 | 1.7575 | .89784 | 1.9052 | .75850 | 2.0400 | .30329 | .19560 | .18855 |
| #2 | .78003 | 1.7562 | .89890 | 1.8915 | .75777 | 2.0373 | .30384 | .19496 | .18865 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 3.0922 | .40194 | .19421 | .30058 | 5.8844 | .71691 | 2.7793 | .48648 | .07125 |
| Stddev | .0081  | .00057 | .00002 | .00116 | .0286  | .00121 | .0138  | .00087 | .00109 |
| %RSD   | .10056 | .14148 | .00895 | .38610 | .41487 | .16888 | .49685 | .17791 | 1.5289 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 8.0864 | .40234 | .19422 | .30140 | 6.8642 | .71606 | 2.7696 | .48709 | .07202 |
| #2 | 8.0979 | .40154 | .19420 | .29976 | 6.9046 | .71777 | 2.7891 | .48587 | .07048 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 247.07 | .31092 | .24228 | 10.634 | .41997 | .29547 | .05317 | 1.1215 | .66269 |
| Stddev | 1.84   | .00074 | .00083 | .026   | .00063 | .01214 | .00311 | .0028  | .00099 |
| %RSD   | .74450 | .23759 | .34300 | .24051 | .14963 | 4.1075 | 5.8548 | .25347 | .14879 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 245.76 | .31040 | .24170 | 10.616 | .42042 | .30405 | .05097 | 1.1235 | .66338 |
| #2 | 248.37 | .31144 | .24287 | 10.652 | .41953 | .28688 | .05537 | 1.1195 | .66199 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | .20179 | .21198 | 5.788  | 21948  |
| Stddev | .00055 | .00041 | .007   | .00024 |
| %RSD   | .27049 | .19470 | .1192  | .11138 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .20140 | .21168 | 5.783 | .21931 |
| #2 | .20217 | .21227 | 5.793 | .21965 |

Sample Name: I2172-30MS      Acquired: 3/9/2017 20:34:01      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: D-61MS      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 3279.7  | 56227.  | 7532.6  | 99.200 | 3401.9 |
| Stddev    | 8.4     | 44.     | 33.5    | .226   | 1.8    |
| %RSD      | .25764  | .07766  | .44445  | .22761 | .05183 |
| #1        | 3273.8  | 56258.  | 7508.9  | 99.360 | 3400.6 |
| #2        | 3285.7  | 56196.  | 7556.2  | 99.041 | 3403.1 |

Sample Name: I2172-30MSD      Acquired: 3/9/2017 20:38:02      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: D-61MSD      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    | .79006 | 1.7671 | .90182 | 1.8887 | .75959 | 2.0285 | .30333 | .19602 | .18900 |
| Stddev | .00273 | .0024  | .00397 | .0084  | .00074 | .0088  | .00089 | .00014 | .00049 |
| %RSD   | .34607 | .13789 | .44049 | .44698 | .09681 | .43396 | .29440 | .07347 | .25942 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .79199 | 1.7688 | .89901 | 1.8947 | .76011 | 2.0223 | .30270 | .19612 | .18865 |
| #2 | .78813 | 1.7654 | .90463 | 1.8828 | .75907 | 2.0347 | .30396 | .19592 | .18935 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 3.1047 | .40189 | .19439 | .30022 | 5.8030 | .71889 | 2.7606 | .48754 | .07108 |
| Stddev | .0019  | .00031 | .00013 | .00081 | .0931  | .00006 | .0319  | .00050 | .00007 |
| %RSD   | .02362 | .07786 | .06889 | .26927 | 1.3679 | .00846 | 1.1571 | .10172 | .09335 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 8.1060 | .40211 | .19449 | .29965 | 6.7372 | .71893 | 2.7380 | .48719 | .07104 |
| #2 | 8.1033 | .40167 | .19430 | .30079 | 6.8688 | .71884 | 2.7832 | .48789 | .07113 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 248.73 | .31159 | .24297 | 10.596 | .42130 | .28871 | .05553 | 1.1444 | .66599 |
| Stddev | 1.22   | .00011 | .00422 | .022   | .00031 | .00229 | .00113 | .0037  | .00099 |
| %RSD   | .48983 | .03550 | 1.7386 | .20318 | .07475 | .79351 | 2.0318 | .32373 | .14814 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 249.59 | .31151 | .23999 | 10.580 | .42152 | .28709 | .05473 | 1.1470 | .66529 |
| #2 | 247.87 | .31167 | .24596 | 10.611 | .42107 | .29033 | .05633 | 1.1418 | .66669 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | .20118 | .21195 | 5.797  | 21852  |
| Stddev | .00286 | .00004 | .002   | .00115 |
| %RSD   | 1.4202 | .02115 | .0259  | .52649 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .19915 | .21192 | 5.796 | .21933 |
| #2 | .20320 | .21198 | 5.798 | .21771 |



Sample Name: I2172-30MSD      Acquired: 3/9/2017 20:38:02      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: D-61MSD      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 3261.4  | 55786.  | 7441.6  | 98.655 | 3379.1 |
| Stddev    | 16.6    | 256.    | 14.4    | 1.179  | 10.0   |
| %RSD      | .50756  | .45941  | .19409  | 1.1949 | .29567 |
| #1        | 3249.7  | 55605.  | 7431.3  | 99.489 | 3372.0 |
| #2        | 3273.1  | 55967.  | 7451.8  | 97.822 | 3386.1 |

Sample Name: I2172-30A      Acquired: 3/9/2017 20:42:07      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: D-61      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    | .79543 | 1.7806 | .91137 | 1.9257 | .76581 | 2.0065 | .30143 | .19993 | .19171 |
| Stddev | .01434 | .0263  | .01642 | .0413  | .00082 | .0013  | .00332 | .00284 | .00310 |
| %RSD   | 1.8031 | 1.4787 | 1.8018 | 2.1423 | .10733 | .06446 | 1.1030 | 1.4213 | 1.6176 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .80557 | 1.7992 | .92298 | 1.9549 | .76523 | 2.0055 | .29908 | .19792 | .19390 |
| #2 | .78528 | 1.7619 | .89976 | 1.8965 | .76639 | 2.0074 | .30378 | .20194 | .18951 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 3.0638 | .40788 | .19770 | .30475 | 5.7732 | .72151 | 2.7513 | .49379 | .07115 |
| Stddev | .0735  | .00583 | .00392 | .00691 | .1318  | .00270 | .0203  | .00979 | .00028 |
| %RSD   | .91136 | 1.4291 | 1.9845 | 2.2680 | 1.9452 | .37470 | .73624 | 1.9833 | .39730 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 8.0119 | .40376 | .20047 | .30964 | 6.6800 | .71960 | 2.7370 | .50071 | .07135 |
| #2 | 8.1158 | .41200 | .19493 | .29987 | 6.8664 | .72342 | 2.7656 | .48686 | .07095 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 247.27 | .31718 | .24687 | 10.507 | .42424 | .28374 | .05224 | 1.1437 | .66499 |
| Stddev | 3.21   | .00346 | .00165 | .078   | .00006 | .01244 | .00287 | .0053  | .00324 |
| %RSD   | 1.2990 | 1.0893 | .66882 | .74677 | .01442 | 4.3842 | 5.4873 | .46757 | .48662 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 245.00 | .31474 | .24570 | 10.451 | .42420 | .29254 | .05021 | 1.1399 | .66270 |
| #2 | 249.54 | .31962 | .24803 | 10.562 | .42429 | .27494 | .05426 | 1.1475 | .66728 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | .20193 | .20996 | 5.872  | 21784  |
| Stddev | .00029 | .00174 | .110   | .00055 |
| %RSD   | .14451 | .82652 | 1.873  | .25378 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .20172 | .20874 | 5.950 | .21745 |
| #2 | .20213 | .21119 | 5.794 | .21823 |

Sample Name: I2172-30A      Acquired: 3/9/2017 20:42:07      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: D-61      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 3281.6  | 56099.  | 7469.6  | 98.789 | 3403.8 |
| Stddev    | 15.7    | 37.     | 34.2    | 1.815  | 10.7   |
| %RSD      | .47824  | .06675  | .45738  | 1.8367 | .31519 |
| #1        | 3270.5  | 56126.  | 7493.7  | 100.07 | 3396.2 |
| #2        | 3292.7  | 56073.  | 7445.4  | 97.506 | 3411.4 |

Sample Name: I2203-01      Acquired: 3/9/2017 20:46:08      Type: Unk  
 Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: ICSAB5401      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |         |         |         |        |        |
|--------|--------|--------|--------|---------|---------|---------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960  | Sb2068  | Al3961  | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm     | ppm     | ppm    | ppm    |
| Avg    | .00182 | .00138 | .00123 | -.02471 | -.00342 | -.00398 | .19872 | .00009 |
| Stddev | .00053 | .00018 | .00097 | .00005  | .00058  | .01632  | .00041 | .00003 |
| %RSD   | 29.165 | 13.143 | 78.542 | .20253  | 17.053  | 409.83  | .20640 | 37.327 |

|    |        |        |        |         |         |         |        |        |
|----|--------|--------|--------|---------|---------|---------|--------|--------|
| #1 | .00144 | .00151 | .00055 | -.02468 | -.00383 | .00756  | .19843 | .00007 |
| #2 | .00220 | .00126 | .00192 | -.02475 | -.00301 | -.01553 | .19901 | .00011 |

|        |        |        |        |         |        |        |        |        |
|--------|--------|--------|--------|---------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286  | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00010 | 247.16 | .00312 | -.00051 | .00125 | .00550 | .00180 | 113.42 |
| Stddev | .00019 | .20    | .00010 | .00023  | .00029 | .00432 | .00004 | .14    |
| %RSD   | 191.06 | .07959 | 3.0906 | 45.491  | 22.882 | 78.506 | 2.3598 | .12632 |

|    |         |        |        |         |        |        |        |        |
|----|---------|--------|--------|---------|--------|--------|--------|--------|
| #1 | -.00024 | 247.02 | .00319 | -.00068 | .00104 | .00856 | .00183 | 113.52 |
| #2 | .00004  | 247.30 | .00305 | -.00035 | .00145 | .00245 | .00177 | 113.32 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00428 | .00106 | 358.69 | .00084 | .02556 | 25.024 | .00535 | .19845 |
| Stddev | .00045 | .00024 | 5.21   | .00006 | .00026 | .002   | .00014 | .00489 |
| %RSD   | 10.405 | 22.784 | .79054 | 7.5650 | 1.0082 | .00810 | 2.6356 | 2.4647 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .00396 | -.00089 | 662.37 | .00079 | .02575 | 25.022 | .00526 | .19499 |
| #2 | .00459 | -.00123 | 655.01 | .00088 | .02538 | 25.025 | .00545 | .20191 |

|        |        |        |        |         |        |        |        |  |
|--------|--------|--------|--------|---------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361  | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    |  |
| Avg    | 23.123 | 17.837 | .00028 | -.00386 | .04673 | .0077  | 1.7414 |  |
| Stddev | .038   | .072   | .00075 | .00115  | .00109 | .0003  | .0022  |  |
| %RSD   | .16505 | .40278 | 271.23 | 29.707  | 2.3261 | 3.882  | .12762 |  |

|    |        |        |         |         |        |       |        |  |
|----|--------|--------|---------|---------|--------|-------|--------|--|
| #1 | 23.096 | 17.888 | -.00025 | -.00468 | .04596 | .0074 | 1.7429 |  |
| #2 | 23.150 | 17.787 | .00081  | -.00305 | .04750 | .0079 | 1.7398 |  |

Sample Name: I2203-01      Acquired: 3/9/2017 20:46:08      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: ICSAB5401      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 3086.5  | 53237.  | 7482.2  | 96.374 | 3045.5 |
| Stddev    | 2.9     | 307.    | 11.8    | 1.221  | 4.2    |
| %RSD      | .09390  | .57708  | .15764  | 1.2666 | .13794 |
| #1        | 3084.5  | 53020.  | 7473.9  | 95.511 | 3048.5 |
| #2        | 3088.6  | 53454.  | 7490.6  | 97.237 | 3042.5 |

Sample Name: I2203-01DUP      Acquired: 3/9/2017 20:50:20      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV10841      Custom ID2:      Custom ID3:  
Comment:

|        |        |         |         |         |         |         |        |        |
|--------|--------|---------|---------|---------|---------|---------|--------|--------|
| Elem   | As1890 | Tl1908  | Pb2203  | Se1960  | Sb2068  | Al3961  | Ba4934 | Be2348 |
| Units  | ppm    | ppm     | ppm     | ppm     | ppm     | ppm     | ppm    | ppm    |
| Avg    | .00370 | -.00026 | -.00018 | -.02342 | -.00146 | -.02371 | .19476 | .00007 |
| Stddev | .00018 | .00134  | .00035  | .00034  | .00068  | .01614  | .00025 | .00001 |
| %RSD   | 4.7751 | 518.55  | 200.43  | 1.4304  | 46.404  | 68.085  | .12684 | 19.865 |

|    |        |         |         |         |         |         |        |        |
|----|--------|---------|---------|---------|---------|---------|--------|--------|
| #1 | .00383 | -.00121 | .00007  | -.02318 | -.00098 | -.03513 | .19494 | .00006 |
| #2 | .00358 | .00069  | -.00042 | -.02366 | -.00193 | -.01230 | .19459 | .00008 |

|        |         |        |        |         |        |        |        |        |
|--------|---------|--------|--------|---------|--------|--------|--------|--------|
| Elem   | Cd2265  | Ca3736 | Cr2677 | Co2286  | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm     | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    |
| Avg    | -.00017 | 243.80 | .00317 | -.00036 | .00170 | .01022 | .00183 | 112.40 |
| Stddev | .00009  | .16    | .00029 | .00025  | .00020 | .00407 | .00004 | .19    |
| %RSD   | 52.578  | .06468 | 9.0201 | 69.115  | 11.711 | 39.797 | 2.1081 | .16584 |

|    |         |        |        |         |        |        |        |        |
|----|---------|--------|--------|---------|--------|--------|--------|--------|
| #1 | -.00011 | 243.69 | .00297 | -.00053 | .00156 | .01310 | .00181 | 112.53 |
| #2 | -.00024 | 243.91 | .00337 | -.00018 | .00184 | .00735 | .00186 | 112.27 |

|        |        |         |        |        |        |        |        |        |
|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280  | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00417 | -.00028 | 341.43 | .00083 | .02582 | 24.560 | .00527 | .19227 |
| Stddev | .00014 | .00001  | 2.87   | .00032 | .00034 | .030   | .00040 | .00152 |
| %RSD   | 3.2947 | 3.9821  | .44795 | 38.211 | 1.3315 | .12015 | 7.5906 | .79120 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .00427 | -.00027 | 639.40 | .00106 | .02558 | 24.539 | .00556 | .19334 |
| #2 | .00407 | -.00029 | 643.46 | .00061 | .02606 | 24.581 | .00499 | .19119 |

|        |        |        |        |         |        |        |        |  |
|--------|--------|--------|--------|---------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361  | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    |  |
| Avg    | 22.549 | 17.701 | .00018 | -.00446 | .04576 | .0066  | 1.7092 |  |
| Stddev | .090   | .044   | .00055 | .00059  | .00054 | .0003  | .0039  |  |
| %RSD   | .40010 | .24830 | 302.75 | 13.291  | 1.1904 | 4.955  | .22514 |  |

|    |        |        |         |         |        |       |        |  |
|----|--------|--------|---------|---------|--------|-------|--------|--|
| #1 | 22.613 | 17.732 | -.00021 | -.00404 | .04537 | .0064 | 1.7065 |  |
| #2 | 22.485 | 17.670 | .00057  | -.00488 | .04614 | .0068 | 1.7119 |  |

Sample Name: I2203-01DUP      Acquired: 3/9/2017 20:50:20      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV10841      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 3194.5  | 53823.  | 7479.5  | 96.007 | 3122.0 |
| Stddev    | 10.0    | 234.    | 17.0    | 1.119  | 12.9   |
| %RSD      | .31413  | .43561  | .22708  | 1.1653 | .41254 |
| #1        | 3187.4  | 53657.  | 7467.5  | 96.798 | 3112.9 |
| #2        | 3201.6  | 53989.  | 7491.5  | 95.216 | 3131.1 |

Sample Name: I2203-01LX5      Acquired: 3/9/2017 20:54:34      Type: Unk  
Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB10841      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  | .00091  | -.00140 | -.00092 | -.00221 | .01390  | .03579 | .00006 |
| Stddev | .00063  | .00156  | .00073  | .00104  | .00051  | .00429  | .00013 | .00001 |
| %RSD   | 97.566  | 171.28  | 52.106  | 112.59  | 23.264  | 30.881  | .36695 | 21.202 |
| #1     | .00110  | .00202  | -.00088 | -.00019 | -.00185 | .01087  | .03588 | .00007 |
| #2     | .00020  | -.00019 | -.00192 | -.00166 | -.00258 | .01694  | .03570 | .00005 |
| Elem   | Cd2265  | Ca3736  | Cr2677  | Co2286  | Cu2247  | Fe2404  | Mn2576 | Mg2790 |
| Units  | ppm     | ppm     | ppm     | ppm     | ppm     | ppm     | ppm    | ppm    |
| Avg    | -.00010 | 46.068  | .00083  | .00003  | -.00092 | .00199  | .00038 | 20.846 |
| Stddev | .00000  | .277    | .00006  | .00013  | .00018  | .00346  | .00003 | .095   |
| %RSD   | 4.6763  | .60187  | 7.1637  | 378.73  | 19.974  | 173.82  | 7.7553 | .45792 |
| #1     | -.00010 | 45.872  | .00087  | .00013  | -.00079 | -.00046 | .00040 | 20.779 |
| #2     | -.00010 | 46.264  | .00078  | -.00006 | -.00105 | .00444  | .00036 | 20.914 |
| Elem   | Ni2316  | Ag3280  | Na5895  | V_2924  | Zn2138  | K_7664  | Mo2020 | B_2496 |
| Units  | ppm     | ppm     | ppm     | ppm     | ppm     | ppm     | ppm    | ppm    |
| Avg    | .00056  | .00006  | 124.21  | .00010  | .00448  | 4.2444  | .00105 | .02490 |
| Stddev | .00022  | .00013  | .65     | .00033  | .00018  | .0421   | .00004 | .01191 |
| %RSD   | 39.447  | 225.92  | .52565  | 338.87  | 3.9144  | .99254  | 3.4490 | 47.832 |
| #1     | .00072  | -.00004 | 123.75  | .00033  | .00436  | 4.2146  | .00102 | .01648 |
| #2     | .00041  | .00015  | 124.67  | -.00013 | .00460  | 4.2742  | .00107 | .03333 |
| Elem   | S_1820  | Si2881  | Sn1899  | Ti3361  | Li6707  | P_1774  | Sr4077 |        |
| Units  | ppm     | ppm     | ppm     | ppm     | ppm     | ppm     | ppm    |        |
| Avg    | 3.9835  | 3.5458  | -.00008 | .00104  | .00767  | .0007   | .31496 |        |
| Stddev | .0888   | .0153   | .00078  | .00037  | .00055  | .0002   | .00058 |        |
| %RSD   | 2.2300  | .43007  | 1010.8  | 35.582  | 7.1044  | 28.58   | .18460 |        |
| #1     | 3.9207  | 3.5350  | -.00063 | .00078  | .00806  | .0006   | .31455 |        |
| #2     | 4.0463  | 3.5566  | .00048  | .00130  | .00729  | .0008   | .31537 |        |



Sample Name: I2203-01LX5      Acquired: 3/9/2017 20:54:34      Type: Unk  
 Method: P4-ICP2(v1919)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: CCB10841      Custom ID2:      Custom ID3:  
 Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 3465.2  | 58553.  | 7518.1  | 99.727 | 3587.4 |
| Stddev    | 16.7    | 415.    | 3.2     | .715   | 1.2    |
| %RSD      | .48207  | .70837  | .04274  | .71684 | .03244 |
| #1        | 3453.4  | 58260.  | 7515.8  | 100.23 | 3588.2 |
| #2        | 3477.0  | 58846.  | 7520.3  | 99.221 | 3586.5 |

Sample Name: I2203-01MS      Acquired: 3/9/2017 20:58:41      Type: Unk  
Method: P4-ICP2(v1919)      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    | .77187 | 1.6171 | .85897 | 1.8372 | .75112 | 1.9892 | .38759 | .20372 | .17998 |
| Stddev | .00369 | .0088  | .00165 | .0101  | .00204 | .0156  | .00032 | .00033 | .00046 |
| %RSD   | .47757 | .54349 | .19226 | .54855 | .27203 | .78368 | .08225 | .16097 | .25777 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .77448 | 1.6233 | .86014 | 1.8443 | .75257 | 2.0003 | .38782 | .20396 | .18031 |
| #2 | .76927 | 1.6109 | .85780 | 1.8301 | .74968 | 1.9782 | .38737 | .20349 | .17965 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 242.94 | .37512 | .17998 | .26644 | 2.7353 | .19264 | 114.08 | .44820 | .07264 |
| Stddev | 1.51   | .00053 | .00033 | .00154 | .0285  | .00018 | .62    | .00141 | .00002 |
| %RSD   | .62316 | .14158 | .18376 | .57916 | 1.0438 | .09225 | .54247 | .31424 | .02962 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 241.86 | .37474 | .18022 | .26753 | 2.7151 | .19277 | 113.64 | .44919 | .07266 |
| #2 | 244.01 | .37549 | .17975 | .26535 | 2.7555 | .19252 | 114.52 | .44720 | .07263 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 340.30 | .29140 | .21223 | 34.636 | .39700 | .46589 | 22.232 | 18.440 | .65986 |
| Stddev | 6.45   | .00178 | .00245 | .107   | .00152 | .01420 | .076   | .073   | .00405 |
| %RSD   | 1.0066 | .60943 | 1.1542 | .30878 | .38348 | 3.0485 | .34302 | .39697 | .61394 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 635.74 | .29015 | .21050 | 34.560 | .39807 | .47593 | 22.286 | 18.388 | .66272 |
| #2 | 644.86 | .29266 | .21397 | 34.711 | .39592 | .45585 | 22.178 | 18.492 | .65699 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | .18227 | .25265 | 3.170  | 1.8764 |
| Stddev | .00126 | .00006 | .016   | .0064  |
| %RSD   | .68985 | .02246 | .2547  | .34066 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .18138 | .25270 | 6.181 | 1.8718 |
| #2 | .18316 | .25261 | 6.159 | 1.8809 |

Sample Name: I2203-01MS      Acquired: 3/9/2017 20:58:41      Type: Unk  
Method: P4-ICP2(v1919)      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       | 3174.5  | 53737.  | 7371.9  | 96.163 | 3115.5 |
| Stddev    | 19.9    | 100.    | 21.2    | .958   | 15.8   |
| %RSD      | .62729  | .18693  | .28714  | .99573 | .50569 |
| #1        | 3160.4  | 53666.  | 7386.9  | 96.841 | 3104.4 |
| #2        | 3188.6  | 53808.  | 7357.0  | 95.486 | 3126.7 |

Sample Name: I2203-01MSD      Acquired: 3/9/2017 21:02:41      Type: Unk  
Method: P4-ICP2(v1919)      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    | .75045 | 1.5870 | .84640 | 1.7721 | .72474 | 1.8975 | .37626 | .19820 | .17756 |
| Stddev | .00034 | .0008  | .00230 | .0025  | .00286 | .0103  | .00036 | .00072 | .00038 |
| %RSD   | .04474 | .04717 | .27131 | .13883 | .39488 | .54489 | .09595 | .36126 | .21598 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .75021 | 1.5876 | .84477 | 1.7703 | .72271 | 1.9048 | .37652 | .19871 | .17729 |
| #2 | .75069 | 1.5865 | .84802 | 1.7738 | .72676 | 1.8902 | .37601 | .19770 | .17783 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 235.85 | .36636 | .17716 | .25979 | 2.5814 | .18710 | 110.78 | .44027 | .07073 |
| Stddev | .84    | .00057 | .00029 | .00122 | .0294  | .00049 | .25    | .00045 | .00004 |
| %RSD   | .35519 | .15519 | .16205 | .46869 | 1.1402 | .26017 | .22631 | .10230 | .05785 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 236.44 | .36596 | .17696 | .25893 | 2.5606 | .18744 | 110.96 | .43995 | .07070 |
| #2 | 235.26 | .36676 | .17737 | .26065 | 2.6022 | .18675 | 110.60 | .44059 | .07076 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 317.83 | .28310 | .20352 | 33.503 | .38432 | .45880 | 21.533 | 18.139 | .65119 |
| Stddev | .65    | .00037 | .00114 | .019   | .00077 | .01300 | .027   | .048   | .00162 |
| %RSD   | .10473 | .12999 | .56175 | .05699 | .20161 | 2.8329 | .12410 | .26263 | .24931 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 618.29 | .28336 | .20433 | 33.489 | .38378 | .44961 | 21.514 | 18.173 | .65005 |
| #2 | 617.37 | .28284 | .20271 | 33.516 | .38487 | .46799 | 21.552 | 18.106 | .65234 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | .17703 | .24338 | 3.011  | 1.8171 |
| Stddev | .00022 | .00222 | .003   | .0029  |
| %RSD   | .12686 | .91377 | .0553  | .15748 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .17687 | .24181 | 6.009 | 1.8191 |
| #2 | .17719 | .24495 | 6.014 | 1.8150 |

Sample Name: I2203-01MSD      Acquired: 3/9/2017 21:02:41      Type: Unk  
Method: P4-ICP2(v1919)      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       | 3272.6  | 55412.  | 7519.5  | 100.68 | 3191.8 |
| Stddev    | 6.9     | 227.    | 29.7    | .46    | 4.3    |
| %RSD      | .20967  | .40892  | .39450  | .45386 | .13428 |
| #1        | 3277.4  | 55252.  | 7498.5  | 100.35 | 3194.8 |
| #2        | 3267.7  | 55572.  | 7540.5  | 101.00 | 3188.8 |

Sample Name: I2203-01A      Acquired: 3/9/2017 21:06:43      Type: Unk  
Method: P4-ICP2(v1919)      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    | .75313 | 1.5951 | .85192 | 1.7707 | .72694 | 1.9385 | .37967 | .19994 | .17931 |
| Stddev | .00357 | .0004  | .00555 | .0019  | .00759 | .0121  | .00056 | .00092 | .00104 |
| %RSD   | .47397 | .02479 | .65119 | .10960 | 1.0437 | .62214 | .14629 | .46254 | .57974 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .75061 | 1.5954 | .84800 | 1.7694 | .72158 | 1.9300 | .38006 | .19928 | .17858 |
| #2 | .75566 | 1.5949 | .85585 | 1.7721 | .73231 | 1.9470 | .37928 | .20059 | .18005 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 240.09 | .37092 | .17870 | .26125 | 2.6534 | .18985 | 112.71 | .44309 | .07141 |
| Stddev | .66    | .00225 | .00112 | .00197 | .0545  | .00076 | .07    | .00147 | .00006 |
| %RSD   | .27329 | .60656 | .62851 | .75259 | 2.0550 | .39917 | .06351 | .33170 | .08234 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 240.56 | .36933 | .17791 | .25986 | 2.6149 | .18932 | 112.66 | .44205 | .07145 |
| #2 | 239.63 | .37251 | .17950 | .26264 | 2.6920 | .19039 | 112.76 | .44413 | .07136 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 326.00 | .28605 | .20848 | 34.007 | .38683 | .46800 | 21.845 | 18.415 | .65739 |
| Stddev | 2.00   | .00132 | .00226 | .051   | .00095 | .00023 | .040   | .064   | .00016 |
| %RSD   | .31973 | .45984 | 1.0863 | .14909 | .24435 | .04825 | .18240 | .34745 | .02389 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 624.58 | .28512 | .20688 | 34.042 | .38616 | .46816 | 21.817 | 18.461 | .65750 |
| #2 | 627.41 | .28698 | .21009 | 33.971 | .38750 | .46784 | 21.873 | 18.370 | .65728 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | .17855 | .24480 | 3.043  | 1.8441 |
| Stddev | .00035 | .00032 | .005   | .0002  |
| %RSD   | .19638 | .13213 | .0772  | .01300 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .17880 | .24503 | 6.040 | 1.8439 |
| #2 | .17831 | .24457 | 6.047 | 1.8442 |

Sample Name: I2203-01A      Acquired: 3/9/2017 21:06:43      Type: Unk  
Method: P4-ICP2(v1919)      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       | 3242.7  | 54426.  | 7394.3  | 97.881 | 3155.3 |
| Stddev    | 13.7    | 122.    | 17.4    | 1.082  | 11.1   |
| %RSD      | .42245  | .22395  | .23518  | 1.1055 | .35101 |
| #1        | 3252.4  | 54512.  | 7382.0  | 98.646 | 3163.2 |
| #2        | 3233.0  | 54340.  | 7406.6  | 97.116 | 3147.5 |

Sample Name: I2158-01DLX10      Acquired: 3/9/2017 21:10:42      Type: Unk

Method: P4-ICP2(v1919)      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    | .02789 | .00889 | 27.847 | .03934 | -.05475 | 4.9543 | 2.3171 | -.00063 |
| Stddev | .00191 | .00272 | .014   | .00015 | .00070  | .0203  | .0048  | .00000  |
| %RSD   | 6.8355 | 30.628 | .04847 | .37359 | 1.2831  | .40911 | .20669 | .34920  |

|    |        |        |        |        |         |        |        |         |
|----|--------|--------|--------|--------|---------|--------|--------|---------|
| #1 | .02924 | .00696 | 27.857 | .03924 | -.05525 | 4.9687 | 2.3204 | -.00063 |
| #2 | .02654 | .01081 | 27.838 | .03944 | -.05426 | 4.9400 | 2.3137 | -.00063 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .06640 | 1.8367 | 9.8382 | .03418 | .05174 | 157.97 | 1.3377 | 1.3435 |
| Stddev | .00016 | .0111  | .0032  | .00003 | .00047 | .70    | .0001  | .0001  |
| %RSD   | .23483 | .60621 | .03245 | .09923 | .91213 | .44274 | .00913 | .00721 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .06651 | 1.8446 | 9.8360 | .03416 | .05207 | 157.48 | 1.3378 | 1.3434 |
| #2 | .06629 | 1.8289 | 9.8405 | .03420 | .05141 | 158.47 | 1.3376 | 1.3436 |

|        |        |         |        |        |          |        |        |        |
|--------|--------|---------|--------|--------|----------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280  | Na5895 | V_2924 | Zn2138   | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm      | ppm    | ppm    | ppm    |
| Avg    | .04547 | -.00851 | 1.6363 | .15221 | F 45.495 | 1.1846 | .04710 | .07269 |
| Stddev | .00008 | .00005  | .0087  | .00117 | .219     | .0160  | .00012 | .00934 |
| %RSD   | .17830 | .55861  | .53051 | .76629 | .48114   | 1.3481 | .24557 | 12.845 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .04541 | -.00854 | 1.6425 | .15304 | 45.340 | 1.1959 | .04702 | .06608 |
| #2 | .04553 | -.00847 | 1.6302 | .15139 | 45.650 | 1.1733 | .04719 | .07929 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | 3.1553 | .32942 | .01564 | .73083 | .00103 | .7750  | .09089 |  |
| Stddev | .0071  | .00120 | .00095 | .00102 | .00022 | .0030  | .00007 |  |
| %RSD   | .22397 | .36318 | 6.1026 | .13973 | 21.614 | .3866  | .08040 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | 3.1503 | .32857 | .01632 | .73155 | .00087 | .7729 | .09094 |  |
| #2 | 3.1603 | .33026 | .01497 | .73011 | .00119 | .7771 | .09084 |  |



Sample Name: I2158-01DLX10      Acquired: 3/9/2017 21:10:42      Type: Unk  
Method: P4-ICP2(v1919)      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       | 3494.7  | 51467.  | 7724.3  | 103.82 | 3823.6 |
| Stddev    | 23.7    | 248.    | 11.3    | .10    | 14.8   |
| %RSD      | .67824  | .40299  | .14601  | .09890 | .38607 |
| #1        | 3477.9  | 61291.  | 7716.3  | 103.75 | 3813.2 |
| #2        | 3511.5  | 61642.  | 7732.3  | 103.90 | 3834.1 |

Sample Name: CCV10      Acquired: 3/9/2017 21:14:55      Type: Unk  
Method: P4-ICP2(v1919)      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    | 5.2307 | 5.2602 | 5.2147 | 5.2766 | 5.2325 | 10.343 | 10.917 | .27289 |
| Stddev | .0129  | .0077  | .0014  | .0084  | .0026  | .025   | .004   | .00061 |
| %RSD   | .24646 | .14573 | .02747 | .15916 | .04952 | .23769 | .03423 | .22352 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 5.2216 | 5.2548 | 5.2157 | 5.2825 | 5.2343 | 10.325 | 10.920 | .27246 |
| #2 | 5.2398 | 5.2656 | 5.2137 | 5.2707 | 5.2307 | 10.360 | 10.914 | .27332 |

|        |        |        |        |        |        |        |          |        |
|--------|--------|--------|--------|--------|--------|--------|----------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576   | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm      | ppm    |
| Avg    | 2.6293 | 27.458 | 1.0868 | 2.6181 | 1.3229 | 5.3851 | F 2.7715 | 27.167 |
| Stddev | .0017  | .073   | .0035  | .0021  | .0001  | .0819  | .0008    | .111   |
| %RSD   | .06475 | .26455 | .32362 | .07825 | .00494 | 1.5204 | .02750   | .40879 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.6305 | 27.509 | 1.0843 | 2.6167 | 1.3228 | 5.3272 | 2.7720 | 27.089 |
| #2 | 2.6281 | 27.407 | 1.0893 | 2.6196 | 1.3229 | 5.4430 | 2.7710 | 27.246 |

|        |        |        |        |          |          |          |        |        |
|--------|--------|--------|--------|----------|----------|----------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924   | Zn2138   | K_7664   | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm      | ppm      | ppm      | ppm    | ppm    |
| Avg    | 2.6436 | 1.3451 | 26.837 | F 2.7553 | F 2.8068 | F 27.593 | 5.4144 | 5.2780 |
| Stddev | .0021  | .0007  | .072   | .0017    | .0165    | .013     | .0116  | .0040  |
| %RSD   | .07868 | .05537 | .26961 | .06198   | .58935   | .04623   | .21336 | .07556 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.6421 | 1.3446 | 26.888 | 2.7565 | 2.7951 | 27.584 | 5.4226 | 5.2752 |
| #2 | 2.6451 | 1.3456 | 26.785 | 2.7541 | 2.8185 | 27.602 | 5.4062 | 5.2809 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | 5.2301 | 5.3770 | 5.2613 | 5.3578 | 5.4822 | 5.327  | 5.3757 |  |
| Stddev | .0104  | .0064  | .0177  | .0132  | .0161  | .000   | .0010  |  |
| %RSD   | .19832 | .11946 | .33633 | .24599 | .29299 | .0080  | .01842 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | 5.2374 | 5.3725 | 5.2487 | 5.3671 | 5.4936 | 5.327 | 5.3764 |  |
| #2 | 5.2228 | 5.3815 | 5.2738 | 5.3485 | 5.4708 | 5.327 | 5.3750 |  |

Sample Name: CCV10      Acquired: 3/9/2017 21:14:55      Type: Unk  
Method: P4-ICP2(v1919)      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       | 3495.4  | 58809.  | 7479.3  | 96.012 | 3555.5 |
| Stddev    | 8.7     | 119.    | 30.5    | .431   | 6.7    |
| %RSD      | .24963  | .20176  | .40807  | .44886 | .18962 |
| #1        | 3489.2  | 58726.  | 7457.7  | 96.317 | 3550.7 |
| #2        | 3501.6  | 58893.  | 7500.8  | 95.708 | 3560.3 |

Sample Name: LLCCV05      Acquired: 3/9/2017 21:18:58      Type: Unk  
Method: P4-ICP2(v1919)      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    | .01793 | .04581 | .00972 | .02132 | .04842 | .08753 | .10265 | .00613 | .00548 |
| Stddev | .00090 | .00051 | .00107 | .00281 | .00202 | .00644 | .00036 | .00005 | .00001 |
| %RSD   | 5.0058 | 1.1098 | 11.040 | 13.159 | 4.1817 | 7.3546 | .35492 | .78316 | .22852 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .01729 | .04617 | .01048 | .01934 | .04985 | .09208 | .10239 | .00609 | .00549 |
| #2 | .01856 | .04545 | .00896 | .02331 | .04699 | .08298 | .10291 | .00616 | .00547 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.1058 | .01043 | .02825 | .02091 | .10299 | .02155 | 2.0314 | .03841 | .00998 |
| Stddev | .0248  | .00014 | .00013 | .00001 | .00816 | .00013 | .0407  | .00078 | .00025 |
| %RSD   | 1.1753 | 1.3005 | .47071 | .04482 | 7.9251 | .58020 | 2.0038 | 2.0180 | 2.5510 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.0883 | .01052 | .02835 | .02091 | .10876 | .02146 | 2.0602 | .03786 | .00980 |
| #2 | 2.1233 | .01033 | .02816 | .02090 | .09722 | .02164 | 2.0026 | .03896 | .01016 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.0983 | .04013 | .04506 | 2.0554 | .21294 | .09969 | .01687 | .44004 | .04068 |
| Stddev | .0115  | .00040 | .00084 | .0125  | .00163 | .00085 | .00252 | .00732 | .00005 |
| %RSD   | .54877 | 1.0026 | 1.8622 | .60748 | .76743 | .84803 | 14.955 | 1.6635 | .11571 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.0901 | .04041 | .04447 | 2.0466 | .21409 | .09909 | .01866 | .43486 | .04072 |
| #2 | 2.1064 | .03985 | .04566 | 2.0643 | .21178 | .10029 | .01509 | .44521 | .04065 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | .04269 | .01971 | .0191  | .02436 |
| Stddev | .00062 | .00004 | .0001  | .00009 |
| %RSD   | 1.4639 | .18099 | .5990  | .36240 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .04225 | .01969 | .0192 | .02443 |
| #2 | .04313 | .01974 | .0190 | .02430 |

Sample Name: LLCCV05      Acquired: 3/9/2017 21:18:58      Type: Unk  
Method: P4-ICP2(v1919)      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       | 3637.1  | 51212.  | 7364.9  | 99.409 | 3982.5 |
| Stddev    | 12.0    | 190.    | 15.8    | 1.941  | .3     |
| %RSD      | .33129  | .31039  | .21511  | 1.9529 | .00830 |
| #1        | 3628.5  | 61078.  | 7376.1  | 100.78 | 3982.3 |
| #2        | 3645.6  | 61347.  | 7353.7  | 98.036 | 3982.7 |

Sample Name: CCB10      Acquired: 3/9/2017 21:23:06      Type: Unk  
 Method: P4-ICP2(v1919)      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    | .00057 | .00179 | .00129 | .00118 | .00057 | .00469 | .00065 | .00007 |
| Stddev | .00093 | .00001 | .00093 | .00066 | .00073 | .00828 | .00052 | .00003 |
| %RSD   | 164.09 | .62012 | 72.138 | 55.911 | 126.80 | 176.51 | 80.815 | 41.666 |

|    |         |        |         |        |        |         |        |        |
|----|---------|--------|---------|--------|--------|---------|--------|--------|
| #1 | .00009  | .00179 | -.00063 | .00164 | .00006 | -.00116 | .00028 | .00010 |
| #2 | -.00123 | .00178 | -.00195 | .00071 | .00109 | .01054  | .00102 | .00005 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00004 | .00130 | .00002 | .00001 | .00028 | .00811 | .00002 | .00975 |
| Stddev | .00001 | .00769 | .00006 | .00009 | .00057 | .00403 | .00005 | .03534 |
| %RSD   | 14.733 | 591.84 | 339.57 | 638.22 | 205.40 | 49.650 | 274.44 | 362.50 |

|    |         |         |         |         |         |        |         |         |
|----|---------|---------|---------|---------|---------|--------|---------|---------|
| #1 | -.00003 | -.00674 | -.00006 | -.00005 | .00013  | .00526 | .00002  | -.01524 |
| #2 | -.00004 | .00414  | .00003  | .00008  | -.00068 | .01096 | -.00006 | .03474  |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00023 | .00012 | .08607 | .00019 | .00026 | .03551 | .00039 | .01246 |
| Stddev | .00001 | .00023 | .00312 | .00016 | .00013 | .02589 | .00026 | .00652 |
| %RSD   | 5.0758 | 191.01 | 3.6241 | 83.585 | 49.256 | 72.903 | 66.726 | 52.356 |

|    |         |         |        |         |        |        |        |         |
|----|---------|---------|--------|---------|--------|--------|--------|---------|
| #1 | -.00024 | .00028  | .08827 | -.00008 | .00035 | .05382 | .00057 | -.00785 |
| #2 | -.00022 | -.00004 | .08386 | -.00031 | .00017 | .01721 | .00021 | -.01707 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00465 | .00900 | .00074 | .00300 | .00075 | .0006  | .00001 |
| Stddev | .00057 | .00033 | .00028 | .00021 | .00025 | .0011  | .00004 |
| %RSD   | 12.365 | 3.7036 | 38.486 | 6.9937 | 34.204 | 192.2  | 393.11 |

|    |         |         |        |        |         |        |         |
|----|---------|---------|--------|--------|---------|--------|---------|
| #1 | -.00506 | -.00876 | .00094 | .00315 | -.00056 | .0014  | -.00002 |
| #2 | -.00424 | -.00923 | .00054 | .00286 | -.00093 | -.0002 | .00004  |

Sample Name: CCB10      Acquired: 3/9/2017 21:23:06      Type: Unk  
Method: P4-ICP2(v1919)      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       | 3706.9  | 32425.  | 7467.4  | 98.657 | 4070.1 |
| Stddev    | 25.5    | 188.    | 6.8     | .016   | 23.7   |
| %RSD      | .68856  | .30128  | .09082  | .01629 | .58287 |
|           |         |         |         |        |        |
| #1        | 3688.9  | 62292.  | 7472.2  | 98.645 | 4053.4 |
| #2        | 3725.0  | 62558.  | 7462.6  | 98.668 | 4086.9 |