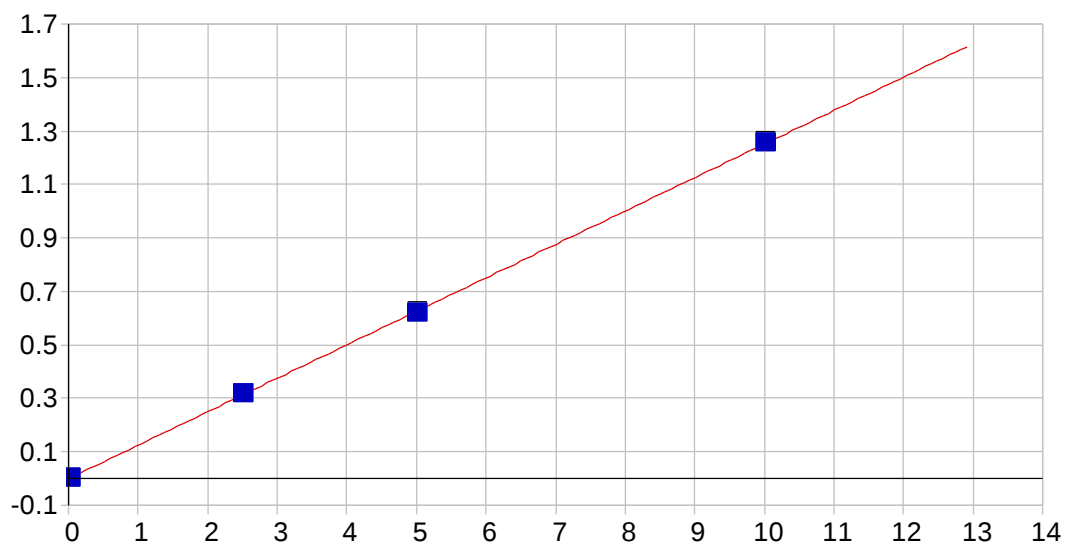




As 189.042 {478}

Date of Fit: 10/2/2017 16:07:26

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000412

Re-Slope: 1.000000

A1 (Gain): 0.125143

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999969

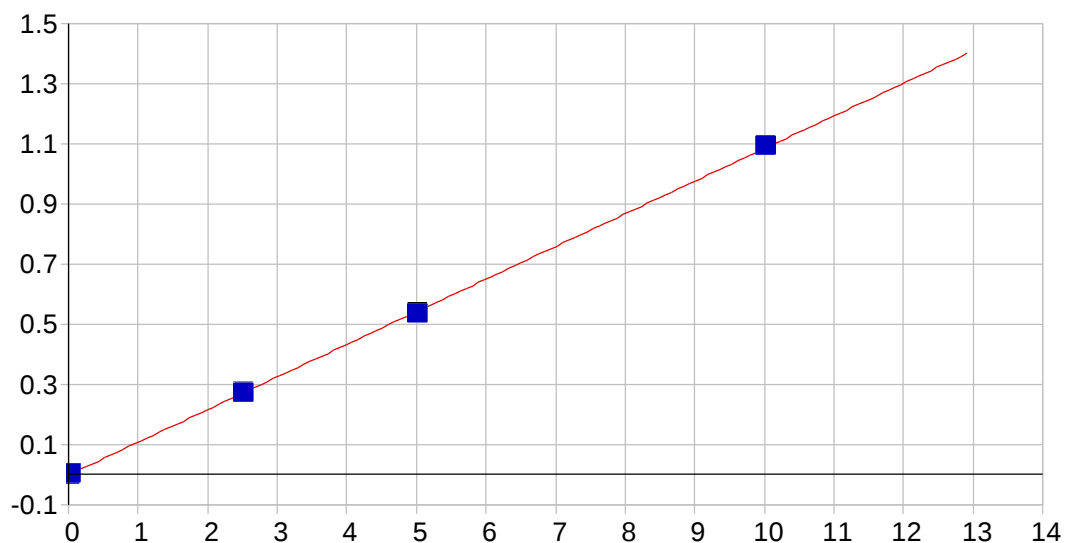
Status: OK.

Std Error of Est: 0.000024

Predicted MDL: 0.003004

Predicted MQL: 0.010014

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00041 | .000    | 1        |
| S1        | .02000       | .02133      | .001       | 6.63    | .00229  | .000    | 1        |
| S3        | 2.5000       | 2.5231      | .023       | .926    | .31578  | .000    | 1        |
| S4        | 5.0000       | 4.9421      | -.058      | -1.16   | .61892  | .002    | 1        |
| S5        | 10.000       | 10.033      | .033       | .334    | 1.2569  | .001    | 1        |



As 189.042 {479}

Date of Fit: 10/2/2017 16:07:26

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000347

Re-Slope: 1.000000

A1 (Gain): 0.108483

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999964

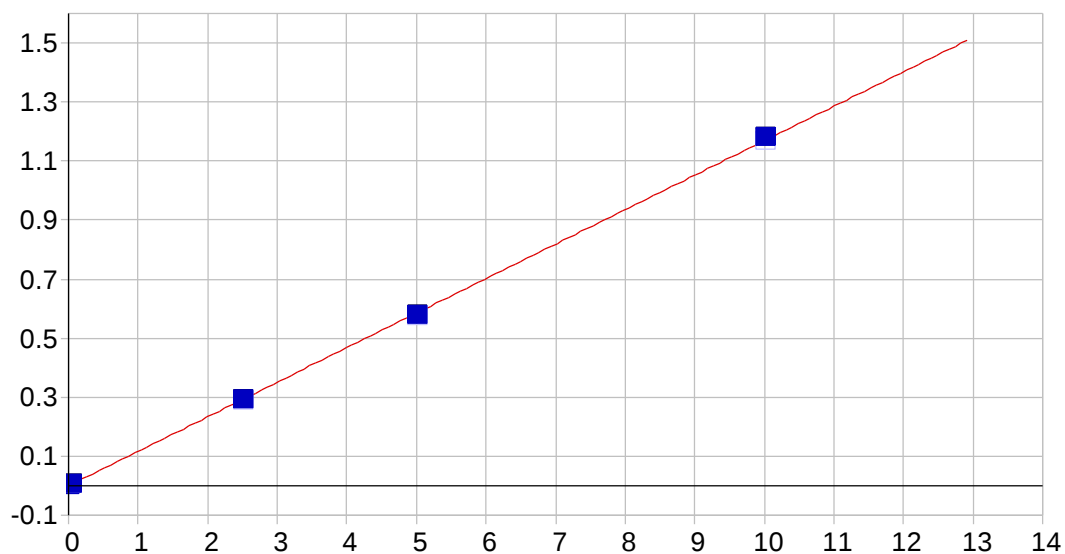
Status: OK.

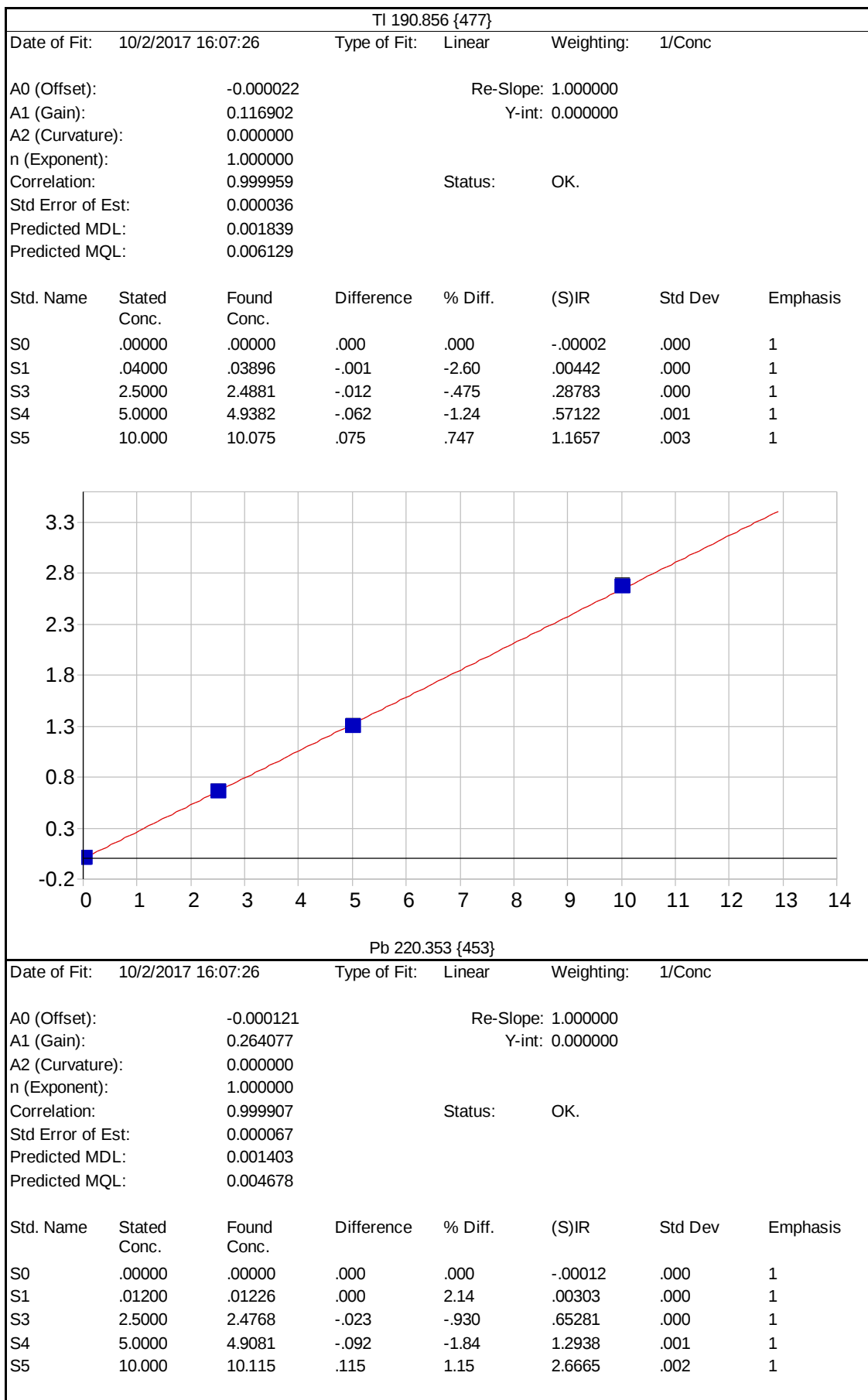
Std Error of Est: 0.000022

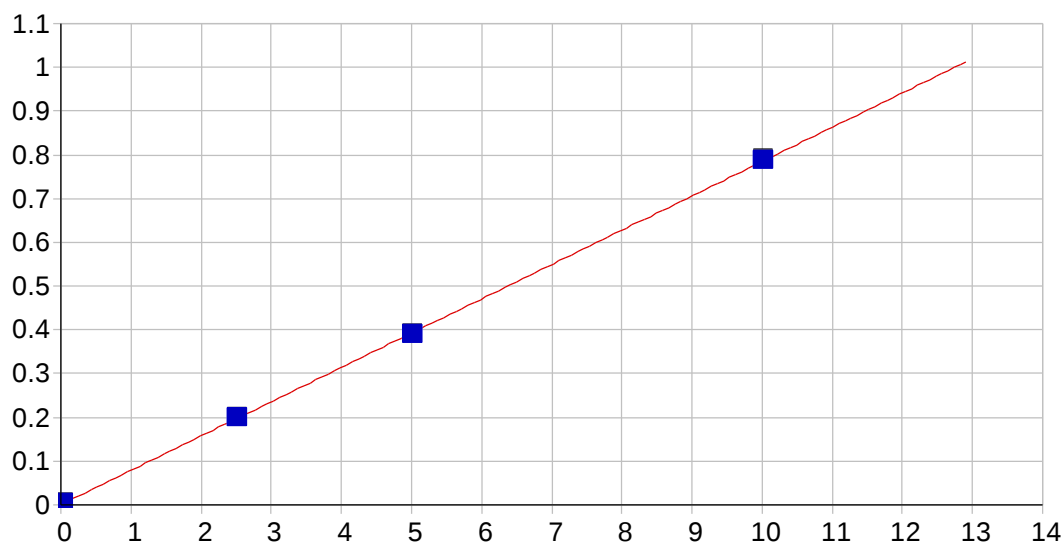
Predicted MDL: 0.002484

Predicted MQL: 0.008280

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00035 | .000    | 1        |
| S1        | .02000       | .02220      | .002       | 11.0    | .00209  | .000    | 1        |
| S3        | 2.5000       | 2.5120      | .012       | .481    | .27254  | .001    | 1        |
| S4        | 5.0000       | 4.9386      | -.061      | -1.23   | .53616  | .000    | 1        |
| S5        | 10.000       | 10.047      | .047       | .471    | 1.0911  | .000    | 1        |





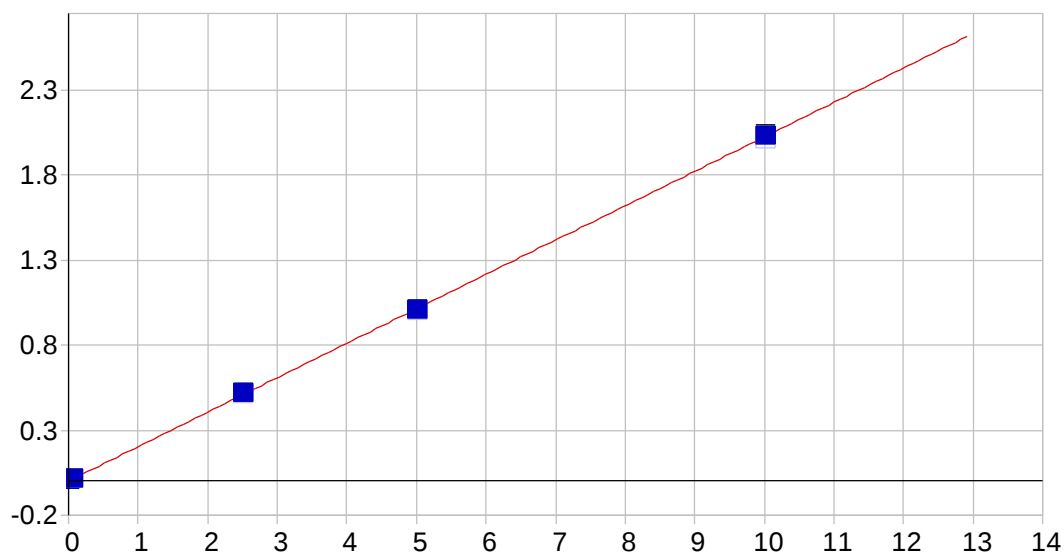


Se 196.090 {472}

Date of Fit: 10/2/2017 16:07:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000369 Re-Slope: 1.000000  
 A1 (Gain): 0.078426 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999976 Status: OK.  
 Std Error of Est: 0.000013  
 Predicted MDL: 0.003788  
 Predicted MQL: 0.012626

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00037 | .000    | 1        |
| S1        | .02000       | .02083      | .001       | 4.14    | .00200 | .000    | 1        |
| S3        | 2.5000       | 2.5224      | .022       | .898    | .19834 | .000    | 1        |
| S4        | 5.0000       | 4.9486      | -.051      | -1.03   | .38876 | .000    | 1        |
| S5        | 10.000       | 10.028      | .028       | .281    | .78741 | .001    | 1        |

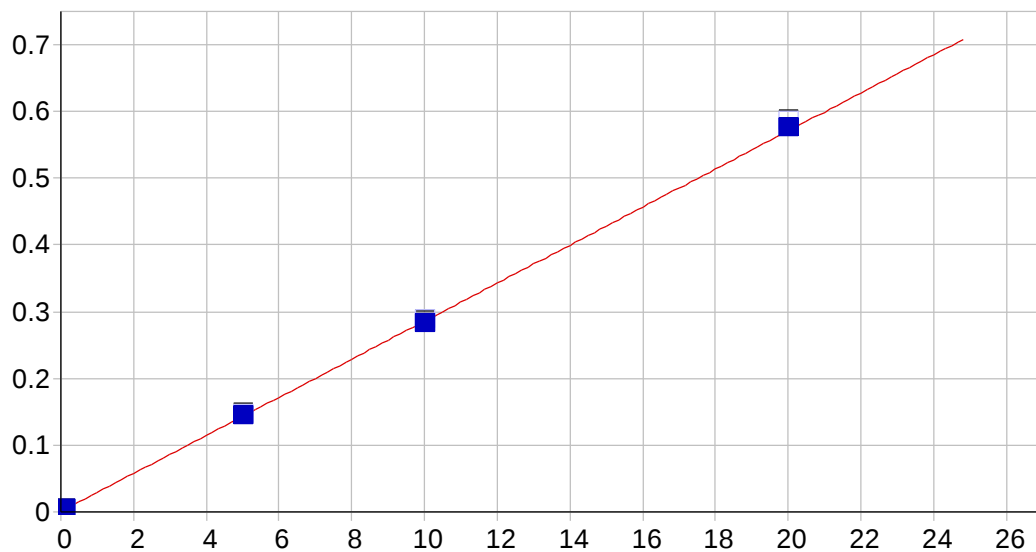


## Sb 206.833 {463}

Date of Fit: 10/2/2017 16:07:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000182 Re-Slope: 1.000000  
 A1 (Gain): 0.202506 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999980 Status: OK.  
 Std Error of Est: 0.000049  
 Predicted MDL: 0.002029  
 Predicted MQL: 0.006764

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00018 | .000    | 1        |
| S1        | .05000       | .05162      | .002       | 3.24    | .01056 | .000    | 1        |
| S3        | 2.5000       | 2.5284      | .028       | 1.14    | .50747 | .000    | 1        |
| S4        | 5.0000       | 4.9604      | -.040      | -.793   | .99521 | .001    | 1        |
| S5        | 10.000       | 10.010      | .010       | .096    | 2.0082 | .006    | 1        |

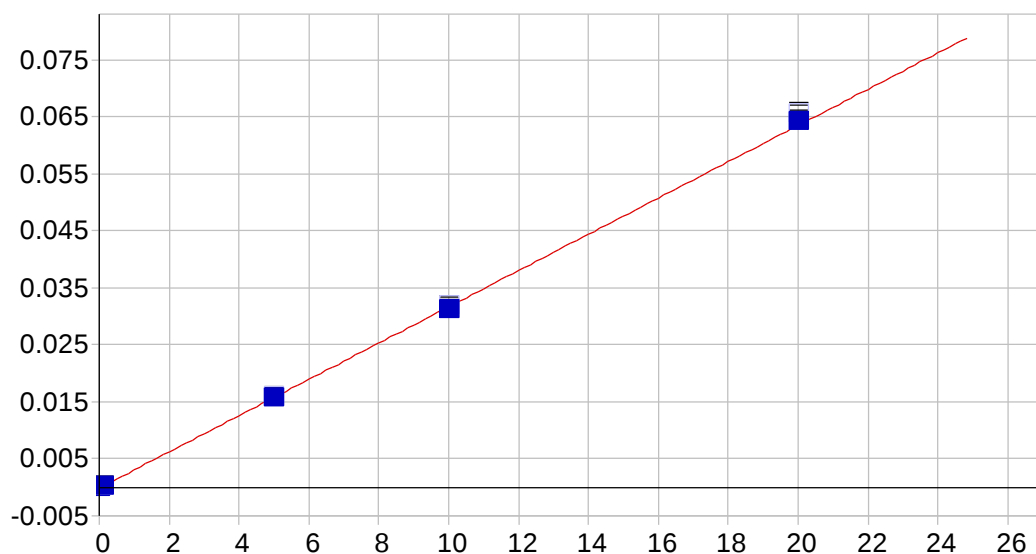


## Al 308.215 {109}

Date of Fit: 10/2/2017 16:07:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000591 Re-Slope: 1.000000  
 A1 (Gain): 0.028512 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999948 Status: OK.  
 Std Error of Est: 0.000023  
 Predicted MDL: 0.003800  
 Predicted MQL: 0.012667

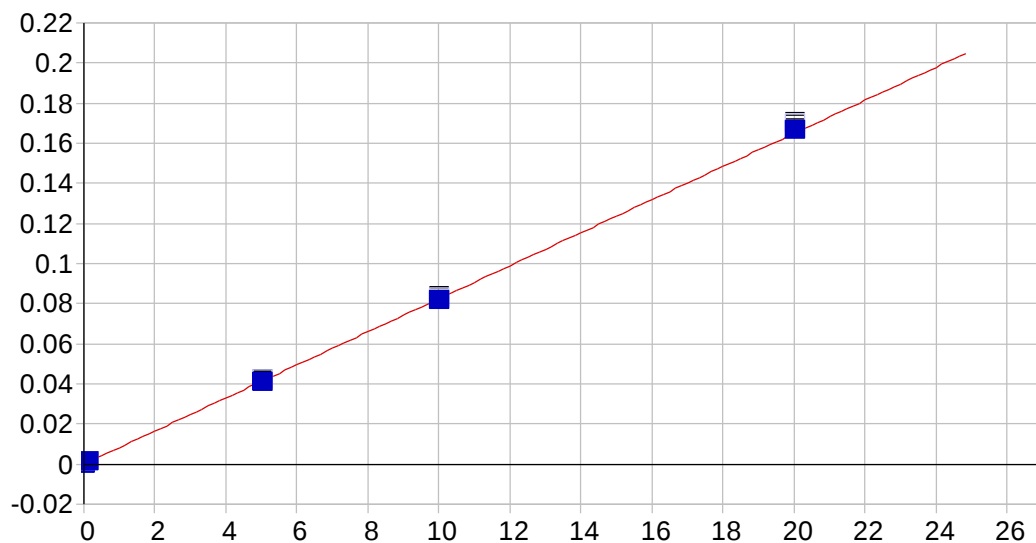
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | .00059 | .000    | 1        |
| S1        | .10000       | .09369      | -.006      | -6.31   | .00346 | .000    | 1        |
| S3        | 5.0000       | 5.0243      | .024       | .486    | .14662 | .000    | 1        |
| S4        | 10.000       | 9.8463      | -.154      | -1.54   | .28688 | .001    | 1        |
| S5        | 20.000       | 20.136      | .136       | .680    | .58582 | .001    | 1        |

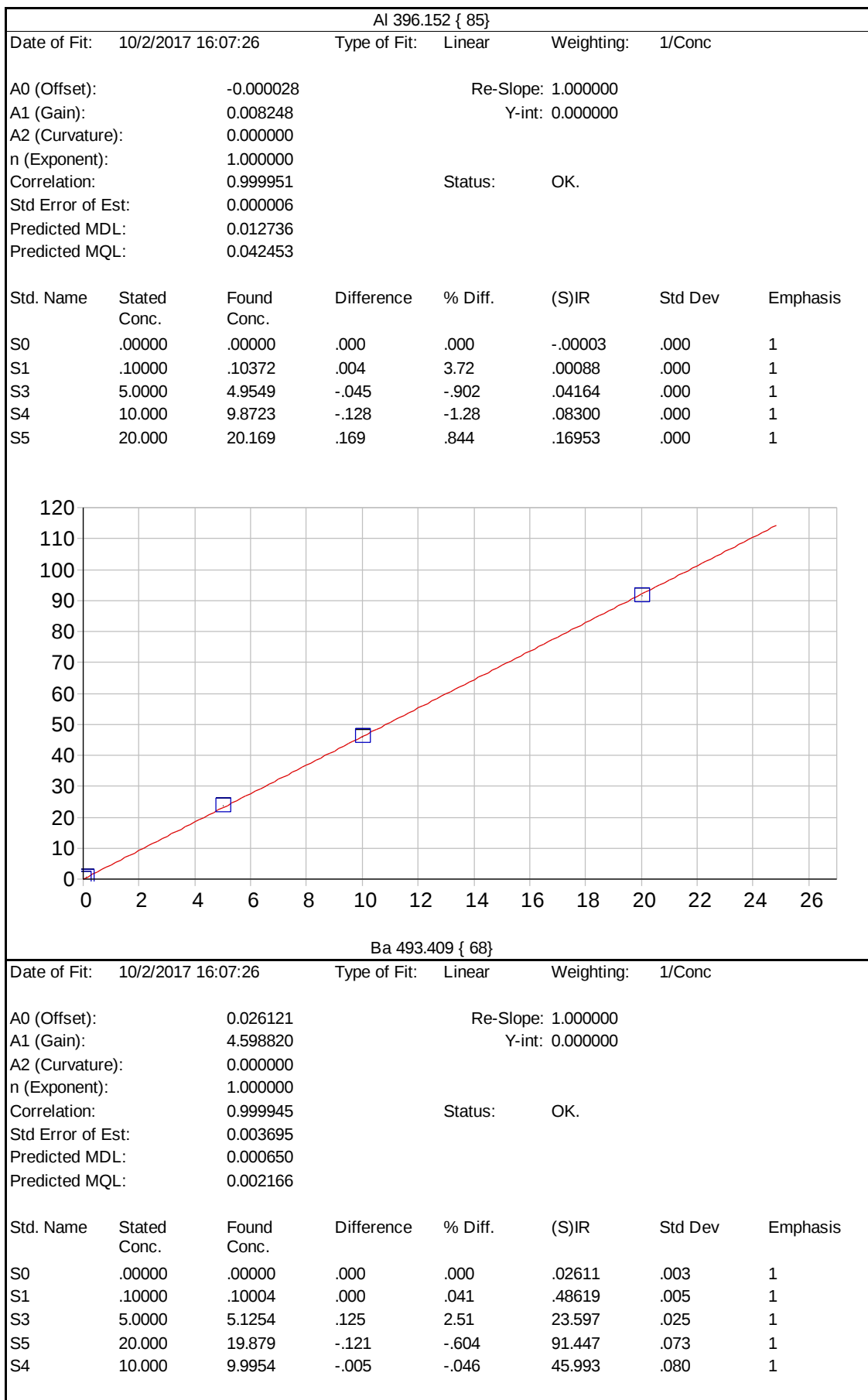


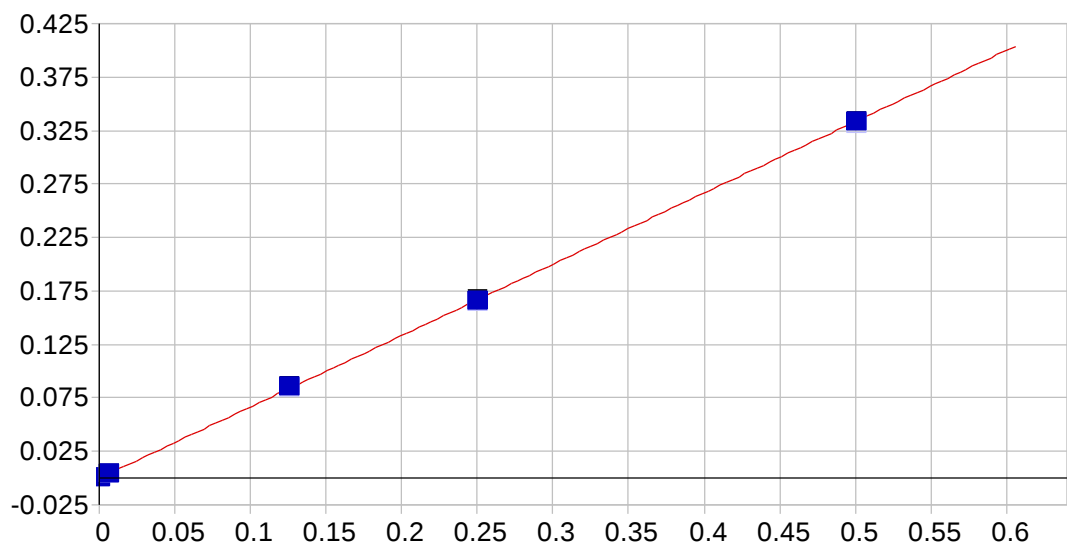
Date of Fit: 10/2/2017 16:07:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000148 Re-Slope: 1.000000  
 A1 (Gain): 0.003180 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999882 Status: OK.  
 Std Error of Est: 0.000004  
 Predicted MDL: 0.021734  
 Predicted MQL: 0.072446

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00002      | .000       | .000    | -.00015 | .000    | 1        |
| S1        | .10000       | .08440      | -.016      | -15.6   | .00014  | .000    | 1        |
| S3        | 5.0000       | 4.9471      | -.053      | -1.06   | .01590  | .000    | 1        |
| S4        | 10.000       | 9.8326      | -.167      | -1.67   | .03174  | .000    | 1        |
| S5        | 20.000       | 20.237      | .237       | 1.18    | .06545  | .000    | 1        |







Be 234.861 {144}

Date of Fit: 10/2/2017 16:07:26

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000089

Re-Slope: 1.000000

A1 (Gain): 0.666722

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999962

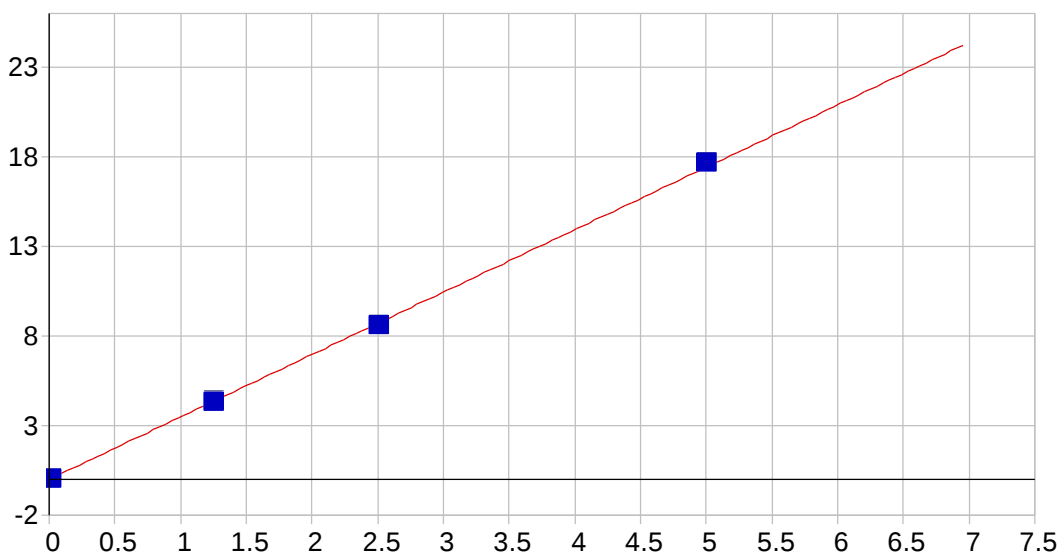
Status: OK.

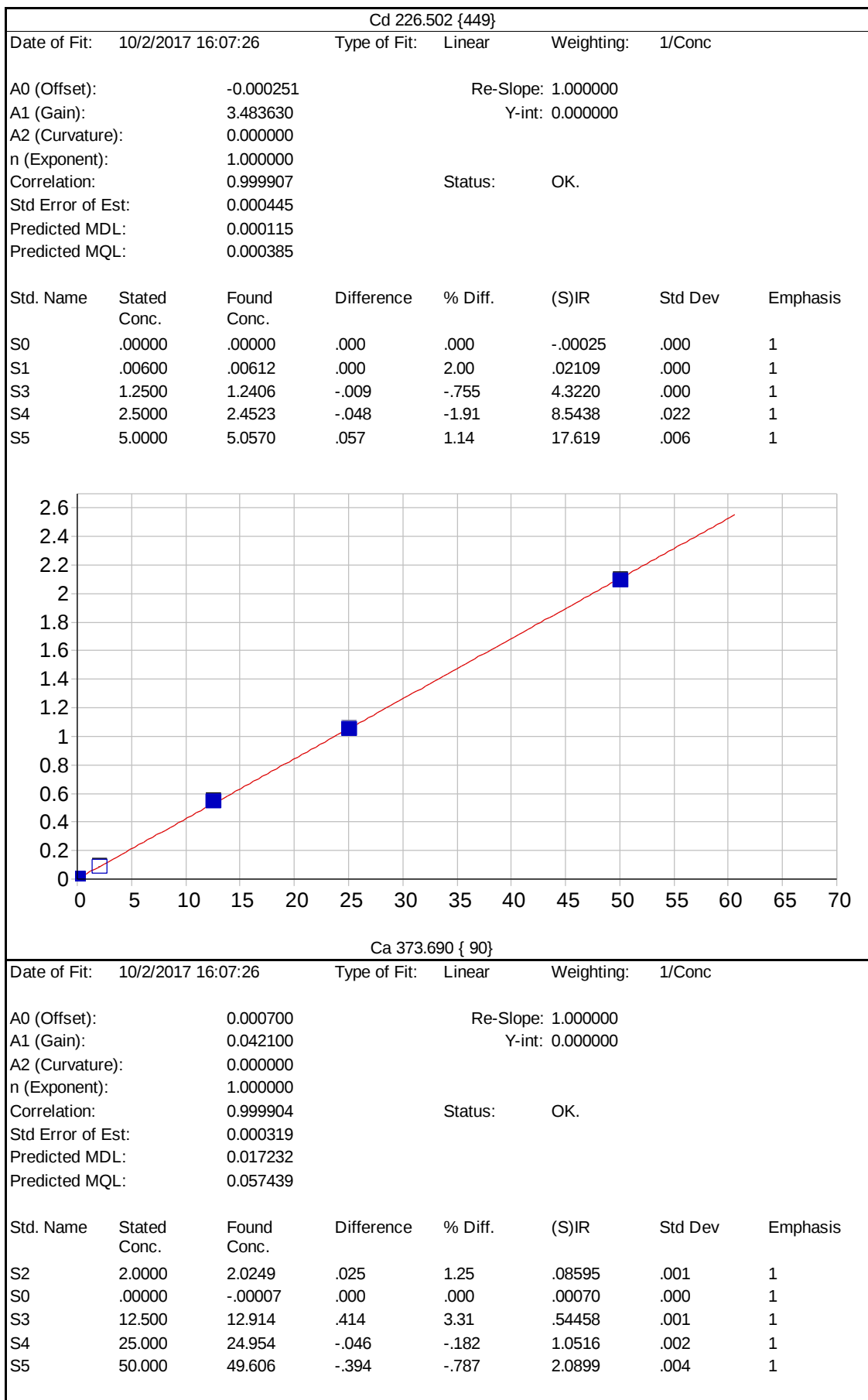
Std Error of Est: 0.000017

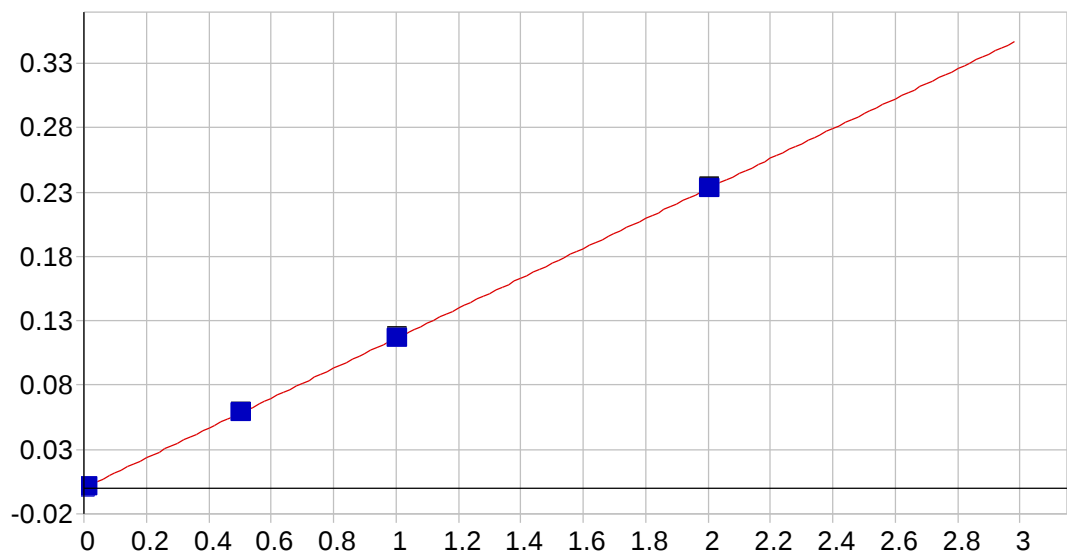
Predicted MDL: 0.000086

Predicted MQL: 0.000287

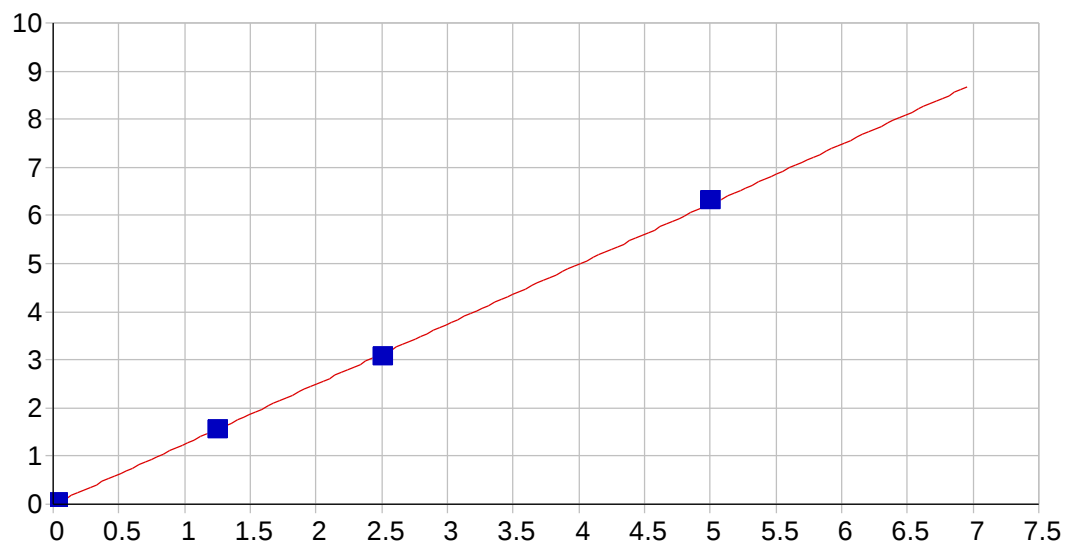
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00009 | .000    | 1        |
| S1        | .00600       | .00617      | .000       | 2.86    | .00398  | .000    | 1        |
| S3        | .12500       | .12748      | .002       | 1.99    | .08436  | .000    | 1        |
| S4        | .25000       | .24845      | -.002      | -.619   | .16446  | .000    | 1        |
| S5        | .50000       | .49889      | -.001      | -.221   | .33034  | .000    | 1        |

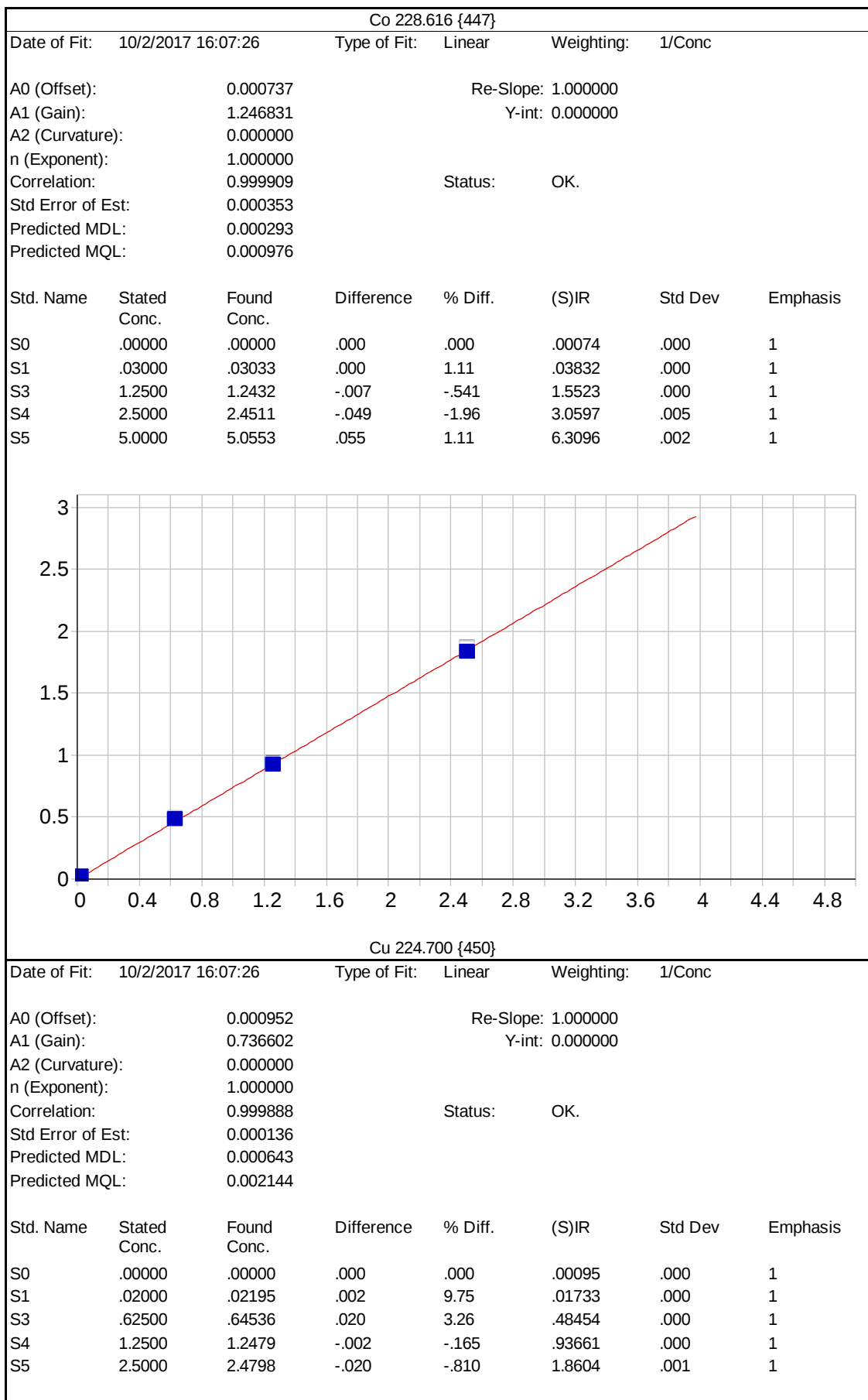


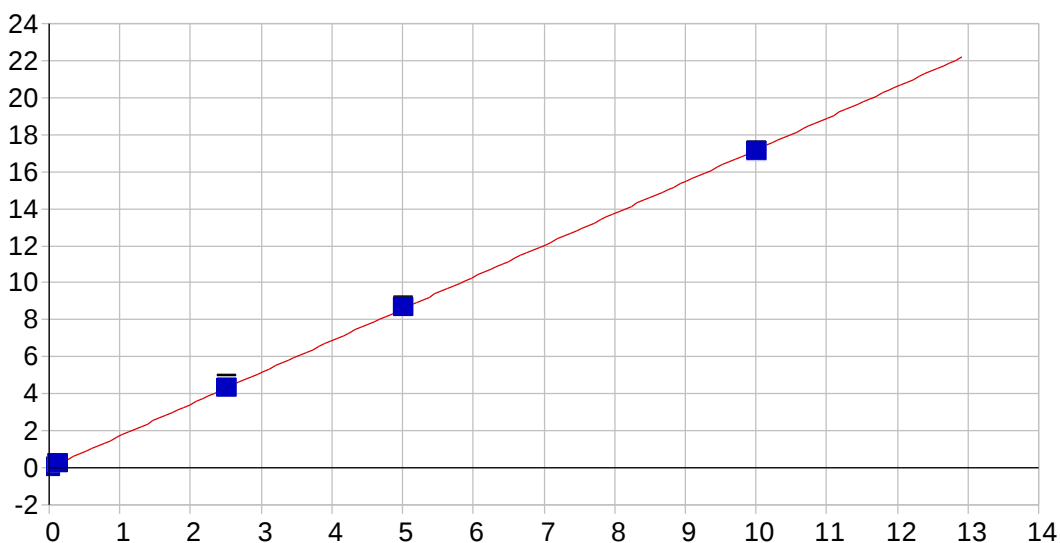




| Cr 267.716 {126}                |              |              |            |            |          |         |          |
|---------------------------------|--------------|--------------|------------|------------|----------|---------|----------|
| Date of Fit: 10/2/2017 16:07:26 |              | Type of Fit: | Linear     | Weighting: | 1/Conc   |         |          |
| A0 (Offset):                    |              | 0.000054     | Re-Slope:  |            | 1.000000 |         |          |
| A1 (Gain):                      |              | 0.116379     | Y-int:     |            | 0.000000 |         |          |
| A2 (Curvature):                 |              | 0.000000     |            |            |          |         |          |
| n (Exponent):                   |              | 1.000000     |            |            |          |         |          |
| Correlation:                    |              | 0.999985     | Status:    | OK.        |          |         |          |
| Std Error of Est:               |              | 0.000005     |            |            |          |         |          |
| Predicted MDL:                  |              | 0.000565     |            |            |          |         |          |
| Predicted MQL:                  |              | 0.001882     |            |            |          |         |          |
|                                 |              |              |            |            |          |         |          |
| Std. Name                       | Stated Conc. | Found Conc.  | Difference | % Diff.    | (S)IR    | Std Dev | Emphasis |
| S0                              | .00000       | .00000       | .000       | .000       | .00005   | .000    | 1        |
| S1                              | .01000       | .00950       | -.001      | -5.01      | .00116   | .000    | 1        |
| S3                              | .50000       | .50599       | .006       | 1.20       | .05900   | .000    | 1        |
| S4                              | 1.0000       | .99873       | -.001      | -.127      | .11641   | .001    | 1        |
| S5                              | 2.0000       | 1.9958       | -.004      | -.211      | .23257   | .001    | 1        |







Fe 240.488 {140}

Date of Fit: 10/2/2017 16:07:26

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.003245

Re-Slope: 1.000000

A1 (Gain): 1.716835

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999941

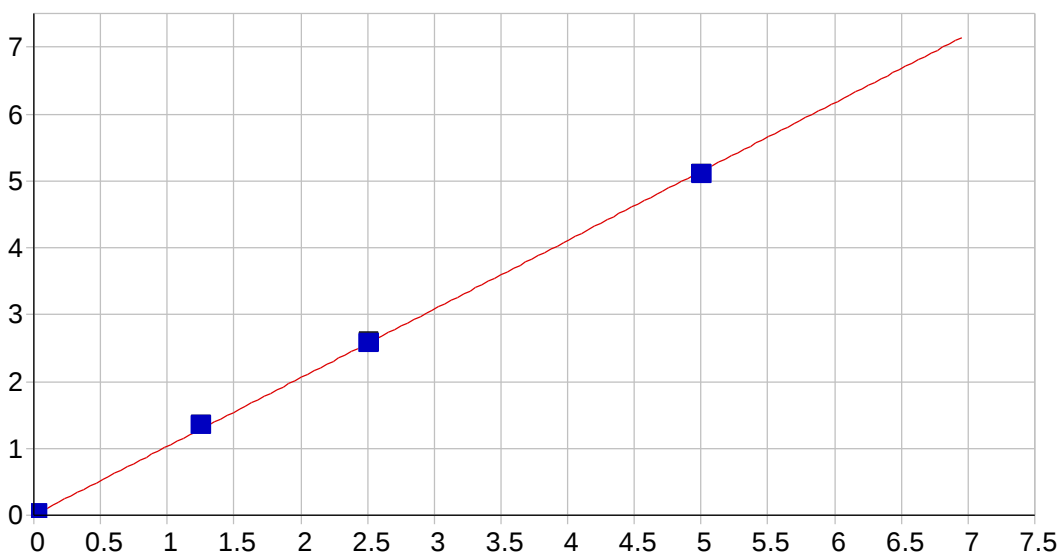
Status: OK.

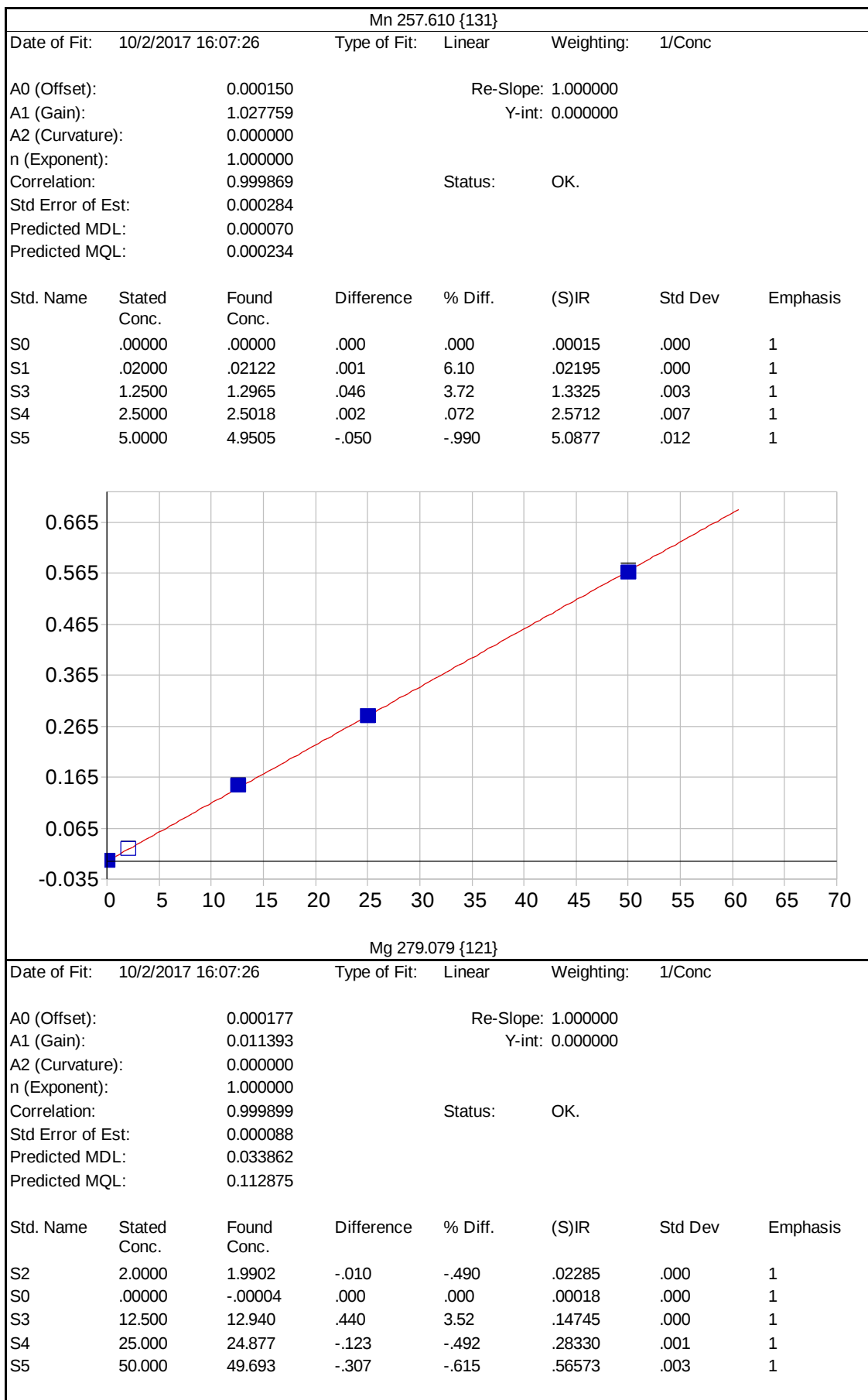
Std Error of Est: 0.001009

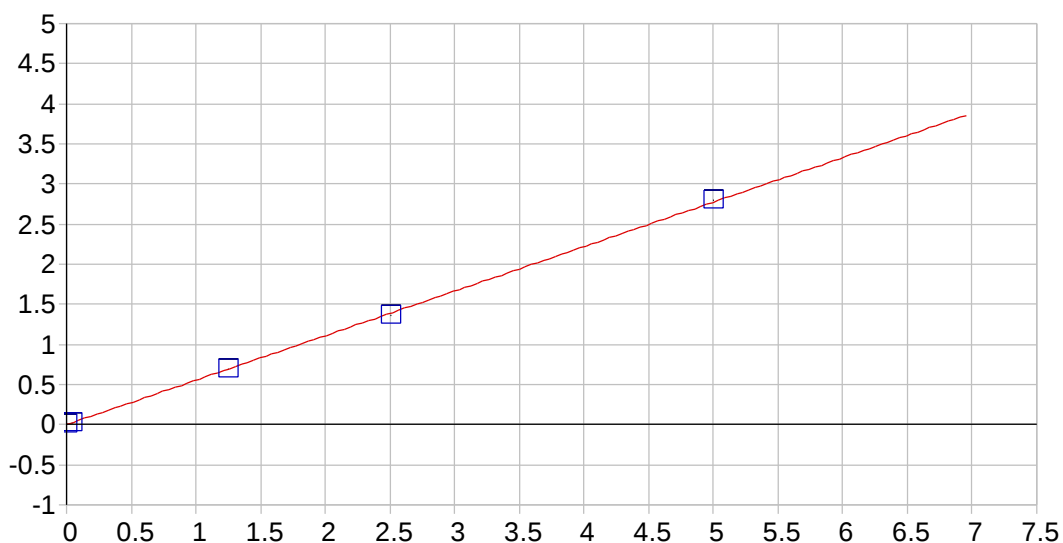
Predicted MDL: 0.008770

Predicted MQL: 0.029235

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | .000       | .000    | .00322 | .032    | 1        |
| S1        | .10000       | .11259      | .013       | 12.6    | .19635 | .004    | 1        |
| S3        | 2.5000       | 2.5129      | .013       | .516    | 4.3098 | .149    | 1        |
| S4        | 5.0000       | 5.0271      | .027       | .541    | 8.6184 | .092    | 1        |
| S5        | 10.000       | 9.9474      | -.053      | -.526   | 17.050 | .002    | 1        |





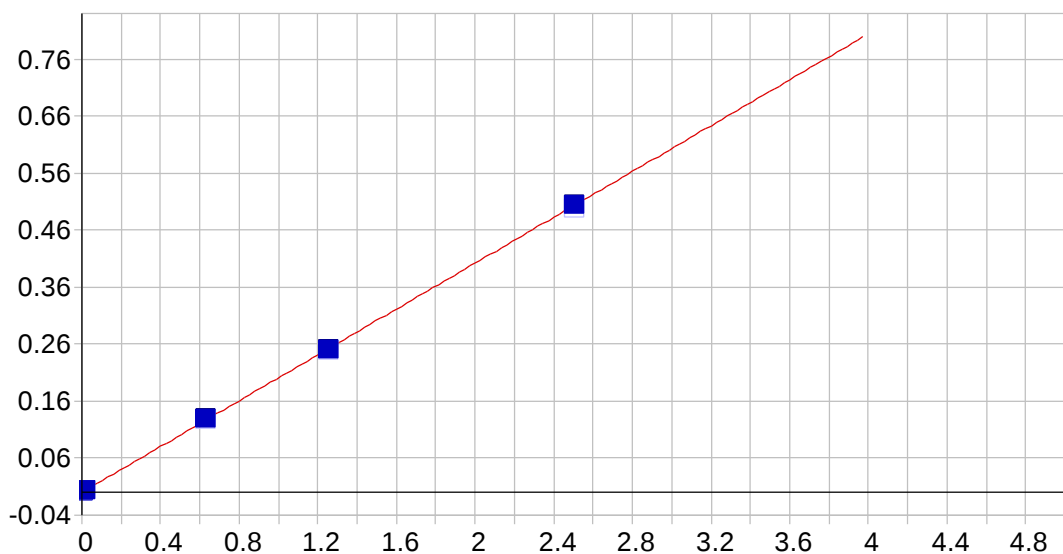


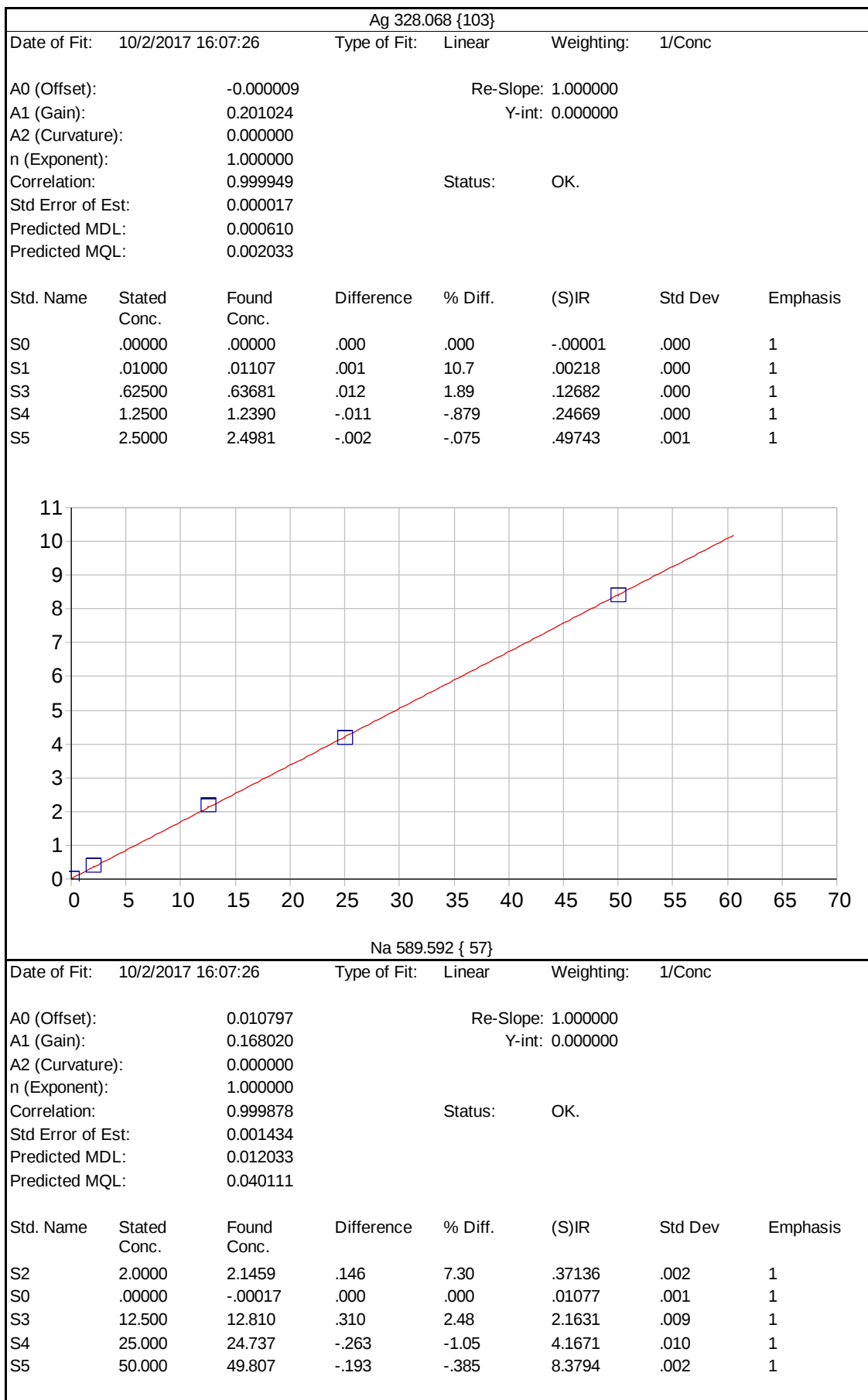
Ni 231.604 {445}

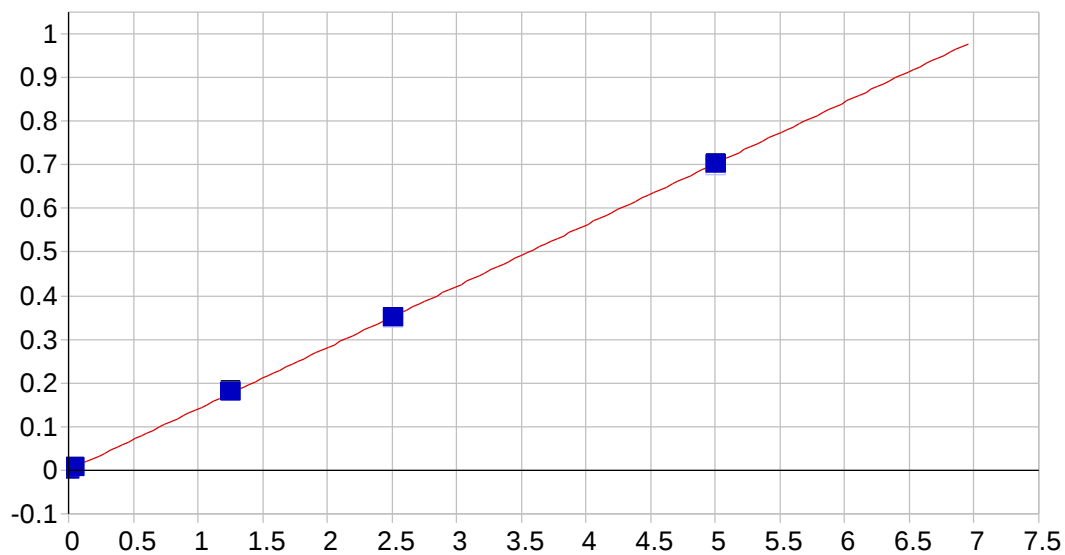
Date of Fit: 10/2/2017 16:07:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000384 Re-Slope: 1.000000  
 A1 (Gain): 0.554928 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999943 Status: OK.  
 Std Error of Est: 0.000144  
 Predicted MDL: 0.000569  
 Predicted MQL: 0.001898

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00038 | .000    | 1        |
| S1        | .04000       | .03976      | .000       | -.611   | .02168  | .000    | 1        |
| S3        | 1.2500       | 1.2469      | -.003      | -.247   | .69156  | .001    | 1        |
| S4        | 2.5000       | 2.4603      | -.040      | -1.59   | 1.3649  | .003    | 1        |
| S5        | 5.0000       | 5.0430      | .043       | .860    | 2.7981  | .002    | 1        |







V 292.402 {115}

Date of Fit: 10/2/2017 16:07:26

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000158

Re-Slope: 1.000000

A1 (Gain): 0.140628

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999944

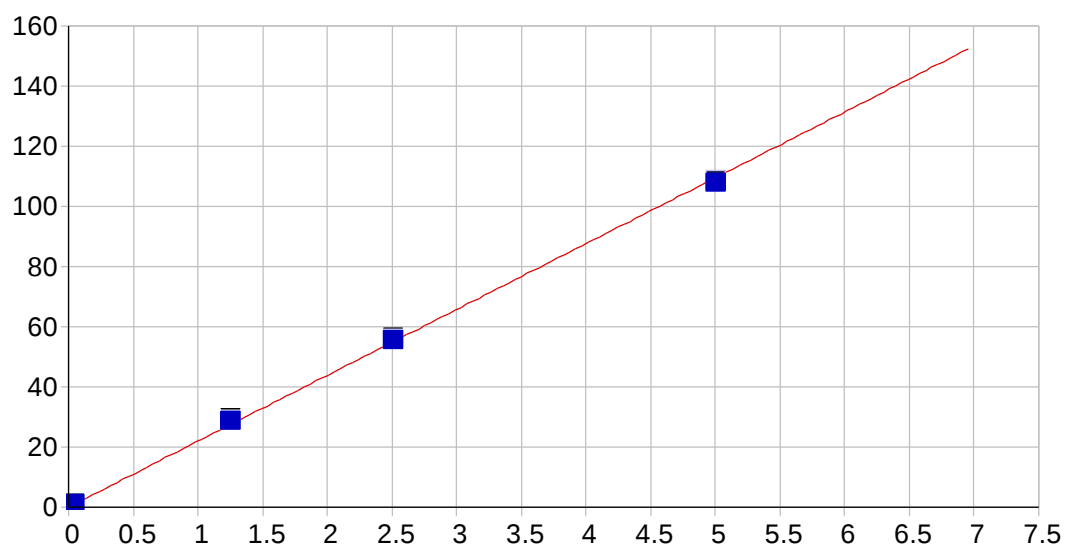
Status: OK.

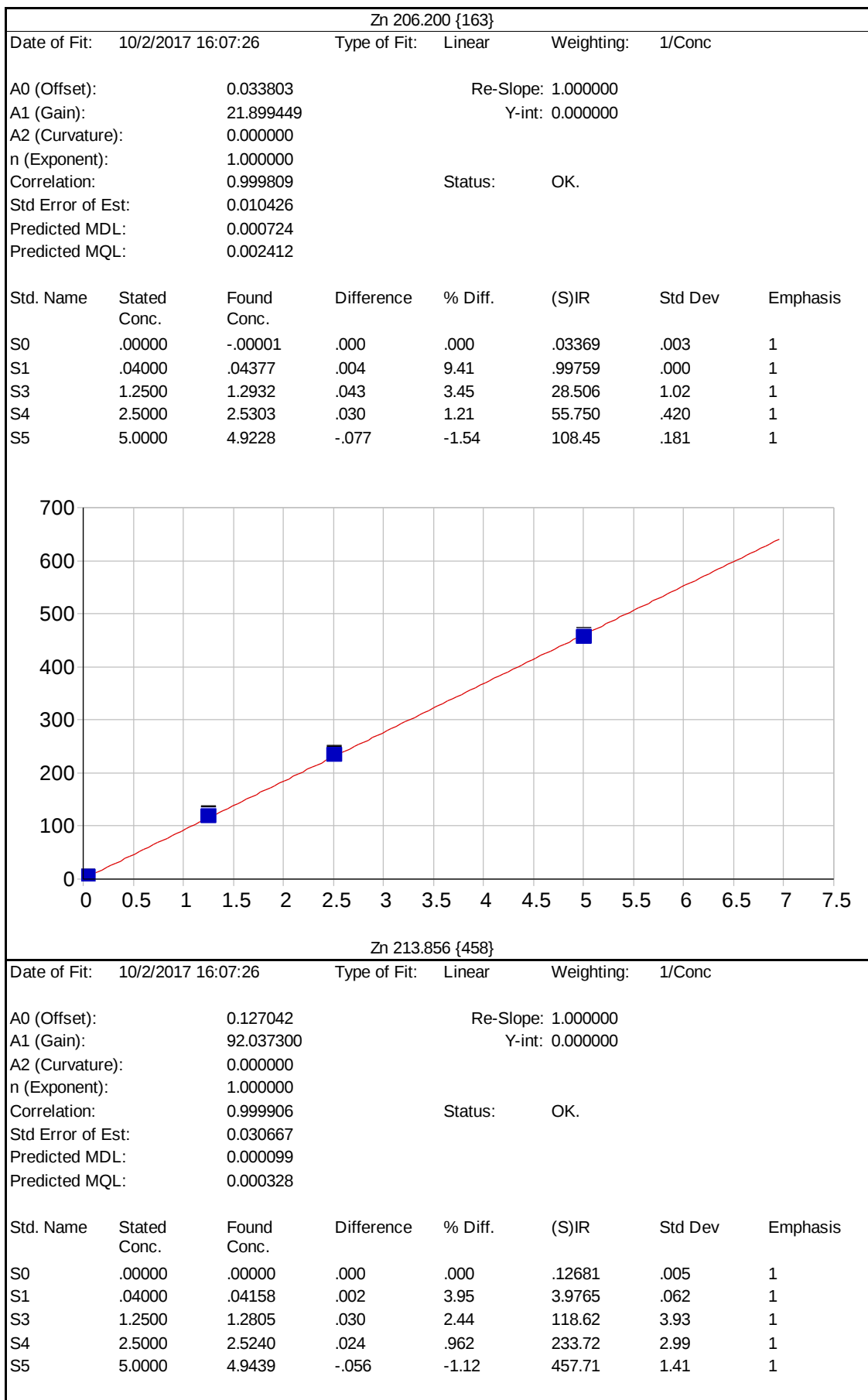
Std Error of Est: 0.000036

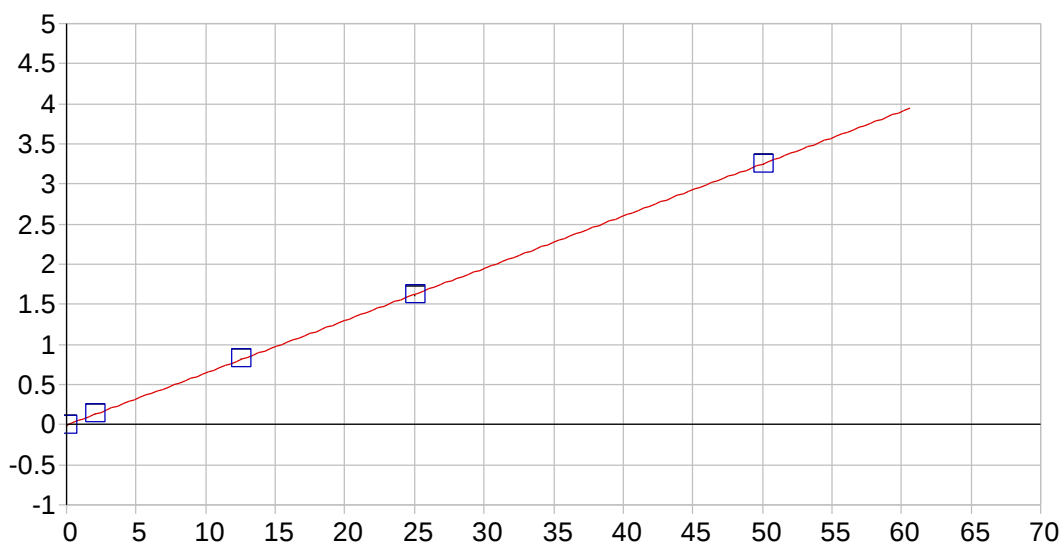
Predicted MDL: 0.000606

Predicted MQL: 0.002019

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00016 | .000    | 1        |
| S1        | .04000       | .04055      | .001       | 1.37    | .00545  | .000    | 1        |
| S3        | 1.2500       | 1.2819      | .032       | 2.55    | .17898  | .000    | 1        |
| S4        | 2.5000       | 2.4867      | -.013      | -.531   | .34728  | .000    | 1        |
| S5        | 5.0000       | 4.9809      | -.019      | -.382   | .69577  | .001    | 1        |





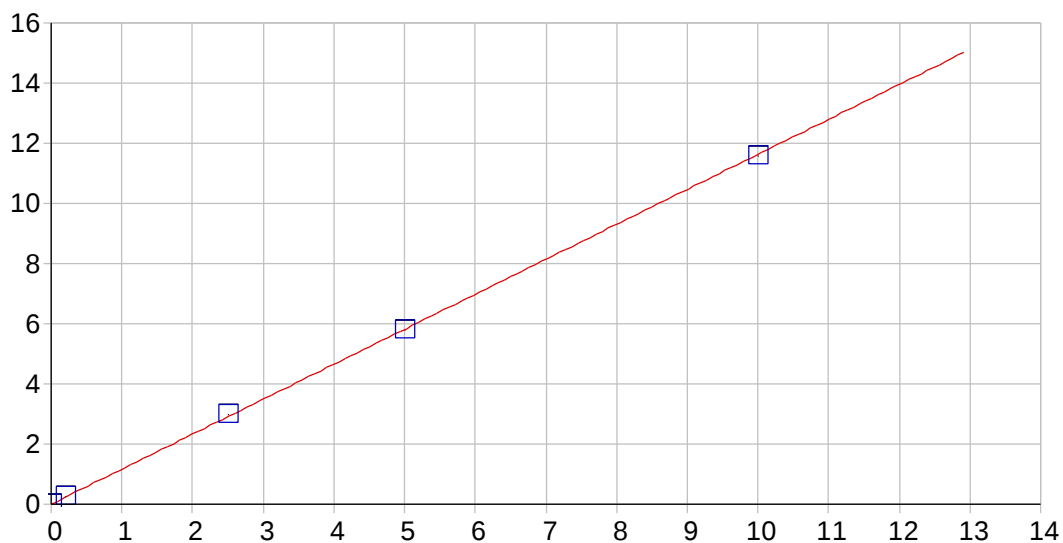


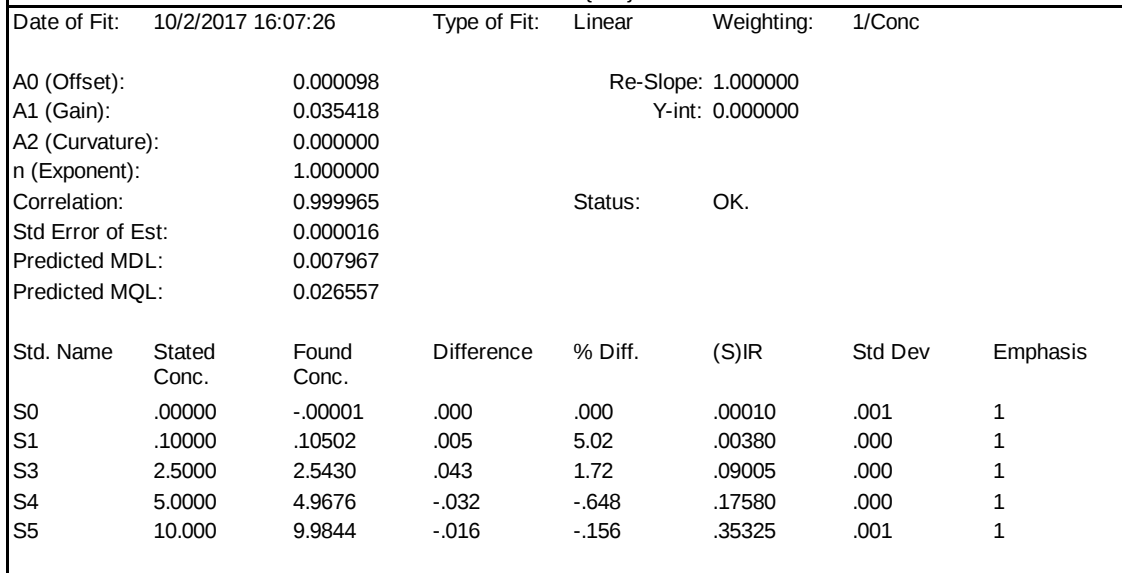
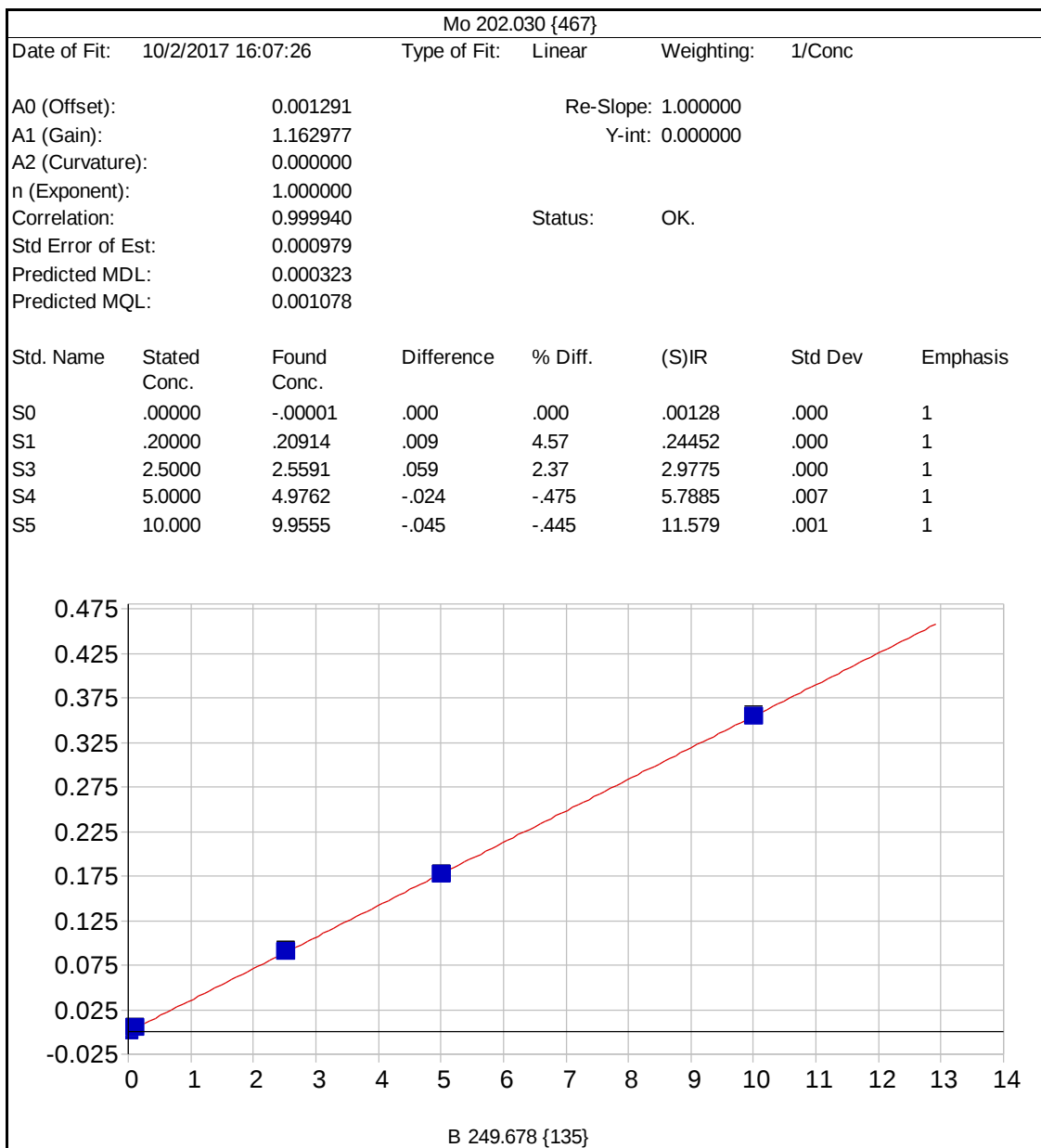
K 766.490 { 44}

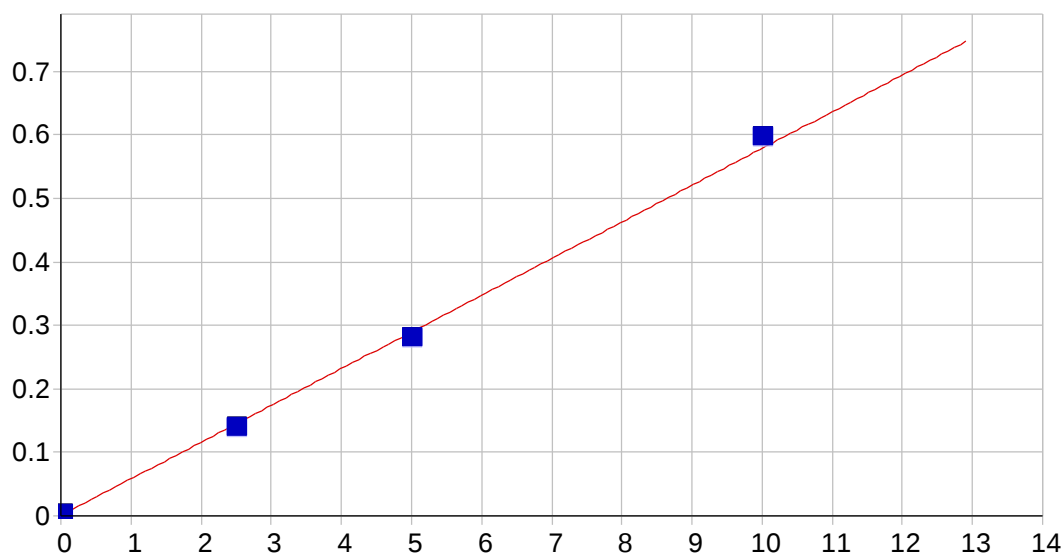
Date of Fit: 10/2/2017 16:07:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.006394 Re-Slope: 1.000000  
 A1 (Gain): 0.065147 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999956 Status: OK.  
 Std Error of Est: 0.000334  
 Predicted MDL: 0.038220  
 Predicted MQL: 0.127400

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S2        | 2.0000       | 2.0621      | .062       | 3.11    | .12795  | .001    | 1        |
| S0        | .00000       | -.00008     | .000       | .000    | -.00640 | .000    | 1        |
| S3        | 12.500       | 12.732      | .232       | 1.85    | .82303  | .001    | 1        |
| S4        | 25.000       | 24.811      | -.189      | -.758   | 1.6099  | .005    | 1        |
| S5        | 50.000       | 49.896      | -.104      | -.209   | 3.2442  | .005    | 1        |







S 182.034 {485}

Date of Fit: 10/2/2017 16:07:26

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000385

Re-Slope: 1.000000

A1 (Gain): 0.057815

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999404

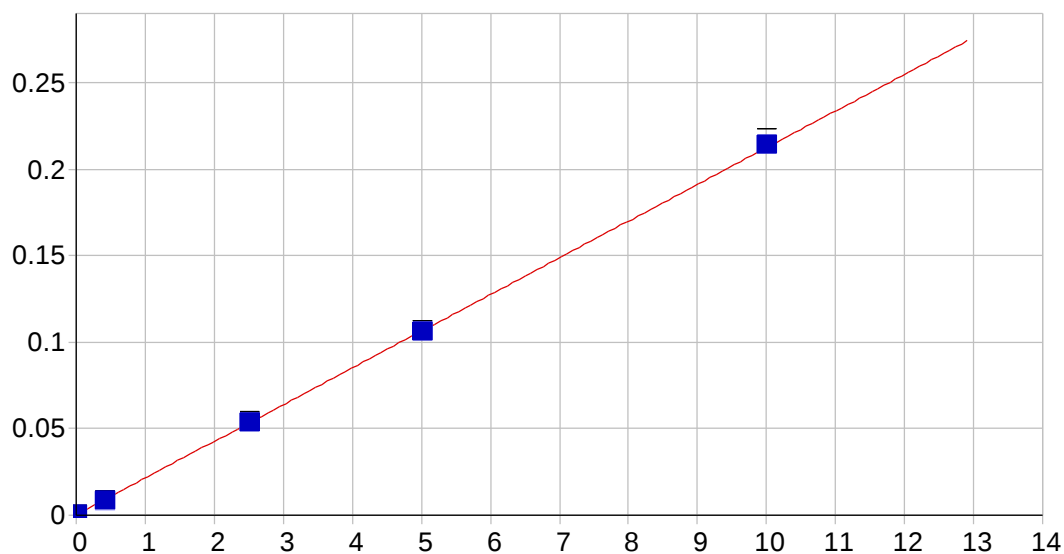
Status: OK.

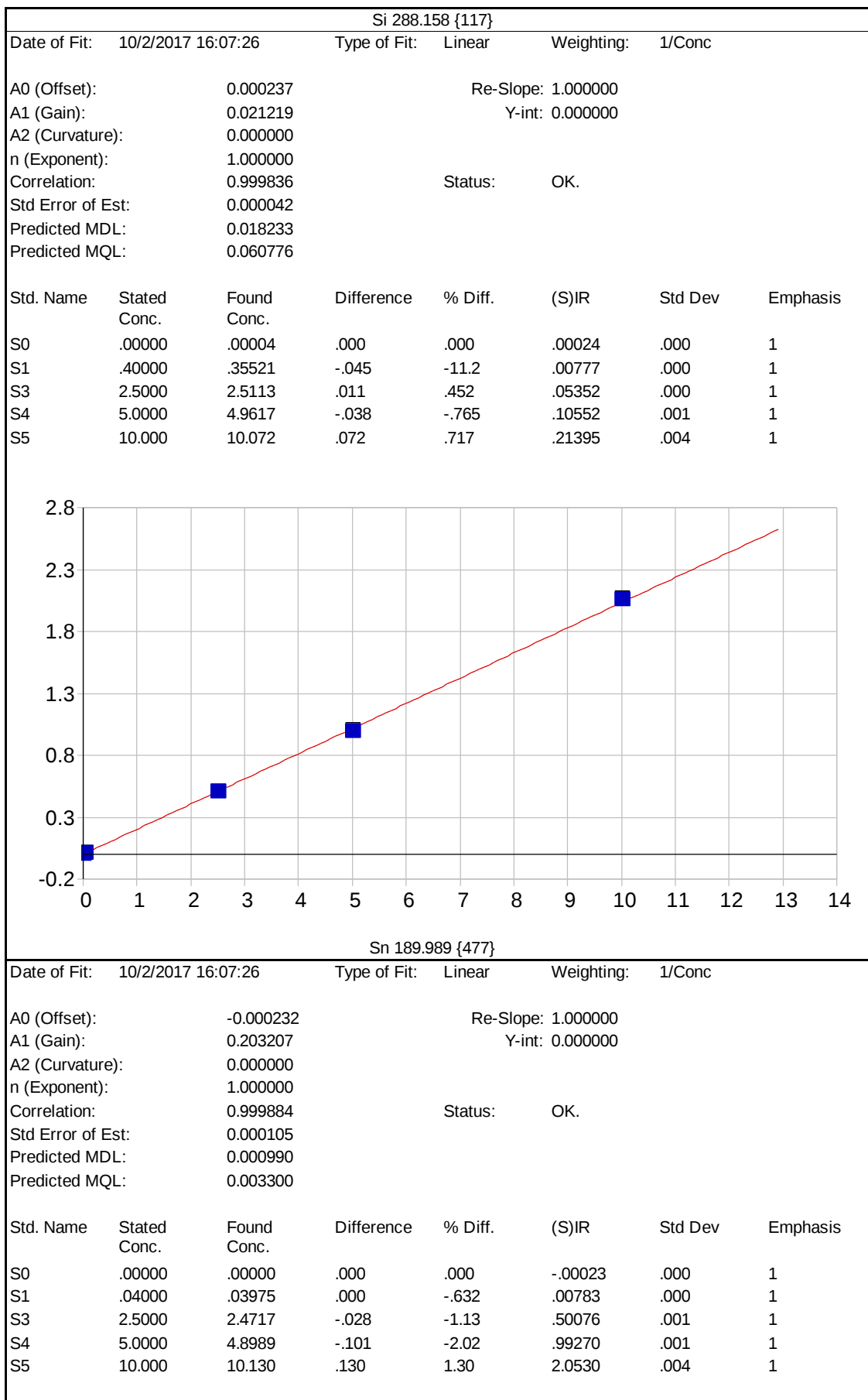
Std Error of Est: 0.000048

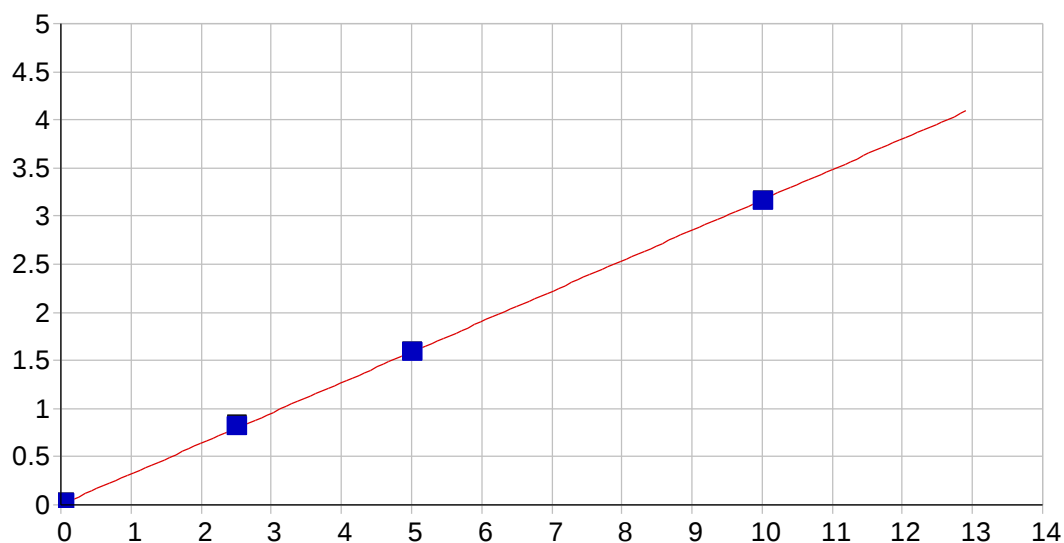
Predicted MDL: 0.003442

Predicted MQL: 0.011474

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00038 | .000    | 1        |
| S1        | .02000       | .01956      | .000       | -2.20   | .00148 | .000    | 1        |
| S3        | 2.5000       | 2.3814      | -.119      | -4.74   | .13777 | .001    | 1        |
| S4        | 5.0000       | 4.8219      | -.178      | -3.56   | .27856 | .001    | 1        |
| S5        | 10.000       | 10.297      | .297       | 2.97    | .59451 | .001    | 1        |







Ti 336.121 {100}

Date of Fit: 10/2/2017 16:07:26

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.003745

Re-Slope: 1.000000

A1 (Gain): 0.316466

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999931

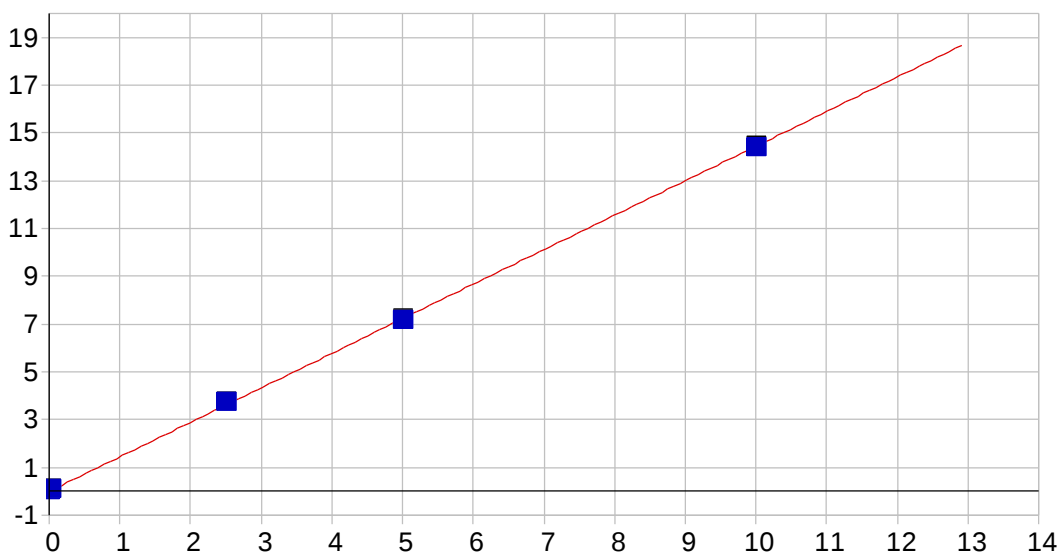
Status: OK.

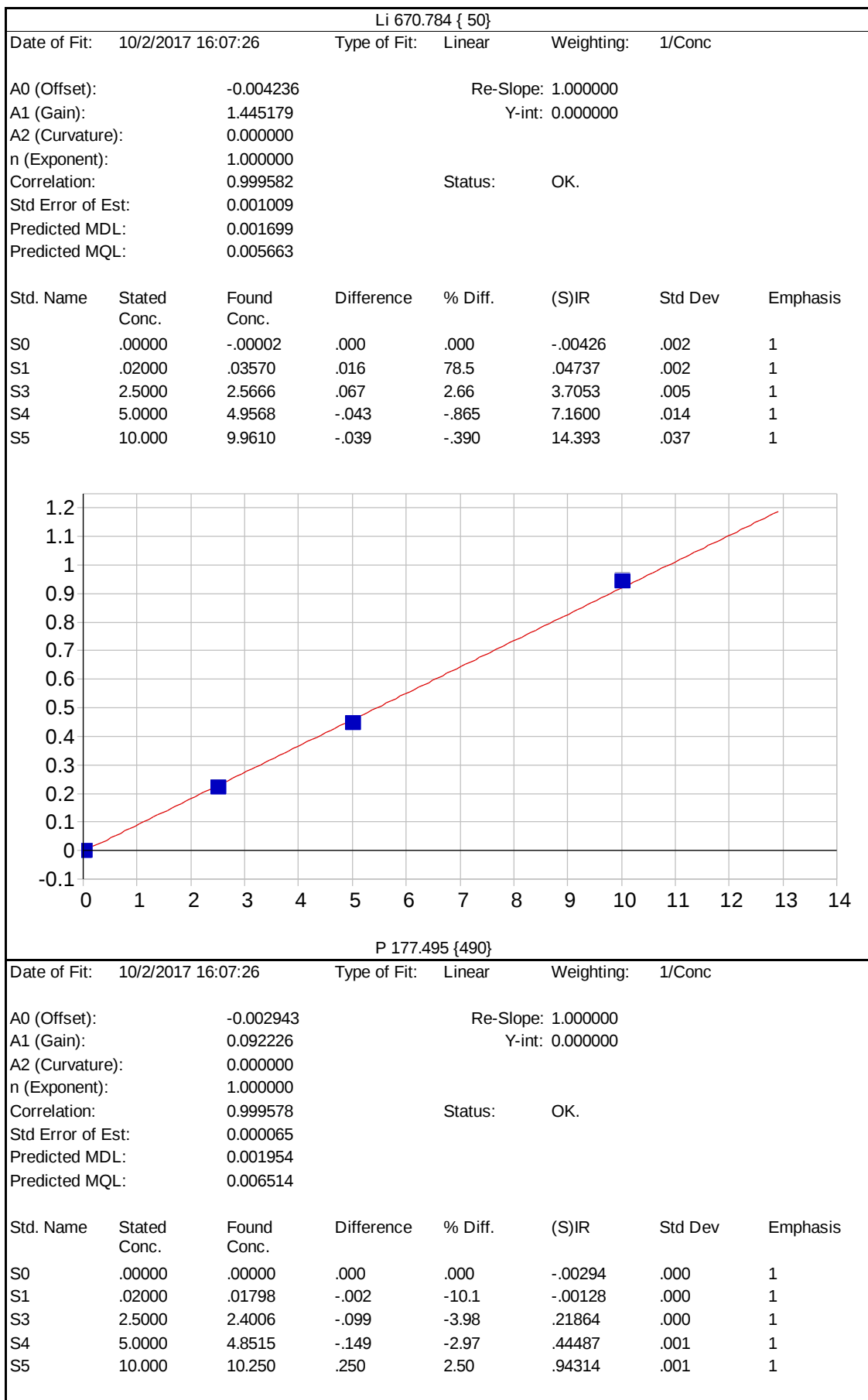
Std Error of Est: 0.000127

Predicted MDL: 0.001818

Predicted MQL: 0.006062

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00374 | .000    | 1        |
| S1        | .04000       | .04015      | .000       | .385    | .01644 | .000    | 1        |
| S3        | 2.5000       | 2.5711      | .071       | 2.84    | .81705 | .003    | 1        |
| S4        | 5.0000       | 4.9899      | -.010      | -.202   | 1.5821 | .004    | 1        |
| S5        | 10.000       | 9.9389      | -.061      | -.611   | 3.1476 | .000    | 1        |



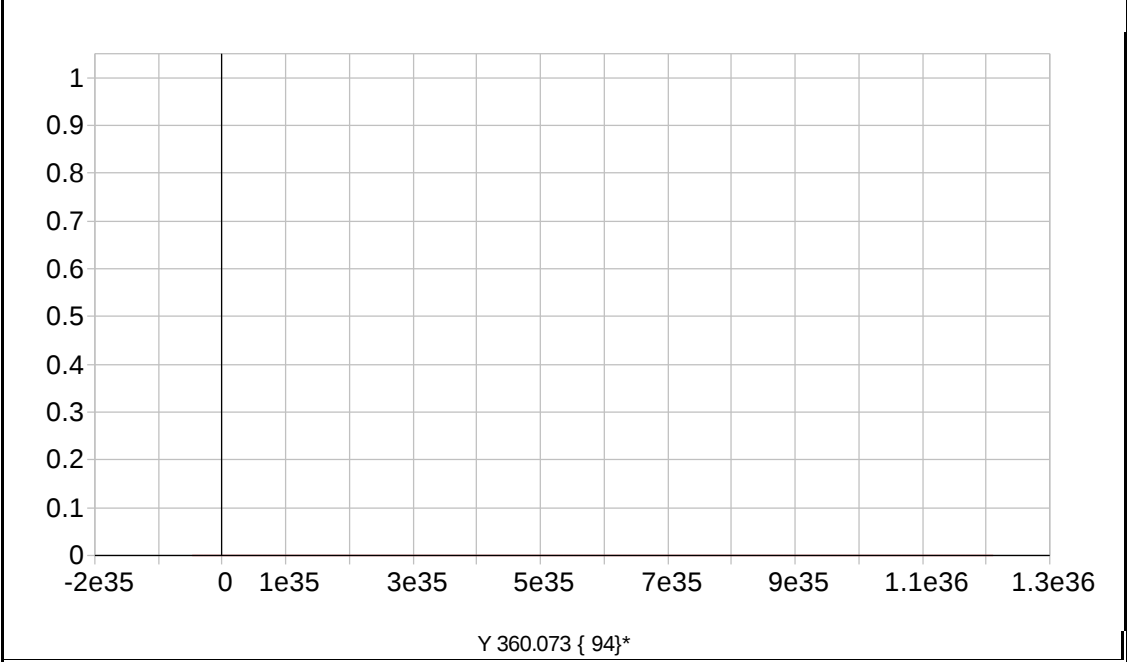




Date of Fit: <not fit>      Type of Fit: Linear      Weighting: 1/Conc

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

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



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

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

Status:      Warning      Zero Gain

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

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

Re-Slope: 1.000000  
Y-int: 0.000000

Status:      Warning      Zero Gain

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



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

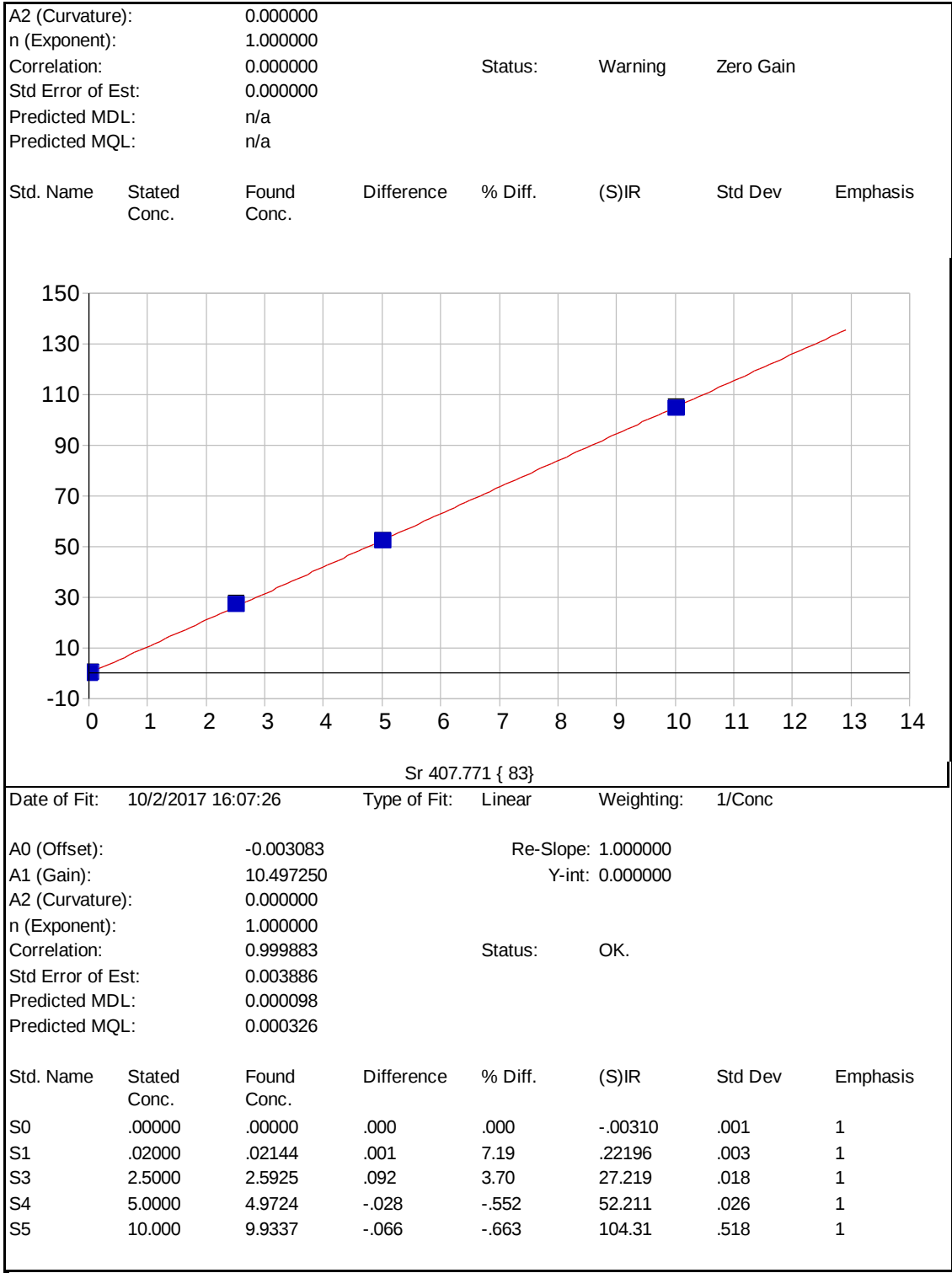
A0 (Offset): 0.000000      Re-Slope: 1.000000  
A1 (Gain): 0.000000      Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.000000      Status: Warning      Zero Gain  
Std Error of Est: 0.000000  
Predicted MDL: n/a  
Predicted MQL: n/a

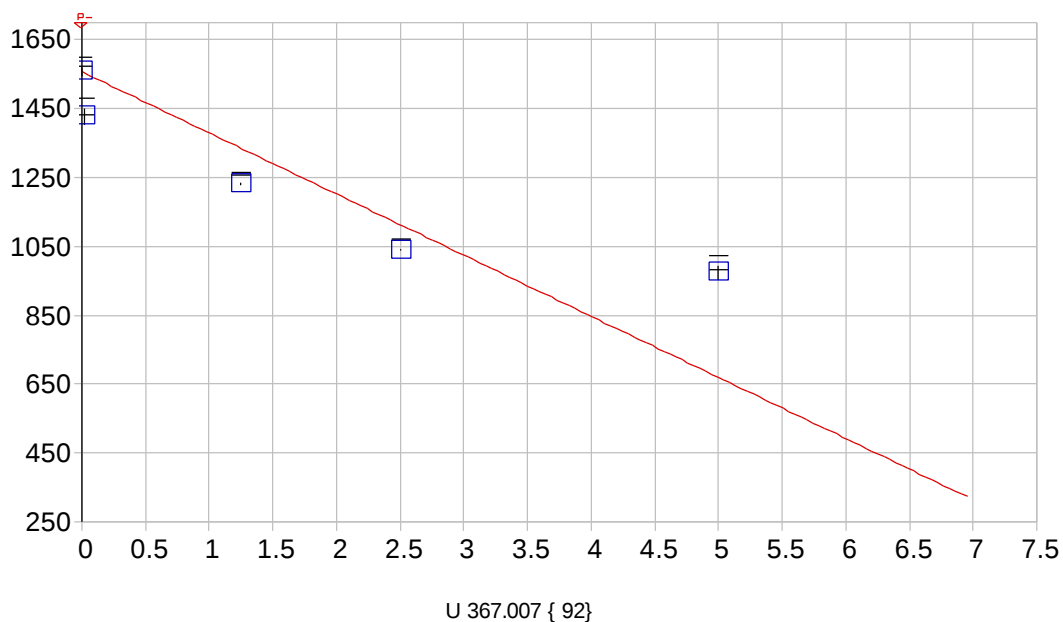
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|-------|---------|----------|
|-----------|--------------|-------------|------------|---------|-------|---------|----------|



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

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

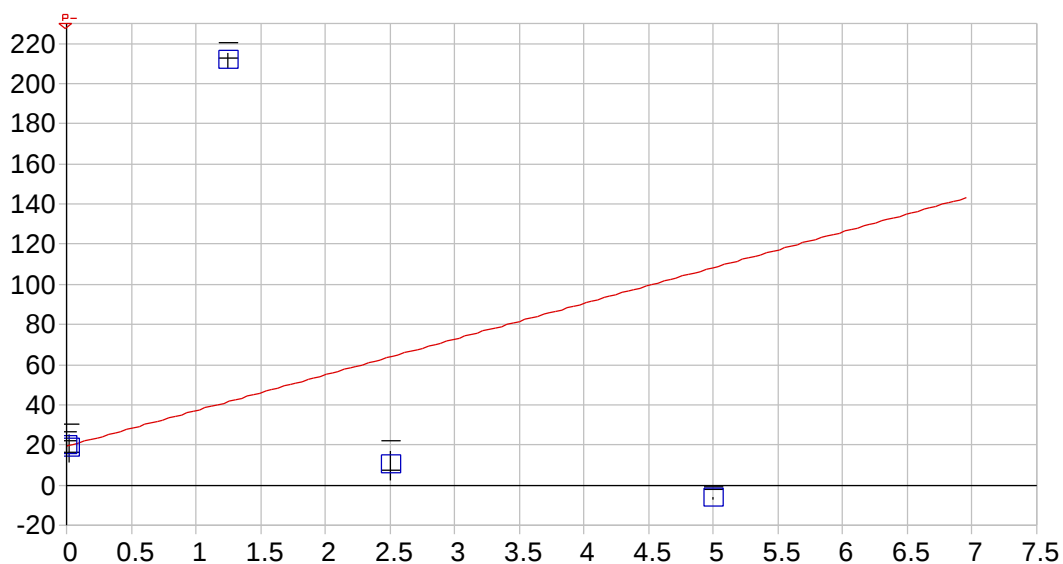




Date of Fit: 10/2/2017 16:07:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 1557.113549 Re-Slope: 1.000000  
 A1 (Gain): -177.528178 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.500395 Status: Warning Negative Gain  
 Std Error of Est: 5.249030  
 Predicted MDL: n/a  
 Predicted MQL: n/a

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00072     | -.001      | .000    | 1557.2 | 14.0    | 1        |
| S1        | .02000       | .73120      | .711       | 3560.   | 1427.3 | 24.4    | 1        |
| S3        | 1.2500       | 1.8396      | .590       | 47.2    | 1230.5 | 3.72    | 1        |
| S4        | 2.5000       | 2.9169      | .417       | 16.7    | 1039.3 | 1.31    | 1        |
| S5        | 5.0000       | 3.2823      | -1.72      | -34.4   | 974.40 | 19.9    | 1        |



| U 385.958 { 87}   |                    |             |                    |         |            |         |          |
|-------------------|--------------------|-------------|--------------------|---------|------------|---------|----------|
| Date of Fit:      | 10/2/2017 16:07:26 |             | Type of Fit:       | Linear  | Weighting: | 1/Conc  |          |
| A0 (Offset):      | 19.288259          |             | Re-Slope: 1.000000 |         |            |         |          |
| A1 (Gain):        | 17.810506          |             | Y-int: 0.000000    |         |            |         |          |
| A2 (Curvature):   | 0.000000           |             |                    |         |            |         |          |
| n (Exponent):     | 1.000000           |             |                    |         |            |         |          |
| Correlation:      | 0.305501           |             | Status:            | OK.     |            |         |          |
| Std Error of Est: | 0.948628           |             |                    |         |            |         |          |
| Predicted MDL:    | 0.696093           |             |                    |         |            |         |          |
| Predicted MQL:    | 2.320310           |             |                    |         |            |         |          |
|                   |                    |             |                    |         |            |         |          |
| Std. Name         | Stated Conc.       | Found Conc. | Difference         | % Diff. | (S)IR      | Std Dev | Emphasis |
| S0                | .00000             | -.00003     | .000               | .000    | 19.288     | 2.18    | 1        |
| S1                | .02000             | -.05761     | -.078              | -388.   | 18.262     | 6.74    | 1        |
| S3                | 1.2500             | 10.798      | 9.55               | 764.    | 211.60     | 3.91    | 1        |
| S4                | 2.5000             | -.52563     | -3.03              | -121.   | 9.9266     | 7.33    | 1        |
| S5                | 5.0000             | -1.4443     | -6.44              | -129.   | -6.4358    | .563    | 1        |

Sample Name: S0      Acquired: 10/2/2017 12:56:53      Type: Cal  
Method: P4-ICP2(v1733)      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    | .00035 | .00002 | .00012 | .00037 | .00018 | .00003 | .02611 | .00009 |
| Stddev | .00016 | .00008 | .00037 | .00011 | .00023 | .00001 | .00285 | .00001 |
| %RSD   | 44.702 | 368.25 | 304.06 | 30.793 | 129.42 | 35.341 | 10.901 | 14.416 |

|    |         |         |         |        |        |         |        |         |
|----|---------|---------|---------|--------|--------|---------|--------|---------|
| #1 | -.00024 | -.00008 | .00014  | .00029 | .00002 | -.00002 | .02410 | -.00008 |
| #2 | -.00046 | .00004  | -.00038 | .00045 | .00035 | -.00003 | .02813 | -.00010 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .00025 | .00070 | .00005 | .00074 | .00095 | .00322 | .00015 | .00018 |
| Stddev | .00018 | .00038 | .00011 | .00013 | .00044 | .03154 | .00002 | .00046 |
| %RSD   | 69.922 | 54.533 | 205.66 | 17.984 | 45.906 | 978.74 | 12.096 | 258.82 |

|    |         |        |         |        |        |         |        |         |
|----|---------|--------|---------|--------|--------|---------|--------|---------|
| #1 | -.00038 | .00097 | .00013  | .00083 | .00064 | .02552  | .00014 | -.00015 |
| #2 | -.00013 | .00043 | -.00002 | .00064 | .00126 | -.01908 | .00016 | .00050  |

|        |        |        |        |         |        |         |        |         |
|--------|--------|--------|--------|---------|--------|---------|--------|---------|
| 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    | .00038 | .00001 | .01077 | .00016  | .12681 | .00640  | .00128 | .00010  |
| Stddev | .00002 | .00002 | .00080 | .00006  | .00475 | .00039  | .00000 | .00059  |
| %RSD   | 4.4296 | 235.16 | 7.3827 | 37.271  | 3.7421 | 6.0626  | .36046 | 602.85  |

|    |         |         |        |         |        |         |        |         |
|----|---------|---------|--------|---------|--------|---------|--------|---------|
| #1 | -.00040 | .00001  | .01021 | -.00012 | .12346 | -.00612 | .00127 | .00051  |
| #2 | -.00037 | -.00002 | .01133 | -.00020 | .13017 | -.00667 | .00128 | -.00032 |

|        |         |        |        |        |        |         |        |         |
|--------|---------|--------|--------|--------|--------|---------|--------|---------|
| Elem   | S_ 1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_ 1774 | Sr4077 | U_ 3670 |
| Units  | Cts/S   | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S   | Cts/S  | Cts/S   |
| Avg    | .00038  | .00024 | .00023 | .00374 | .00426 | .0029   | .00310 | 1557.2  |
| Stddev | .00011  | .00009 | .00008 | .00010 | .00157 | .0001   | .00098 | 14.0    |
| %RSD   | 29.584  | 37.467 | 36.396 | 2.5866 | 36.840 | 2.707   | 31.500 | .90087  |

|    |        |        |         |        |         |        |         |        |
|----|--------|--------|---------|--------|---------|--------|---------|--------|
| #1 | .00030 | .00030 | -.00017 | .00381 | -.00315 | -.0029 | -.00379 | 1547.3 |
| #2 | .00047 | .00017 | -.00029 | .00368 | -.00537 | -.0030 | -.00241 | 1567.2 |

Sample Name: S0      Acquired: 10/2/2017 12:56:53      Type: Cal  
Method: P4-ICP2(v1733)      Mode: IR      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |         |
|--------|---------|
| Elem   | U_ 3859 |
| Units  | Cts/S   |
| Avg    | 19.288  |
| Stddev | 2.180   |
| %RSD   | 11.302  |

|    |        |
|----|--------|
| #1 | 17.746 |
| #2 | 20.829 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2246.8  | 30160.  | 5949.0  | 32.782 | 3068.1 |
| Stddev    | 7.0     | 40.     | 51.3    | 3.523  | 10.9   |
| %RSD      | .31177  | .06700  | .86164  | 3.7967 | .35499 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2241.9 | 60132. | 5985.2 | 95.273 | 3060.4 |
| #2 | 2251.8 | 60189. | 5912.7 | 90.291 | 3075.8 |

Sample Name: S1      Acquired: 10/2/2017 13:01:00      Type: Cal  
Method: P4-ICP2(v1733)      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    | .00209 | .00442 | .00303 | .00200 | .01056 | .00088 | .48619 | .00398 | .02109 |
| Stddev | .00010 | .00013 | .00007 | .00013 | .00004 | .00012 | .00478 | .00001 | .00002 |
| %RSD   | 4.9147 | 2.9839 | 2.2532 | 6.7096 | .38674 | 13.067 | .98332 | .14947 | .07901 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00202 | .00451 | .00308 | .00210 | .01053 | .00080 | .48957 | .00398 | .02108 |
| #2 | .00217 | .00432 | .00298 | .00191 | .01059 | .00097 | .48281 | .00399 | .02110 |

|        |        |        |        |        |        |        |        |         |        |
|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|
| 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    | .00116 | .03832 | .01733 | .19635 | .02195 | .02168 | .00218 | .00545  | 3.9765 |
| Stddev | .00006 | .00015 | .00000 | .00442 | .00031 | .00019 | .00003 | .00008  | .0621  |
| %RSD   | 5.0283 | .38913 | .01831 | 2.2531 | 1.3893 | .88147 | 1.1678 | 1.5389  | 1.5618 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00112 | .03842 | .01733 | .19322 | .02217 | .02181 | .00220 | .00539 | 4.0204 |
| #2 | .00120 | .03821 | .01733 | .19948 | .02174 | .02154 | .00216 | .00551 | 3.9326 |

|        |        |         |         |        |        |        |        |         |        |
|--------|--------|---------|---------|--------|--------|--------|--------|---------|--------|
| 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    | .24452 | .00380  | .00148  | .00777 | .00783 | .01644 | .04737 | .0013   | .22196 |
| Stddev | .00012 | .00005  | .00004  | .00006 | .00004 | .00009 | .00216 | .0001   | .00322 |
| %RSD   | .04984 | 1.2648  | 2.9098  | .72128 | .54901 | .54338 | 4.5669 | 10.02   | 1.4522 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .24461 | .00384 | .00145 | .00781 | .00780 | .01638 | .04584 | -.0014 | .22424 |
| #2 | .24444 | .00377 | .00151 | .00773 | .00786 | .01650 | .04890 | -.0012 | .21969 |

|        |         |         |
|--------|---------|---------|
| Elem   | U_ 3670 | U_ 3859 |
| Units  | Cts/S   | Cts/S   |
| Avg    | 1427.3  | 18.262  |
| Stddev | 24.4    | 6.738   |
| %RSD   | 1.7068  | 36.899  |

|    |        |        |
|----|--------|--------|
| #1 | 1410.1 | 13.497 |
| #2 | 1444.5 | 23.027 |

Sample Name: S1      Acquired: 10/2/2017 13:01:00      Type: Cal  
Method: P4-ICP2(v1733)      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       | 2196.6  | 57276.  | 5740.2  | 39.364 | 3002.9 |
| Stddev    | 7.2     | 334.    | 30.8    | 1.588  | 10.5   |
| %RSD      | .32834  | .58354  | .53624  | 1.7768 | .34929 |
| #1        | 2191.5  | 57040.  | 5718.5  | 88.241 | 2995.5 |
| #2        | 2201.7  | 57512.  | 5762.0  | 90.486 | 3010.4 |

Sample Name: S2      Acquired: 10/2/2017 13:05:25      Type: Cal  
 Method: P4-ICP2(v1733)      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    | .08595 | .02285 | .37136 | .12795  |
| Stddev | .00085 | .00014 | .00189 | .00149  |
| %RSD   | .98653 | .62762 | .50851 | 1.1653  |

|    |        |        |        |        |
|----|--------|--------|--------|--------|
| #1 | .08655 | .02295 | .37269 | .12689 |
| #2 | .08535 | .02275 | .37002 | .12900 |

|           |         |
|-----------|---------|
| Int. Std. | Y_ 3710 |
| Units     | Cts/S   |
| Avg       | 5626.1  |
| Stddev    | 6.6     |
| %RSD      | .11661  |

|    |        |
|----|--------|
| #1 | 5630.8 |
| #2 | 5621.5 |

Sample Name: S3      Acquired: 10/2/2017 13:10:31      Type: Cal  
Method: P4-ICP2(v1733)      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    | .27254 | .28783 | .65281 | .19834 | .50747 | .04164 | .23.597 | .08436 | 4.3220 |
| Stddev | .00123 | .00025 | .00015 | .00010 | .00008 | .00017 | .025    | .00009 | .0002  |
| %RSD   | .45187 | .08804 | .02223 | .05269 | .01489 | .41795 | .10667  | .10217 | .00482 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .27167 | .28765 | .65271 | .19841 | .50742 | .04152 | 23.615 | .08442 | 4.3222 |
| #2 | .27341 | .28800 | .65292 | .19826 | .50752 | .04177 | 23.579 | .08430 | 4.3219 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .54458 | .05900 | 1.5523 | .48454 | 4.3098 | 1.3325 | .14745 | .69156 | .12682 |
| Stddev | .00067 | .00004 | .0002  | .00041 | .1491  | .0027  | .00042 | .00054 | .00025 |
| %RSD   | .12339 | .06719 | .01467 | .08563 | 3.4603 | .20328 | .28256 | .07818 | .19473 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .54505 | .05903 | 1.5521 | .48424 | 4.4152 | 1.3344 | .14775 | .69118 | .12664 |
| #2 | .54410 | .05898 | 1.5524 | .48483 | 4.2043 | 1.3306 | .14716 | .69194 | .12699 |

|        |        |         |        |         |        |         |         |        |        |
|--------|--------|---------|--------|---------|--------|---------|---------|--------|--------|
| Elem   | Na5895 | V_ 2924 | Zn2138 | K_ 7664 | Mo2020 | B_ 2496 | S_ 1820 | Si2881 | Sn1899 |
| Units  | Cts/S  | Cts/S   | Cts/S  | Cts/S   | Cts/S  | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg    | 2.1631 | .17898  | 118.62 | .82303  | 2.9775 | .09005  | .13777  | .05352 | .50076 |
| Stddev | .0091  | .00018  | 3.93   | .00075  | .0004  | .00040  | .00050  | .00012 | .00076 |
| %RSD   | .42037 | .10101  | 3.3159 | .09154  | .01459 | .44513  | .36297  | .22047 | .15129 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.1696 | .17911 | 121.40 | .82357 | 2.9772 | .09033 | .13741 | .05344 | .50022 |
| #2 | 2.1567 | .17885 | 115.84 | .82250 | 2.9778 | .08976 | .13812 | .05361 | .50129 |

|        |        |        |         |        |         |         |
|--------|--------|--------|---------|--------|---------|---------|
| Elem   | Ti3361 | Li6707 | P_ 1774 | Sr4077 | U_ 3670 | U_ 3859 |
| Units  | Cts/S  | Cts/S  | Cts/S   | Cts/S  | Cts/S   | Cts/S   |
| Avg    | .81705 | 3.7053 | .2186   | 27.219 | 1230.5  | 211.60  |
| Stddev | .00263 | .0052  | .0000   | .018   | 3.7     | 3.91    |
| %RSD   | .32168 | .13945 | .0110   | .06556 | .30232  | 1.8486  |

|    |        |        |       |        |        |        |
|----|--------|--------|-------|--------|--------|--------|
| #1 | .81890 | 3.7090 | .2186 | 27.207 | 1227.9 | 208.83 |
| #2 | .81519 | 3.7017 | .2187 | 27.232 | 1233.2 | 214.36 |

Sample Name: S3      Acquired: 10/2/2017 13:10:31      Type: Cal  
Method: P4-ICP2(v1733)      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       | 2188.4  | 55344.  | 5498.3  | 38.403 | 2888.3 |
| Stddev    | 4.5     | 198.    | 39.1    | 3.044  | 5.7    |
| %RSD      | .20461  | .35740  | .71152  | 3.4437 | .19595 |
| #1        | 2185.2  | 55204.  | 5470.6  | 86.250 | 2884.3 |
| #2        | 2191.5  | 55484.  | 5526.0  | 90.556 | 2892.3 |

Sample Name: S4      Acquired: 10/2/2017 13:14:30      Type: Cal  
Method: P4-ICP2(v1733)      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    | .53616 | .57122 | 1.2938 | .38876 | .99521 | .08300 | 15.993 | .16446 | 3.5438 |
| Stddev | .00021 | .00092 | .0008  | .00020 | .00137 | .00027 | .080   | .00037 | .0221  |
| %RSD   | .03889 | .16144 | .06389 | .05039 | .13787 | .32240 | .17389 | .22357 | .25882 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .53631 | .57187 | 1.2943 | .38890 | .99618 | .08281 | 45.937 | .16420 | 8.5594 |
| #2 | .53602 | .57057 | 1.2932 | .38862 | .99424 | .08319 | 46.050 | .16472 | 8.5282 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 1.0516 | .11641 | 3.0597 | .93661 | 3.6184 | 2.5712 | .28330 | 1.3649 | .24669 |
| Stddev | .0021  | .00054 | .0047  | .00044 | .0918  | .0066  | .00060 | .0034  | .00001 |
| %RSD   | .20321 | .46646 | .15332 | .04722 | 1.0649 | .25673 | .21181 | .25134 | .00230 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.0501 | .11603 | 3.0630 | .93630 | 8.6833 | 2.5665 | .28288 | 1.3673 | .24669 |
| #2 | 1.0532 | .11680 | 3.0564 | .93693 | 8.5535 | 2.5759 | .28373 | 1.3625 | .24669 |

|        |        |         |        |         |        |         |         |        |        |
|--------|--------|---------|--------|---------|--------|---------|---------|--------|--------|
| Elem   | Na5895 | V_ 2924 | Zn2138 | K_ 7664 | Mo2020 | B_ 2496 | S_ 1820 | Si2881 | Sn1899 |
| Units  | Cts/S  | Cts/S   | Cts/S  | Cts/S   | Cts/S  | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg    | 4.1671 | .34728  | 233.72 | 1.6099  | 5.7885 | .17580  | .27856  | .10552 | .99270 |
| Stddev | .0097  | .00002  | 2.99   | .0055   | .0075  | .00004  | .00096  | .00078 | .00106 |
| %RSD   | .23382 | .00602  | 1.2779 | .33868  | .12918 | .02357  | .34339  | .74159 | .10650 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 4.1602 | .34727 | 235.83 | 1.6061 | 5.7938 | .17577 | .27924 | .10497 | .99345 |
| #2 | 4.1739 | .34730 | 231.60 | 1.6138 | 5.7833 | .17583 | .27789 | .10607 | .99196 |

|        |        |        |         |        |         |         |  |  |  |
|--------|--------|--------|---------|--------|---------|---------|--|--|--|
| Elem   | Ti3361 | Li6707 | P_ 1774 | Sr4077 | U_ 3670 | U_ 3859 |  |  |  |
| Units  | Cts/S  | Cts/S  | Cts/S   | Cts/S  | Cts/S   | Cts/S   |  |  |  |
| Avg    | 1.5821 | 7.1600 | .4449   | 52.211 | 1039.3  | 9.9266  |  |  |  |
| Stddev | .0042  | .0140  | .0009   | .026   | 1.3     | 7.3315  |  |  |  |
| %RSD   | .26826 | .19563 | .2132   | .04943 | .12596  | 73.857  |  |  |  |

|    |        |        |       |        |        |        |  |  |  |
|----|--------|--------|-------|--------|--------|--------|--|--|--|
| #1 | 1.5791 | 7.1501 | .4455 | 52.193 | 1038.4 | 4.7424 |  |  |  |
| #2 | 1.5852 | 7.1699 | .4442 | 52.229 | 1040.2 | 15.111 |  |  |  |

Sample Name: S4      Acquired: 10/2/2017 13:14:30      Type: Cal  
 Method: P4-ICP2(v1733)      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       | 2162.8  | 54266.  | 5520.2  | 35.874 | 2789.3 |
| Stddev    | 2.3     | 98.     | .3      | 1.093  | 4.4    |
| %RSD      | .10522  | .18064  | .00478  | 1.2730 | .15909 |
| #1        | 2161.2  | 54197.  | 5520.0  | 85.101 | 2786.2 |
| #2        | 2164.4  | 54335.  | 5520.4  | 86.647 | 2792.5 |

Sample Name: S5      Acquired: 10/2/2017 13:18:34      Type: Cal  
Method: P4-ICP2(v1733)      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    | 1.0911 | 1.1657 | 2.6665 | .78741 | 2.0082 | .16953 | 91.447 | .33034 |
| Stddev | .0000  | .0025  | .0020  | .00126 | .0056  | .00039 | .073   | .00038 |
| %RSD   | .00062 | .21558 | .07391 | .15988 | .27687 | .23040 | .08023 | .11607 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.0911 | 1.1639 | 2.6651 | .78830 | 2.0122 | .16926 | 91.499 | .33007 |
| #2 | 1.0911 | 1.1674 | 2.6679 | .78652 | 2.0043 | .16981 | 91.395 | .33061 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 17.619 | 2.0899 | .23257 | 3.3096 | 1.8604 | 17.050 | 5.0877 | .56573 |
| Stddev | .006   | .0042  | .00110 | .0017  | .0006  | .002   | .0117  | .00329 |
| %RSD   | .03638 | .19899 | .47409 | .02646 | .03031 | .00986 | .22967 | .58080 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 17.624 | 2.0869 | .23335 | 6.3107 | 1.8600 | 17.049 | 5.0959 | .56340 |
| #2 | 17.615 | 2.0928 | .23179 | 6.3084 | 1.8608 | 17.052 | 5.0794 | .56805 |

|        |        |        |        |         |        |         |        |         |
|--------|--------|--------|--------|---------|--------|---------|--------|---------|
| 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    | 2.7981 | .49743 | 3.3794 | .69577  | 457.71 | 3.2442  | 11.579 | .35325  |
| Stddev | .0024  | .00083 | .0019  | .00085  | 1.41   | .0047   | .001   | .00131  |
| %RSD   | .08600 | .16748 | .02323 | .12207  | .30713 | .14632  | .01098 | .37151  |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.7964 | .49684 | 8.3808 | .69637 | 458.71 | 3.2408 | 11.580 | .35232 |
| #2 | 2.7998 | .49802 | 8.3780 | .69517 | 456.72 | 3.2475 | 11.578 | .35418 |

|        |         |        |        |        |        |         |        |         |
|--------|---------|--------|--------|--------|--------|---------|--------|---------|
| Elem   | S_ 1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_ 1774 | Sr4077 | U_ 3670 |
| Units  | Cts/S   | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S   | Cts/S  | Cts/S   |
| Avg    | .59451  | .21395 | 2.0530 | 3.1476 | 14.393 | .9431   | 104.31 | 974.40  |
| Stddev | .00107  | .00357 | .0037  | .0004  | .037   | .0012   | .52    | 19.88   |
| %RSD   | .18077  | 1.6698 | .18285 | .01403 | .25771 | .1284   | .49628 | 2.0398  |

|    |        |        |        |        |        |       |        |        |
|----|--------|--------|--------|--------|--------|-------|--------|--------|
| #1 | .59375 | .21142 | 2.0504 | 3.1479 | 14.367 | .9423 | 103.94 | 960.35 |
| #2 | .59527 | .21647 | 2.0557 | 3.1473 | 14.419 | .9440 | 104.67 | 988.46 |

Sample Name: S5      Acquired: 10/2/2017 13:18:34      Type: Cal  
Method: P4-ICP2(v1733)      Mode: IR      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |         |
|--------|---------|
| Elem   | U_ 3859 |
| Units  | Cts/S   |
| Avg    | 6.4358  |
| Stddev | .5626   |
| %RSD   | 8.7422  |

|    |         |
|----|---------|
| #1 | -6.8336 |
| #2 | -6.0379 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2104.9  | 52877.  | 5449.5  | 35.076 | 2614.8 |
| Stddev    | 4.0     | 127.    | 3.5     | .238   | .2     |
| %RSD      | .19176  | .23974  | .06512  | .27975 | .00594 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2102.1 | 52788. | 5447.0 | 84.908 | 2614.9 |
| #2 | 2107.8 | 52967. | 5452.0 | 85.244 | 2614.7 |

Sample Name: ICV01      Acquired: 10/2/2017 13:22:55      Type: Unk  
Method: P4-ICP2(v1733)      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    | 1.0273 | 1.0529 | 1.0128 | 1.0264 | 1.0088 | 2.5623 | .52583 |
| Stddev | .0036  | .0046  | .0010  | .0030  | .0032  | .0145  | .00600 |
| %RSD   | .35031 | .43780 | .10153 | .28794 | .32067 | .56734 | 1.1413 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.0247 | 1.0562 | 1.0121 | 1.0243 | 1.0065 | 2.5520 | .53007 |
| #2 | 1.0298 | 1.0497 | 1.0136 | 1.0284 | 1.0111 | 2.5726 | .52158 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .50569 | .49937 | 10.552 | .51342 | .50334 | .51576 | 5.2065 |
| Stddev | .00097 | .00088 | .095   | .00209 | .00104 | .00107 | .0371  |
| %RSD   | .19212 | .17690 | .89872 | .40742 | .20605 | .20738 | .71187 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .50500 | .49874 | 10.619 | .51194 | .50260 | .51501 | 5.2328 |
| #2 | .50637 | .49999 | 10.485 | .51490 | .50407 | .51652 | 5.1803 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .51497 | 5.1658 | .50908 | .51680 | 10.368 | .52277 | 1.0608 |
| Stddev | .00010 | .1068  | .00131 | .00042 | .086   | .00295 | .0119  |
| %RSD   | .01878 | 1.7315 | .25671 | .08081 | .83399 | .56491 | 1.1183 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .51504 | 6.2413 | .50816 | .51650 | 10.429 | .52068 | 1.0692 |
| #2 | .51490 | 6.0904 | .51000 | .51709 | 10.307 | .52485 | 1.0524 |

|        |        |        |        |         |        |        |        |
|--------|--------|--------|--------|---------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820  | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    |
| Avg    | 10.403 | 2.6731 | 2.6520 | F_01200 | 2.4004 | 2.5696 | 2.6772 |
| Stddev | .101   | .0000  | .0344  | .00073  | .0114  | .0086  | .0284  |
| %RSD   | .97388 | .00078 | 1.2988 | 6.1225  | .47292 | .33414 | 1.0588 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 10.475 | 2.6731 | 2.6764 | .01148 | 2.4084 | 2.5635 | 2.6972 |
| #2 | 10.332 | 2.6731 | 2.6277 | .01252 | 2.3924 | 2.5757 | 2.6571 |

Sample Name: ICV01      Acquired: 10/2/2017 13:22:55      Type: Unk  
Method: P4-ICP2(v1733)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: ICV01      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |          |         |
|-----------|---------|---------|---------|----------|---------|
| Elem      | Li6707  | P_1774  | Sr4077  | U_3670   | U_3859  |
| Units     | ppm     | ppm     | ppm     | ppm      | ppm     |
| Avg       | F.00881 | F.0007  | F.01176 | F.2.7446 | F<00000 |
| Stddev    | .00106  | .0004   | .00017  | .0436    | .09879  |
| %RSD      | 11.974  | 51.21   | 1.4354  | 1.5902   | 20.040  |
| #1        | .00956  | -.0010  | .01188  | 2.7755   | -.42308 |
| #2        | .00807  | -.0005  | .01164  | 2.7138   | -.56278 |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306   | ln2306  |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S    | Cts/S   |
| Avg       | 2205.3  | 55322.  | 5522.2  | 37.029   | 2927.6  |
| Stddev    | 1.3     | 144.    | 94.6    | 1.075    | .6      |
| %RSD      | .05771  | .25967  | 1.7125  | 1.2351   | .02046  |
| #1        | 2204.4  | 55424.  | 5455.3  | 86.269   | 2927.2  |
| #2        | 2206.2  | 55221.  | 5589.1  | 87.789   | 2928.0  |

Sample Name: LLICV01      Acquired: 10/2/2017 13:54:50      Type: Unk  
Method: P4-ICP2(v1733)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: LLICV01      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02289 | .03891 | .01160 | .01731 | .04918 | .10144 | .10309 |
| Stddev | .00009 | .00098 | .00041 | .00093 | .00029 | .00852 | .00037 |
| %RSD   | .40097 | 2.5215 | 3.5550 | 5.3989 | .59585 | 8.3948 | .35871 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .02296 | .03960 | .01131 | .01665 | .04939 | .10746 | .10335 |
| #2 | .02283 | .03822 | .01189 | .01797 | .04897 | .09541 | .10283 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00606 | .00589 | 2.0431 | .01057 | .02993 | .02202 | .09699 |
| Stddev | .00003 | .00009 | .0144  | .00049 | .00026 | .00060 | .01588 |
| %RSD   | .52845 | 1.5930 | .70495 | 4.5875 | .85762 | 2.7287 | 16.375 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00604 | .00596 | 2.0329 | .01092 | .03011 | .02245 | .10822 |
| #2 | .00608 | .00582 | 2.0533 | .01023 | .02975 | .02160 | .08576 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02154 | 2.0176 | .03983 | .01036 | 2.1182 | .04107 | .04197 |
| Stddev | .00001 | .0006  | .00022 | .00012 | .0109  | .00007 | .00033 |
| %RSD   | .06017 | .02887 | .54833 | 1.1806 | .51583 | .16393 | .78636 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .02153 | 2.0180 | .03968 | .01027 | 2.1104 | .04102 | .04174 |
| #2 | .02155 | 2.0172 | .03998 | .01044 | 2.1259 | .04111 | .04221 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.1167 | 20963  | 11023  | .01846 | 37182  | .03946 | .04311 |
| Stddev | .0137  | .00006 | .01418 | .00010 | .01773 | .00036 | .00316 |
| %RSD   | .64827 | .02788 | 12.867 | .56659 | 4.7687 | .91669 | 7.3367 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.1264 | .20959 | .12026 | .01839 | .35928 | .03920 | .04534 |
| #2 | 2.1070 | .20967 | .10020 | .01854 | .38436 | .03971 | .04087 |

Sample Name: LLICV01      Acquired: 10/2/2017 13:54:50      Type: Unk  
 Method: P4-ICP2(v1733)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: LLICV01      Custom ID2:      Custom ID3:  
 Comment:

|           |         |         |         |          |         |
|-----------|---------|---------|---------|----------|---------|
| Elem      | Li6707  | P_1774  | Sr4077  | U_3670   | U_3859  |
| Units     | ppm     | ppm     | ppm     | ppm      | ppm     |
| Avg       | F.02835 | .0170   | .02403  | F 3.1736 | F<00000 |
| Stddev    | .00080  | .0024   | .00000  | .0009    | .05359  |
| %RSD      | 2.8091  | 14.04   | .01172  | .02858   | 32.724  |
| #1        | .02892  | .0186   | .02403  | 3.1730   | -.20164 |
| #2        | .02779  | .0153   | .02403  | 3.1743   | -.12586 |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306   | ln2306  |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S    | Cts/S   |
| Avg       | 2229.8  | 55224.  | 5466.7  | 37.409   | 3010.9  |
| Stddev    | 3.3     | 134.    | 29.0    | .257     | 8.1     |
| %RSD      | .14923  | .24229  | .53004  | .29417   | .26968  |
| #1        | 2227.5  | 55130.  | 5487.1  | 87.591   | 3005.1  |
| #2        | 2232.2  | 55319.  | 5446.2  | 87.227   | 3016.6  |

Sample Name: ICB01      Acquired: 10/2/2017 13:58:54      Type: Unk  
Method: P4-ICP2(v1733)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: ICB01      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00185 | .00025 | .00030 | .00008 | .00039 | .00420 | .00041 |
| Stddev | .00028 | .00079 | .00023 | .00205 | .00064 | .00313 | .00024 |
| %RSD   | 15.022 | 311.59 | 78.020 | 2485.8 | 163.66 | 74.518 | 58.793 |

|    |        |         |        |         |         |        |        |
|----|--------|---------|--------|---------|---------|--------|--------|
| #1 | .00165 | .00081  | .00046 | -.00153 | .00084  | .00642 | .00024 |
| #2 | .00205 | -.00030 | .00013 | .00137  | -.00006 | .00199 | .00058 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00005 | .00001 | .00081 | .00061 | .00006 | .00016 | .00381 |
| Stddev | .00004 | .00004 | .02046 | .00001 | .00010 | .00055 | .00486 |
| %RSD   | 88.367 | 312.16 | 2536.9 | 1.3767 | 173.09 | 343.64 | 127.63 |

|    |        |         |         |         |         |         |        |
|----|--------|---------|---------|---------|---------|---------|--------|
| #1 | .00002 | -.00004 | .01528  | -.00061 | .00013  | .00023  | .00724 |
| #2 | .00008 | .00002  | -.01366 | -.00062 | -.00001 | -.00055 | .00037 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00005 | .00550 | .00020 | .00019 | .04001 | .00012 | .00050 |
| Stddev | .00004 | .02728 | .00015 | .00010 | .00087 | .00027 | .00009 |
| %RSD   | 76.507 | 495.78 | 75.911 | 52.339 | 2.1749 | 226.18 | 18.028 |

|    |         |         |        |         |        |         |         |
|----|---------|---------|--------|---------|--------|---------|---------|
| #1 | -.00002 | -.02479 | .00009 | -.00027 | .03939 | -.00030 | -.00043 |
| #2 | -.00008 | .01379  | .00031 | -.00012 | .04062 | .00007  | -.00056 |

|        |        |        |        |        |        |          |        |
|--------|--------|--------|--------|--------|--------|----------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899   | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm      | ppm    |
| Avg    | .02634 | .00094 | .00688 | .00045 | .00058 | F .01448 | .00196 |
| Stddev | .01757 | .00005 | .00467 | .00284 | .00972 | .00067   | .00174 |
| %RSD   | 66.688 | 5.4261 | 67.813 | 627.63 | 1684.7 | 4.6313   | 89.073 |

|    |        |         |        |         |         |        |        |
|----|--------|---------|--------|---------|---------|--------|--------|
| #1 | .01392 | -.00090 | .01018 | .00155  | -.00629 | .01496 | .00072 |
| #2 | .03876 | -.00097 | .00358 | -.00246 | .00745  | .01401 | .00319 |

Sample Name: ICB01      Acquired: 10/2/2017 13:58:54      Type: Unk  
Method: P4-ICP2(v1733)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: ICB01      Custom ID2:      Custom ID3:  
Comment:

|        |         |        |         |          |         |
|--------|---------|--------|---------|----------|---------|
| Elem   | Li6707  | P_1774 | Sr4077  | U_3670   | U_3859  |
| Units  | ppm     | ppm    | ppm     | ppm      | ppm     |
| Avg    | F.00568 | -.0005 | -.00016 | F 3.0350 | F<00000 |
| Stddev | .00033  | .0001  | .00007  | .0486    | .07270  |
| %RSD   | 5.7472  | 24.54  | 45.178  | 1.6008   | 32.840  |

|    |        |        |         |        |         |
|----|--------|--------|---------|--------|---------|
| #1 | .00545 | -.0004 | -.00021 | 3.0694 | -.27279 |
| #2 | .00591 | -.0005 | -.00011 | 3.0006 | -.16997 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306 | ln2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2266.0  | 55842.  | 5498.8  | 38.434 | 3047.5 |
| Stddev    | 10.7    | 83.     | 33.8    | .826   | 10.9   |
| %RSD      | .47200  | .14850  | .61520  | .93406 | .35879 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2258.5 | 55784. | 5474.9 | 87.850 | 3039.8 |
| #2 | 2273.6 | 55901. | 5522.7 | 89.018 | 3055.3 |

Sample Name: CRI01      Acquired: 10/2/2017 14:03:06      Type: Unk  
Method: P4-ICP2(v1733)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CRI01      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02288 | .04013 | .01305 | .01949 | .05120 | .10417 | .10385 |
| Stddev | .00013 | .00052 | .00075 | .00078 | .00191 | .02036 | .00081 |
| %RSD   | .57372 | 1.3019 | 5.7548 | 3.9895 | 3.7362 | 19.543 | .78059 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .02298 | .04049 | .01358 | .01894 | .05255 | .08978 | .10443 |
| #2 | .02279 | .03976 | .01252 | .02004 | .04985 | .11857 | .10328 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00628 | .00613 | 2.0503 | .01108 | .03042 | .02208 | .09347 |
| Stddev | .00012 | .00010 | .0237  | .00017 | .00050 | .00015 | .00466 |
| %RSD   | 1.9491 | 1.6021 | 1.1556 | 1.5465 | 1.6591 | .67189 | 4.9885 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00620 | .00620 | 2.0335 | .01096 | .03077 | .02219 | .09017 |
| #2 | .00637 | .00606 | 2.0671 | .01121 | .03006 | .02198 | .09677 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02156 | 2.0595 | .04087 | .01061 | 2.0694 | .04111 | .04174 |
| Stddev | .00005 | .0063  | .00117 | .00026 | .0011  | .00064 | .00091 |
| %RSD   | .22886 | .30665 | 2.8539 | 2.4858 | .05329 | 1.5506 | 2.1874 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .02152 | 2.0550 | .04170 | .01080 | 2.0701 | .04066 | .04239 |
| #2 | .02159 | 2.0639 | .04005 | .01043 | 2.0686 | .04156 | .04110 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.0962 | .21140 | .10585 | .01841 | .36993 | .03964 | .04322 |
| Stddev | .0399  | .00372 | .01794 | .00012 | .00054 | .00092 | .00179 |
| %RSD   | 1.9026 | 1.7589 | 16.945 | .66159 | .14707 | 2.3275 | 4.1378 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.1244 | .21403 | .11853 | .01833 | .36954 | .04029 | .04449 |
| #2 | 2.0680 | .20877 | .09316 | .01850 | .37031 | .03898 | .04196 |

Sample Name: CRI01      Acquired: 10/2/2017 14:03:06      Type: Unk  
Method: P4-ICP2(v1733)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CRI01      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |          |         |
|-----------|---------|---------|---------|----------|---------|
| Elem      | Li6707  | P_1774  | Sr4077  | U_3670   | U_3859  |
| Units     | ppm     | ppm     | ppm     | ppm      | ppm     |
| Avg       | F.02818 | .0184   | .02406  | F 3.0562 | F<00000 |
| Stddev    | .00052  | .0011   | .00015  | .0868    | .78769  |
| %RSD      | 1.8496  | 6.185   | .63531  | 2.8389   | 153.01  |
| #1        | .02855  | .0176   | .02395  | 2.9949   | -1.0718 |
| #2        | .02781  | .0192   | .02416  | 3.1176   | .04220  |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306   | ln2306  |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S    | Cts/S   |
| Avg       | 2221.8  | 55426.  | 5483.0  | 38.286   | 2990.5  |
| Stddev    | 35.4    | 167.    | 2.7     | 1.061    | 50.7    |
| %RSD      | 1.5941  | .30110  | .04994  | 1.2014   | 1.6967  |
| #1        | 2196.8  | 55544.  | 5484.9  | 87.536   | 2954.7  |
| #2        | 2246.9  | 55308.  | 5481.0  | 89.036   | 3026.4  |

Sample Name: ICSA01      Acquired: 10/2/2017 14:07:18      Type: Unk  
 Method: P4-ICP2(v1733)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: ICSA01      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01000 | .00376 | .00494 | .00887 | .00191 | 267.08 | .00628 |
| Stddev | .00169 | .00008 | .00179 | .00364 | .00069 | .15    | .00100 |
| %RSD   | 16.893 | 2.0993 | 36.200 | 41.085 | 36.027 | .05647 | 15.985 |

|    |        |        |        |         |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|
| #1 | .01119 | .00381 | .00367 | -.00629 | .00142 | 267.19 | .00557 |
| #2 | .00880 | .00370 | .00620 | -.01145 | .00239 | 266.97 | .00699 |

|        |         |        |        |        |         |        |        |
|--------|---------|--------|--------|--------|---------|--------|--------|
| Elem   | Be2348  | Cd2265 | Ca3736 | Cr2677 | Co2286  | Cu2247 | Fe2404 |
| Units  | ppm     | ppm    | ppm    | ppm    | ppm     | ppm    | ppm    |
| Avg    | -.00145 | .00184 | 238.22 | .05240 | -.00003 | .00502 | 36.980 |
| Stddev | .00004  | .00006 | .47    | .00009 | .00014  | .00120 | 2.324  |
| %RSD   | 2.7913  | 3.3840 | .19636 | .16914 | 542.62  | 23.896 | 2.3960 |

|    |         |        |        |        |         |        |        |
|----|---------|--------|--------|--------|---------|--------|--------|
| #1 | -.00148 | .00189 | 237.89 | .05247 | .00007  | .00587 | 95.337 |
| #2 | -.00143 | .00180 | 238.55 | .05234 | -.00013 | .00417 | 98.623 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01622 | 250.39 | .00699 | .00026 | .12741 | .00199 | .00295 |
| Stddev | .00001 | .53    | .00008 | .00033 | .01068 | .00009 | .00036 |
| %RSD   | .03482 | .21054 | 1.1036 | 127.36 | 8.3845 | 4.3124 | 12.097 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .01622 | 250.02 | .00693 | .00003 | .11985 | .00193 | .00270 |
| #2 | .01623 | 250.77 | .00704 | .00049 | .13496 | .00205 | .00321 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .07542 | .00014 | .00327 | .00550 | .01958 | .00969 | .00278 |
| Stddev | .01874 | .00013 | .00954 | .00137 | .00765 | .00038 | .00017 |
| %RSD   | 24.848 | 90.550 | 291.47 | 24.891 | 39.053 | 3.8754 | 6.2723 |

|    |        |        |         |         |        |        |        |
|----|--------|--------|---------|---------|--------|--------|--------|
| #1 | .06217 | .00023 | -.01002 | -.00647 | .02498 | .00942 | .00265 |
| #2 | .08867 | .00005 | .00347  | -.00453 | .01417 | .00995 | .00290 |

Sample Name: IC5A01      Acquired: 10/2/2017 14:07:18      Type: Unk  
 Method: P4-ICP2(v1733)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: IC5A01      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |          |         |
|--------|--------|--------|--------|----------|---------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670   | U_3859  |
| Units  | ppm    | ppm    | ppm    | ppm      | ppm     |
| Avg    | .01489 | .0029  | .08951 | F 2.2906 | F<00000 |
| Stddev | .00059 | .0034  | .00043 | .0189    | .13991  |
| %RSD   | 3.9719 | 115.6  | .48136 | .82526   | 1.1799  |

|    |        |       |        |        |         |
|----|--------|-------|--------|--------|---------|
| #1 | .01447 | .0053 | .08921 | 2.3040 | -11.758 |
| #2 | .01531 | .0005 | .08981 | 2.2772 | -11.956 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306 | ln2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2055.4  | 50256.  | 5369.1  | 30.693 | 2562.3 |
| Stddev    | 3.5     | 214.    | 1.0     | 1.629  | 2.6    |
| %RSD      | .16820  | .42656  | .01861  | 2.0186 | .10145 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2053.0 | 50104. | 5369.8 | 81.845 | 2564.1 |
| #2 | 2057.9 | 50407. | 5368.4 | 79.541 | 2560.5 |

Sample Name: ICSAB01      Acquired: 10/2/2017 14:11:33      Type: Unk  
Method: P4-ICP2(v1733)      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    | .10916 | .10743 | .05455 | .04443 | .64008 | 282.31 | .54026 |
| Stddev | .00281 | .00111 | .00082 | .00704 | .00148 | 1.58   | .00197 |
| %RSD   | 2.5766 | 1.0325 | 1.5046 | 15.835 | .23069 | .55830 | .36381 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .10717 | .10821 | .05397 | .04941 | .64112 | 281.20 | .54165 |
| #2 | .11115 | .10664 | .05513 | .03946 | .63903 | 283.43 | .53887 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .56437 | 1.0366 | 249.48 | .57834 | .51665 | .51982 | 103.14 |
| Stddev | .00034 | .0004  | 1.15   | .00216 | .00130 | .00126 | .25    |
| %RSD   | .05975 | .04174 | .45964 | .37422 | .25096 | .24315 | .23885 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .56413 | 1.0363 | 250.29 | .57681 | .51573 | .52072 | 102.97 |
| #2 | .56461 | 1.0369 | 248.67 | .57987 | .51756 | .51893 | 103.32 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .55396 | 264.04 | 1.0292 | .22137 | .10179 | .53007 | 1.0926 |
| Stddev | .00009 | 1.40   | .0023  | .00050 | .01385 | .00090 | .0000  |
| %RSD   | .01668 | .52922 | .21919 | .22641 | 13.603 | .16955 | .00231 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .55389 | 265.03 | 1.0276 | .22172 | .11158 | .53070 | 1.0926 |
| #2 | .55402 | 263.05 | 1.0308 | .22101 | .09200 | .52943 | 1.0926 |

|        |        |         |         |        |         |         |         |
|--------|--------|---------|---------|--------|---------|---------|---------|
| Elem   | K_7664 | Mo2020  | B_2496  | S_1820 | Si2881  | Sn1899  | Ti3361  |
| Units  | ppm    | ppm     | ppm     | ppm    | ppm     | ppm     | ppm     |
| Avg    | .06707 | F1.0993 | F1.1116 | .00019 | F.96487 | F1.0953 | F1.0952 |
| Stddev | .00702 | .0032   | .0182   | .00206 | .00770  | .0026   | .0016   |
| %RSD   | 10.474 | .29075  | 1.6386  | 1107.8 | .79843  | .23278  | .14910  |

|    |        |        |        |         |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|
| #1 | .07203 | 1.1016 | 1.1245 | -.00165 | .97032 | 1.0935 | 1.0964 |
| #2 | .06210 | 1.0971 | 1.0988 | .00127  | .95942 | 1.0971 | 1.0941 |

Sample Name: ICSAB01      Acquired: 10/2/2017 14:11:33      Type: Unk  
 Method: P4-ICP2(v1733)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: ICSAB01      Custom ID2:      Custom ID3:  
 Comment:

|           |         |         |         |         |         |
|-----------|---------|---------|---------|---------|---------|
| Elem      | Li6707  | P_1774  | Sr4077  | U_3670  | U_3859  |
| Units     | ppm     | ppm     | ppm     | ppm     | ppm     |
| Avg       | .01266  | F.0014  | .09207  | F1.8345 | F<00000 |
| Stddev    | .00081  | .0028   | .00046  | .0323   | .17842  |
| %RSD      | 6.3894  | 199.1   | .50334  | 1.7581  | 1.4012  |
| #1        | .01323  | .0034   | .09239  | 1.8117  | -12.608 |
| #2        | .01209  | -.0006  | .09174  | 1.8573  | -12.860 |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306  | ln2306  |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   |
| Avg       | 2035.7  | 50255.  | 5420.8  | 30.169  | 2534.2  |
| Stddev    | 6.5     | 66.     | 55.0    | .148    | .2      |
| %RSD      | .31852  | .13171  | 1.0150  | .18438  | .00763  |
| #1        | 2031.1  | 50208.  | 5381.9  | 80.064  | 2534.1  |
| #2        | 2040.3  | 50302.  | 5459.7  | 80.273  | 2534.4  |

Sample Name: CCV01      Acquired: 10/2/2017 14:15:39      Type: Unk  
Method: P4-ICP2(v1733)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV01      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 5.0862 | 5.0371 | 5.0201 | 5.0667 | 5.1297 | 10.530 | 10.369 |
| Stddev | .0097  | .0140  | .0016  | .0064  | .0087  | .015   | .036   |
| %RSD   | .19102 | .27806 | .03182 | .12661 | .17034 | .13863 | .34580 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 5.0931 | 5.0470 | 5.0190 | 5.0713 | 5.1358 | 10.520 | 10.395 |
| #2 | 5.0793 | 5.0272 | 5.0213 | 5.0622 | 5.1235 | 10.541 | 10.344 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .25818 | 2.5071 | 25.554 | 1.0453 | 2.4985 | 1.2833 | 5.2342 |
| Stddev | .00047 | .0019  | .142   | .0031  | .0034  | .0018  | .0444  |
| %RSD   | .18021 | .07498 | .55586 | .29416 | .13692 | .14328 | .84753 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .25851 | 2.5084 | 25.654 | 1.0475 | 2.4960 | 1.2846 | 5.2029 |
| #2 | .25785 | 2.5058 | 25.454 | 1.0432 | 2.5009 | 1.2820 | 5.2656 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.6074 | 25.338 | 2.4990 | 1.2673 | 25.429 | 2.5693 | 2.6426 |
| Stddev | .0041  | .062   | .0002  | .0034  | .070   | .0001  | .0072  |
| %RSD   | .15820 | .24617 | .00805 | .26466 | .27433 | .00462 | .27337 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.6103 | 25.382 | 2.4991 | 1.2696 | 25.478 | 2.5692 | 2.6375 |
| #2 | 2.6044 | 25.293 | 2.4988 | 1.2649 | 25.380 | 2.5694 | 2.6477 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 25.766 | 5.0918 | 5.1582 | 4.9397 | 5.0984 | 4.9522 | 5.1181 |
| Stddev | .039   | .0070  | .0388  | .0123  | .0111  | .0009  | .0048  |
| %RSD   | .14979 | .13785 | .75247 | .24879 | .21746 | .01827 | .09463 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 25.793 | 5.0968 | 5.1857 | 4.9484 | 5.1062 | 4.9529 | 5.1215 |
| #2 | 25.739 | 5.0869 | 5.1308 | 4.9310 | 5.0906 | 4.9516 | 5.1146 |

Sample Name: CCV01      Acquired: 10/2/2017 14:15:39      Type: Unk  
 Method: P4-ICP2(v1733)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: CCV01      Custom ID2:      Custom ID3:  
 Comment:

|           |         |         |         |          |         |
|-----------|---------|---------|---------|----------|---------|
| Elem      | Li6707  | P_1774  | Sr4077  | U_3670   | U_3859  |
| Units     | ppm     | ppm     | ppm     | ppm      | ppm     |
| Avg       | 5.1949  | 5.088   | 5.3242  | F 3.3880 | F<00000 |
| Stddev    | .0191   | .009    | .0340   | .0327    | .75958  |
| %RSD      | .36834  | .1716   | .63928  | .96493   | 125.04  |
| #1        | 5.2084  | 5.095   | 5.3482  | 3.3649   | -.07036 |
| #2        | 5.1813  | 5.082   | 5.3001  | 3.4111   | -1.1446 |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306   | ln2306  |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S    | Cts/S   |
| Avg       | 2150.8  | 53119.  | 5448.6  | 33.732   | 2785.3  |
| Stddev    | 4.2     | 177.    | 41.9    | .285     | 2.2     |
| %RSD      | .19584  | .33357  | .76851  | .34062   | .08021  |
| #1        | 2147.8  | 52994.  | 5419.0  | 83.933   | 2783.7  |
| #2        | 2153.7  | 53245.  | 5478.2  | 83.530   | 2786.9  |

Sample Name: LLCCV01      Acquired: 10/2/2017 14:19:39      Type: Unk  
Method: P4-ICP2(v1733)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: LLCCV01      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02409 | .03928 | .01160 | .01500 | .04928 | .09737 | .10225 |
| Stddev | .00165 | .00202 | .00004 | .00131 | .00069 | .00714 | .00045 |
| %RSD   | 6.8439 | 5.1331 | .38274 | 8.7148 | 1.3926 | 7.3368 | .44082 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .02526 | .03786 | .01163 | .01592 | .04977 | .09232 | .10194 |
| #2 | .02293 | .04071 | .01157 | .01408 | .04880 | .10243 | .10257 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00615 | .00587 | 2.0419 | .01091 | .02925 | .02095 | .10280 |
| Stddev | .00000 | .00000 | .0017  | .00016 | .00038 | .00003 | .00210 |
| %RSD   | .03476 | .06631 | .08502 | 1.4818 | 1.2868 | .13377 | 2.0385 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00615 | .00587 | 2.0407 | .01103 | .02952 | .02097 | .10428 |
| #2 | .00614 | .00587 | 2.0431 | .01080 | .02898 | .02093 | .10132 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02130 | 2.0579 | .03905 | .01041 | 2.0311 | .04113 | .04135 |
| Stddev | .00011 | .0159  | .00024 | .00012 | .0111  | .00074 | .00087 |
| %RSD   | .49904 | .77217 | .61914 | 1.1581 | .54747 | 1.8009 | 2.1008 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .02122 | 2.0466 | .03922 | .01032 | 2.0390 | .04166 | .04074 |
| #2 | .02137 | 2.0691 | .03888 | .01049 | 2.0233 | .04061 | .04196 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.0888 | 20874  | .11837 | .01889 | .35717 | .03861 | .04352 |
| Stddev | .0128  | .00029 | .01170 | .00129 | .01065 | .00067 | .00066 |
| %RSD   | .61140 | .13731 | 9.8822 | 6.8357 | 2.9812 | 1.7384 | 1.5162 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.0978 | .20895 | .12664 | .01981 | .36470 | .03814 | .04398 |
| #2 | 2.0797 | .20854 | .11010 | .01798 | .34964 | .03909 | .04305 |

Sample Name: LLCCV01      Acquired: 10/2/2017 14:19:39      Type: Unk  
Method: P4-ICP2(v1733)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: LLCCV01      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |          |         |
|-----------|---------|---------|---------|----------|---------|
| Elem      | Li6707  | P_1774  | Sr4077  | U_3670   | U_3859  |
| Units     | ppm     | ppm     | ppm     | ppm      | ppm     |
| Avg       | F.02683 | .0165   | .02389  | F 3.0537 | F<00000 |
| Stddev    | .00061  | .0002   | .00002  | .0017    | .08905  |
| %RSD      | 2.2831  | 1.353   | .08901  | .05648   | 60.692  |
| #1        | .02726  | .0166   | .02390  | 3.0524   | -.08376 |
| #2        | .02640  | .0163   | .02387  | 3.0549   | -.20970 |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306   | ln2306  |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S    | Cts/S   |
| Avg       | 2239.4  | 55271.  | 5446.9  | 37.839   | 3031.3  |
| Stddev    | .0      | 1.      | 15.0    | 1.912    | 2.6     |
| %RSD      | .00056  | .00178  | .27533  | 2.1772   | .08487  |
| #1        | 2239.4  | 55271.  | 5436.3  | 89.191   | 3029.4  |
| #2        | 2239.4  | 55270.  | 5457.5  | 86.486   | 3033.1  |

Sample Name: CCB01      Acquired: 10/2/2017 14:23:51      Type: Unk  
 Method: P4-ICP2(v1733)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: CCB01      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00277 | .00072 | .00013 | .00072 | .00070 | .00812 | .00014 |
| Stddev | .00093 | .00144 | .00156 | .00055 | .00171 | .01143 | .00032 |
| %RSD   | 33.670 | 199.47 | 1182.1 | 75.732 | 244.19 | 140.72 | 233.97 |

|    |        |         |         |         |         |         |         |
|----|--------|---------|---------|---------|---------|---------|---------|
| #1 | .00343 | -.00030 | -.00123 | -.00034 | -.00051 | -.01620 | -.00036 |
| #2 | .00211 | .00174  | .00097  | -.00111 | .00191  | -.00004 | .00009  |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00004 | .00002 | .00018 | .00011 | .00009 | .00007 | .00254 |
| Stddev | .00000 | .00001 | .00432 | .00047 | .00015 | .00031 | .00164 |
| %RSD   | 7.0580 | 86.656 | 2353.0 | 434.39 | 154.53 | 428.16 | 64.332 |

|    |        |         |         |         |         |         |        |
|----|--------|---------|---------|---------|---------|---------|--------|
| #1 | .00005 | -.00001 | -.00324 | .00044  | .00001  | .00015  | .00370 |
| #2 | .00004 | -.00002 | .00287  | -.00022 | -.00020 | -.00029 | .00139 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00002 | .02765 | .00014 | .00020 | .01669 | .00021 | .00050 |
| Stddev | .00003 | .02622 | .00014 | .00006 | .01993 | .00034 | .00004 |
| %RSD   | 155.96 | 94.835 | 96.873 | 31.925 | 119.43 | 165.49 | 9.0317 |

|    |         |         |        |         |        |         |         |
|----|---------|---------|--------|---------|--------|---------|---------|
| #1 | .00000  | -.04619 | .00024 | -.00015 | .00259 | -.00004 | -.00053 |
| #2 | -.00004 | -.00911 | .00004 | -.00024 | .03078 | .00045  | -.00047 |

|        |        |        |        |        |        |          |        |
|--------|--------|--------|--------|--------|--------|----------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899   | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm      | ppm    |
| Avg    | .02447 | .00059 | .00615 | .00136 | .00961 | F .01481 | .00413 |
| Stddev | .01478 | .00017 | .00687 | .00059 | .00050 | .00139   | .00032 |
| %RSD   | 60.402 | 27.932 | 111.57 | 43.394 | 5.1622 | 9.3842   | 7.7683 |

|    |        |         |        |         |        |        |        |
|----|--------|---------|--------|---------|--------|--------|--------|
| #1 | .01402 | -.00071 | .00130 | -.00094 | .00996 | .01579 | .00391 |
| #2 | .03493 | -.00048 | .01101 | -.00178 | .00926 | .01382 | .00436 |

Sample Name: CCB01      Acquired: 10/2/2017 14:23:51      Type: Unk  
Method: P4-ICP2(v1733)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB01      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |          |         |
|--------|--------|--------|--------|----------|---------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670   | U_3859  |
| Units  | ppm    | ppm    | ppm    | ppm      | ppm     |
| Avg    | .00418 | .0012  | .00018 | F 3.1490 | F<00000 |
| Stddev | .00036 | .0019  | .00003 | .0249    | .00053  |
| %RSD   | 8.7068 | 157.2  | 14.464 | .78995   | .15230  |

|    |        |        |         |        |         |
|----|--------|--------|---------|--------|---------|
| #1 | .00393 | .0001  | -.00016 | 3.1666 | -.35040 |
| #2 | .00444 | -.0026 | -.00020 | 3.1314 | -.34965 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306 | ln2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2267.0  | 55716.  | 5393.5  | 35.209 | 3066.6 |
| Stddev    | 1.8     | 280.    | 6.7     | 2.777  | 2.9    |
| %RSD      | .08147  | .50210  | .12395  | 3.2590 | .09460 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2265.7 | 55518. | 5388.7 | 87.173 | 3064.6 |
| #2 | 2268.3 | 55914. | 5398.2 | 83.245 | 3068.7 |

Sample Name: I5316-01      Acquired: 10/2/2017 14:45:13      Type: Unk  
Method: P4-ICP2(v1733)      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    | .00341 | .00002 | .01198 | .00047 | .00028 | .06168 | .00280 | .00009 |
| Stddev | .00030 | .00091 | .00005 | .00134 | .00135 | .00451 | .00020 | .00002 |
| %RSD   | 8.7464 | 4400.0 | .45301 | 284.14 | 474.43 | 7.3119 | 7.1492 | 18.513 |

|    |        |         |        |         |         |        |        |        |
|----|--------|---------|--------|---------|---------|--------|--------|--------|
| #1 | .00362 | .00066  | .01202 | .00142  | .00124  | .05849 | .00294 | .00008 |
| #2 | .00320 | -.00062 | .01195 | -.00048 | -.00067 | .06487 | .00266 | .00011 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00005 | .09885 | .00138 | .00027 | .15627 | .28437 | .02775 | .00960 |
| Stddev | .00001 | .00936 | .00065 | .00009 | .00056 | .00154 | .00020 | .03353 |
| %RSD   | 17.347 | 9.4659 | 47.424 | 34.122 | .35571 | .54040 | .73312 | 349.24 |

|    |         |        |        |        |        |        |        |         |
|----|---------|--------|--------|--------|--------|--------|--------|---------|
| #1 | -.00005 | .10546 | .00092 | .00020 | .15667 | .28328 | .02761 | .03331  |
| #2 | -.00004 | .09223 | .00184 | .00033 | .15588 | .28545 | .02789 | -.01411 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00588 | .00003 | .11153 | .00043 | .03962 | .10911 | .00076 | .01682 |
| Stddev | .00035 | .00004 | .00327 | .00019 | .00115 | .01222 | .00017 | .00251 |
| %RSD   | 5.9202 | 145.31 | 2.9334 | 45.354 | 2.8945 | 11.201 | 22.733 | 14.898 |

|    |        |        |        |        |        |        |         |        |
|----|--------|--------|--------|--------|--------|--------|---------|--------|
| #1 | .00563 | .00005 | .11384 | .00057 | .04043 | .10047 | -.00064 | .01505 |
| #2 | .00612 | .00000 | .10921 | .00029 | .03881 | .11776 | -.00089 | .01860 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01106 | .88126 | .00054 | .00322 | .00029 | .0007  | .00025 | 2.8640 |
| Stddev | .00213 | .02265 | .00024 | .00298 | .00029 | .0003  | .00003 | .0595  |
| %RSD   | 19.288 | 2.5700 | 45.442 | 92.775 | 97.825 | 37.37  | 11.569 | 2.0773 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .01257 | .86524 | .00037 | .00533 | .00050 | -.0009 | .00027 | 2.8219 |
| #2 | .00956 | .89727 | .00071 | .00111 | .00009 | -.0005 | .00023 | 2.9061 |

Sample Name: I5316-01      Acquired: 10/2/2017 14:45:13      Type: Unk  
 Method: P4-ICP2(v1733)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

Elem            U\_3859  
 Units           ppm  
 Avg            .23231  
 Stddev        .13135  
 %RSD          56.539

#1             .32518  
 #2             .13943

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306 | ln2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2300.9  | 57418.  | 5562.2  | 39.273 | 3109.0 |
| Stddev    | 1.3     | 294.    | 11.7    | 2.732  | 4.9    |
| %RSD      | .05729  | .51198  | .21115  | 3.0603 | .15724 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2300.0 | 57626. | 5553.9 | 87.341 | 3105.6 |
| #2 | 2301.9 | 57210. | 5570.5 | 91.205 | 3112.5 |

Sample Name: I5413-01      Acquired: 10/2/2017 14:49:20      Type: Unk  
Method: P4-ICP2(v1733)      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    | .00163 | .00016 | .01923 | .00381 | .00204 | .03495 | .00338 | .00008 |
| Stddev | .00036 | .00047 | .00090 | .00091 | .00223 | .00451 | .00063 | .00011 |
| %RSD   | 22.183 | 302.95 | 4.6714 | 23.990 | 109.09 | 12.908 | 18.546 | 142.48 |

|    |        |         |        |         |        |        |        |        |
|----|--------|---------|--------|---------|--------|--------|--------|--------|
| #1 | .00138 | -.00018 | .01860 | -.00445 | .00047 | .03814 | .00294 | .00000 |
| #2 | .00189 | .00049  | .01987 | -.00316 | .00362 | .03176 | .00382 | .00015 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00002 | .34929 | .00151 | .00006 | .08153 | .01247 | .00617 | .05281 |
| Stddev | .00002 | .00559 | .00033 | .00008 | .00038 | .00770 | .00002 | .03168 |
| %RSD   | 82.225 | 1.6003 | 21.598 | 134.38 | .46354 | 61.742 | .34360 | 59.999 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00003 | .34534 | .00174 | .00011 | .08180 | .01792 | .00615 | .07521 |
| #2 | .00001 | .35324 | .00128 | .00000 | .08126 | .00703 | .00618 | .03040 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00628 | .00039 | .52874 | .00008 | .30610 | .21301 | .00079 | .05831 |
| Stddev | .00032 | .00026 | .01393 | .00005 | .00209 | .01540 | .00034 | .01198 |
| %RSD   | 5.0694 | 66.699 | 2.6354 | 65.922 | .68197 | 7.2281 | 42.674 | 20.554 |

|    |        |         |        |         |        |        |         |        |
|----|--------|---------|--------|---------|--------|--------|---------|--------|
| #1 | .00651 | -.00020 | .51888 | -.00012 | .30758 | .22390 | -.00103 | .06678 |
| #2 | .00606 | -.00057 | .53859 | -.00004 | .30463 | .20212 | -.00055 | .04983 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .16306 | .88971 | .00003 | .00469 | .00321 | .0007  | .00292 | 2.9273 |
| Stddev | .00322 | .01146 | .00027 | .00015 | .00071 | .0002  | .00001 | .0910  |
| %RSD   | 1.9721 | 1.2881 | 1063.9 | 3.2600 | 22.244 | 30.67  | .44309 | 3.1068 |

|    |        |        |         |        |        |       |        |        |
|----|--------|--------|---------|--------|--------|-------|--------|--------|
| #1 | .16534 | .89782 | -.00017 | .00458 | .00271 | .0008 | .00293 | 2.8630 |
| #2 | .16079 | .88161 | .00022  | .00480 | .00372 | .0005 | .00291 | 2.9916 |

Sample Name: I5413-01      Acquired: 10/2/2017 14:49:20      Type: Unk  
Method: P4-ICP2(v1733)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

Elem      U\_3859  
Units      ppm  
Avg      <00000  
Stddev      .03623  
%RSD      23.064

#1      -.13148  
#2      -.18272

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306 | ln2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2307.6  | 57104.  | 5601.0  | 90.536 | 3120.0 |
| Stddev    | 3.1     | 243.    | .3      | .559   | 7.6    |
| %RSD      | .13402  | .42553  | .00591  | .61772 | .24282 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2309.8 | 57276. | 5600.8 | 90.141 | 3125.3 |
| #2 | 2305.5 | 56933. | 5601.3 | 90.932 | 3114.6 |

Sample Name: I5455-01      Acquired: 10/2/2017 14:53:33      Type: Unk  
Method: P4-ICP2(v1733)      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    | .00309  | -.00075 | .00663  | -.00063 | -.00015 | 1.1335 | .00324  | .00009 |
| Stddev | .00033  | .00155  | .00043  | .00153  | .00186  | .0066  | .00050  | .00001 |
| %RSD   | 10.702  | 207.41  | 6.5068  | 242.10  | 1204.2  | .57974 | 15.456  | 7.1417 |
| #1     | .00286  | -.00184 | .00632  | .00045  | -.00147 | 1.1289 | .00360  | .00009 |
| #2     | .00332  | .00035  | .00693  | -.00171 | .00116  | 1.1382 | .00289  | .00009 |
| Elem   | Cd2265  | Ca3736  | Cr2677  | Co2286  | Cu2247  | Fe2404 | Mn2576  | Mg2790 |
| Units  | ppm     | ppm     | ppm     | ppm     | ppm     | ppm    | ppm     | ppm    |
| Avg    | .00005  | .94239  | .00233  | .00009  | .03880  | .16071 | .00209  | .02011 |
| Stddev | .00008  | .00198  | .00004  | .00001  | .00031  | .00331 | .00009  | .00292 |
| %RSD   | 158.11  | .21012  | 1.5721  | 17.304  | .80460  | 2.0598 | 4.1520  | 14.531 |
| #1     | .00011  | .94379  | .00236  | .00008  | .03858  | .15837 | .00203  | .01804 |
| #2     | -.00001 | .94099  | .00231  | .00010  | .03902  | .16305 | .00215  | .02218 |
| Elem   | Ni2316  | Ag3280  | Na5895  | V_2924  | Zn2138  | K_7664 | Mo2020  | B_2496 |
| Units  | ppm     | ppm     | ppm     | ppm     | ppm     | ppm    | ppm     | ppm    |
| Avg    | .03899  | -.00005 | .08059  | -.00002 | .07806  | .08777 | -.00087 | .09884 |
| Stddev | .00014  | .00061  | .00543  | .00002  | .00024  | .05141 | .00006  | .00756 |
| %RSD   | .35957  | 1107.7  | 6.7365  | 102.05  | .30251  | 58.570 | 6.7145  | 7.6517 |
| #1     | .03908  | -.00048 | .07675  | -.00001 | .07789  | .12412 | -.00083 | .10418 |
| #2     | .03889  | .00037  | .08443  | -.00003 | .07823  | .05142 | -.00091 | .09349 |
| Elem   | S_1820  | Si2881  | Sn1899  | Ti3361  | Li6707  | P_1774 | Sr4077  | U_3670 |
| Units  | ppm     | ppm     | ppm     | ppm     | ppm     | ppm    | ppm     | ppm    |
| Avg    | .30016  | .05752  | -.00006 | .00463  | .00089  | .0015  | .01235  | 2.8569 |
| Stddev | .00140  | .01988  | .00031  | .00132  | .00013  | .0010  | .00011  | .0678  |
| %RSD   | .46802  | 34.567  | 508.87  | 28.566  | 14.183  | 65.28  | .91187  | 2.3723 |
| #1     | .29916  | .04346  | .00016  | .00370  | .00080  | .0008  | .01243  | 2.8090 |
| #2     | .30115  | .07158  | -.00028 | .00557  | .00097  | .0022  | .01227  | 2.9049 |

Sample Name: I5455-01      Acquired: 10/2/2017 14:53:33      Type: Unk  
Method: P4-ICP2(v1733)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

Elem      U\_3859  
Units      ppm  
Avg      <00000  
Stddev      .06483  
%RSD      26.473

#1      -.29071  
#2      -.19904

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2310.1  | 57288.  | 5600.9  | 39.061 | 3128.5 |
| Stddev    | 2.9     | 29.     | 7.7     | .029   | 3.6    |
| %RSD      | .12347  | .05080  | .13807  | .03248 | .11438 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2308.1 | 57267. | 5595.4 | 89.082 | 3126.0 |
| #2 | 2312.1 | 57308. | 5606.3 | 89.041 | 3131.1 |

Sample Name: I5455-01DUP      Acquired: 10/2/2017 14:57:45      Type: Unk  
Method: P4-ICP2(v1733)      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    | .00201 | .00135 | .00622 | .00218 | .00015 | 1.1399 | .00316 | .00015 |
| Stddev | .00035 | .00063 | .00051 | .00152 | .00140 | .0100  | .00040 | .00004 |
| %RSD   | 17.496 | 46.466 | 8.1861 | 69.763 | 957.23 | .87637 | 12.584 | 25.190 |

|    |        |         |        |         |         |        |        |        |
|----|--------|---------|--------|---------|---------|--------|--------|--------|
| #1 | .00226 | -.00091 | .00658 | -.00326 | -.00114 | 1.1328 | .00288 | .00012 |
| #2 | .00176 | -.00179 | .00586 | -.00110 | .00085  | 1.1469 | .00344 | .00018 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00008 | .93286 | .00223 | .00005 | .03871 | .15714 | .00202 | .00102 |
| Stddev | .00008 | .01346 | .00051 | .00001 | .00019 | .00682 | .00006 | .00740 |
| %RSD   | 96.809 | 1.4424 | 22.835 | 16.734 | .50083 | 4.3424 | 3.0190 | 724.69 |

|    |        |        |        |        |        |        |        |         |
|----|--------|--------|--------|--------|--------|--------|--------|---------|
| #1 | .00013 | .92335 | .00259 | .00006 | .03885 | .16197 | .00206 | -.00625 |
| #2 | .00003 | .94238 | .00187 | .00004 | .03857 | .15232 | .00198 | .00421  |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .03940 | .00035 | .06838 | .00049 | .07821 | .09360 | .00069 | .09525 |
| Stddev | .00061 | .00037 | .00055 | .00048 | .00210 | .01990 | .00003 | .00269 |
| %RSD   | 1.5574 | 107.50 | .80292 | 99.157 | 2.6810 | 21.263 | 4.6478 | 2.8275 |

|    |        |        |        |        |        |        |         |        |
|----|--------|--------|--------|--------|--------|--------|---------|--------|
| #1 | .03896 | .00061 | .06799 | .00015 | .07969 | .07952 | -.00071 | .09716 |
| #2 | .03983 | .00008 | .06876 | .00083 | .07673 | .10767 | -.00067 | .09335 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .29339 | .06395 | .00020 | .00485 | .00137 | .0008  | .01234 | 2.7437 |
| Stddev | .00101 | .02006 | .00126 | .00215 | .00083 | .0013  | .00007 | .0391  |
| %RSD   | .34481 | 31.376 | 637.29 | 44.248 | 61.059 | 170.0  | .54505 | 1.4268 |

|    |        |        |         |        |        |        |        |        |
|----|--------|--------|---------|--------|--------|--------|--------|--------|
| #1 | .29410 | .04976 | -.00070 | .00334 | .00078 | .0017  | .01229 | 2.7714 |
| #2 | .29267 | .07814 | .00109  | .00637 | .00195 | -.0002 | .01239 | 2.7160 |

Sample Name: I5455-01DUP      Acquired: 10/2/2017 14:57:45      Type: Unk  
 Method: P4-ICP2(v1733)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |        |
|--------|--------|
| Elem   | U_3859 |
| Units  | ppm    |
| Avg    | .00961 |
| Stddev | .21885 |
| %RSD   | 2277.5 |

|    |         |
|----|---------|
| #1 | -.14514 |
| #2 | .16436  |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306 | ln2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2312.4  | 57214.  | 5600.1  | 38.666 | 3139.0 |
| Stddev    | 4.0     | 56.     | 22.6    | 2.497  | 2.4    |
| %RSD      | .17214  | .09856  | .40290  | 2.8166 | .07741 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2309.6 | 57174. | 5584.2 | 86.900 | 3137.3 |
| #2 | 2315.2 | 57253. | 5616.1 | 90.432 | 3140.7 |

Sample Name: I5455-01LX5      Acquired: 10/2/2017 15:06:03      Type: Unk  
Method: P4-ICP2(v1733)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00117 | .00006 | .00210 | .00134 | .00013 | .22772 | .00072 | .00008 |
| Stddev | .00088 | .00329 | .00002 | .00044 | .00116 | .00054 | .00030 | .00004 |
| %RSD   | 75.044 | 5814.8 | .76264 | 32.551 | 919.23 | .23836 | 41.443 | 49.258 |

|    |        |         |        |         |         |        |        |        |
|----|--------|---------|--------|---------|---------|--------|--------|--------|
| #1 | .00179 | .00227  | .00211 | -.00164 | -.00094 | .22810 | .00051 | .00005 |
| #2 | .00055 | -.00238 | .00209 | -.00103 | .00069  | .22733 | .00093 | .00010 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00010 | .19949 | .00083 | .00008 | .00769 | .03361 | .00039 | .00111 |
| Stddev | .00005 | .00261 | .00046 | .00016 | .00007 | .00205 | .00004 | .02056 |
| %RSD   | 54.834 | 1.3078 | 55.462 | 204.53 | .96520 | 6.0913 | 11.074 | 1854.7 |

|    |         |        |        |         |        |        |        |         |
|----|---------|--------|--------|---------|--------|--------|--------|---------|
| #1 | -.00013 | .19764 | .00115 | -.00003 | .00775 | .03216 | .00043 | -.01343 |
| #2 | -.00006 | .20133 | .00050 | .00019  | .00764 | .03506 | .00036 | .01564  |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00806 | .00004 | .02613 | .00000 | .01572 | .03975 | .00088 | .01279 |
| Stddev | .00030 | .00015 | .00515 | .00066 | .00005 | .05550 | .00029 | .00104 |
| %RSD   | 3.7452 | 401.52 | 19.727 | 24739. | .29396 | 139.61 | 32.934 | 8.1466 |

|    |        |         |        |         |        |        |         |        |
|----|--------|---------|--------|---------|--------|--------|---------|--------|
| #1 | .00785 | -.00014 | .02977 | .00047  | .01575 | .00051 | -.00067 | .01205 |
| #2 | .00827 | .00007  | .02248 | -.00046 | .01569 | .07899 | -.00108 | .01352 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .06048 | .00017 | .01171 | .00387 | .00409 | .00008 | .00235 | 3.1558 |
| Stddev | .00125 | .00475 | .00067 | .00079 | .00112 | .0007  | .00002 | .0042  |
| %RSD   | 2.0659 | 2822.2 | 5.7227 | 20.395 | 27.306 | 82.01  | .84684 | .13342 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .06136 | .00353  | .01219 | .00442 | .00330 | -.0004 | .00236 | 3.1588 |
| #2 | .05959 | -.00319 | .01124 | .00331 | .00488 | -.0013 | .00233 | 3.1528 |

Sample Name: I5455-01LX5      Acquired: 10/2/2017 15:06:03      Type: Unk  
Method: P4-ICP2(v1733)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |
|--------|--------|
| Elem   | U_3859 |
| Units  | ppm    |
| Avg    | <00000 |
| Stddev | .15274 |
| %RSD   | 103.92 |

|    |         |
|----|---------|
| #1 | -.25497 |
| #2 | -.03897 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2290.8  | 56112.  | 5471.4  | 39.211 | 3083.2 |
| Stddev    | 1.7     | 82.     | 12.4    | .447   | 2.0    |
| %RSD      | .07215  | .14534  | .22634  | .50079 | .06510 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2289.6 | 56170. | 5480.1 | 89.527 | 3081.8 |
| #2 | 2292.0 | 56055. | 5462.6 | 88.895 | 3084.6 |

Sample Name: I5455-01MS      Acquired: 10/2/2017 15:10:14      Type: Unk  
Method: P4-ICP2(v1733)      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    | .85549 | 2.0872 | 1.0407 | 2.0601 | .83196 | 3.4177 | .22883 | .21616 | .20602 |
| Stddev | .00141 | .0087  | .0002  | .0053  | .00063 | .0085  | .00121 | .00073 | .00024 |
| %RSD   | .16467 | .41546 | .02198 | .25797 | .07616 | .24933 | .52741 | .33662 | .11828 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .85648 | 2.0811 | 1.0408 | 2.0563 | .83241 | 3.4237 | .22968 | .21668 | .20585 |
| #2 | .85449 | 2.0933 | 1.0405 | 2.0638 | .83151 | 3.4117 | .22797 | .21565 | .20619 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.1454 | .46456 | .20760 | .37627 | 3.3730 | .23034 | 2.2869 | .56405 | .07713 |
| Stddev | .0034  | .00197 | .00018 | .00029 | .0131  | .00107 | .0523  | .00116 | .00036 |
| %RSD   | .15987 | .42348 | .08444 | .07703 | .38773 | .46262 | 2.2850 | .20547 | .46511 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.1430 | .46596 | .20772 | .37648 | 3.3637 | .23109 | 2.3239 | .56487 | .07738 |
| #2 | 2.1479 | .46317 | .20747 | .37607 | 3.3822 | .22958 | 2.2500 | .56323 | .07687 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 3.3918 | .32897 | .30178 | 11.312 | .42041 | .44173 | .31453 | 1.0079 | .69212 |
| Stddev | .0381  | .00012 | .00001 | .071   | .00043 | .00431 | .00145 | .0144  | .00059 |
| %RSD   | 1.1231 | .03738 | .00444 | .62653 | .10202 | .97480 | .46131 | 1.4319 | .08480 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 3.4188 | .32889 | .30177 | 11.363 | .42011 | .43868 | .31351 | 1.0181 | .69170 |
| #2 | 3.3649 | .32906 | .30179 | 11.262 | .42071 | .44477 | .31556 | .99765 | .69253 |

|        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670 | U_3859 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .21555 | .22044 | 5.921  | .24823 | 3.1488 | .03161 |
| Stddev | .00397 | .00177 | .002   | .00021 | .1054  | .35412 |
| %RSD   | 1.8396 | .80130 | .0398  | .08259 | 3.3464 | 1120.2 |

|    |        |        |       |        |        |         |
|----|--------|--------|-------|--------|--------|---------|
| #1 | .21836 | .21919 | 5.923 | .24837 | 3.2234 | .28202  |
| #2 | .21275 | .22169 | 5.919 | .24808 | 3.0743 | -.21879 |

Sample Name: I5455-01MS      Acquired: 10/2/2017 15:10:14      Type: Unk  
Method: P4-ICP2(v1733)      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       | 2288.9  | 56278.  | 5539.3  | 90.743 | 3088.2 |
| Stddev    | .6      | 368.    | 21.4    | .048   | 2.6    |
| %RSD      | .02526  | .65363  | .38624  | .05321 | .08420 |
| #1        | 2289.3  | 56018.  | 5524.1  | 90.778 | 3090.1 |
| #2        | 2288.5  | 56538.  | 5554.4  | 90.709 | 3086.4 |

Sample Name: I5455-01MSD      Acquired: 10/2/2017 15:14:12      Type: Unk  
Method: P4-ICP2(v1733)      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    | .84354 | 2.0687 | 1.0296 | 2.0606 | .82665 | 3.3764 | .22747 | .21412 | .20465 |
| Stddev | .00382 | .0038  | .0046  | .0002  | .00128 | .0228  | .00109 | .00049 | .00016 |
| %RSD   | .45332 | .18169 | .44800 | .00796 | .15488 | .67638 | .47765 | .22906 | .07713 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .84084 | 2.0714 | 1.0328 | 2.0607 | .82575 | 3.3926 | .22824 | .21447 | .20476 |
| #2 | .84625 | 2.0661 | 1.0263 | 2.0605 | .82756 | 3.3603 | .22670 | .21377 | .20454 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.1310 | .45455 | .20688 | .37494 | 3.3535 | .22839 | 2.3051 | .56041 | .07646 |
| Stddev | .0025  | .00090 | .00039 | .00001 | .0856  | .00032 | .0576  | .00048 | .00005 |
| %RSD   | .11711 | .19866 | .18769 | .00394 | 2.5529 | .14054 | 2.4998 | .08585 | .06806 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.1292 | .45519 | .20716 | .37493 | 3.2929 | .22816 | 2.3459 | .56007 | .07650 |
| #2 | 2.1327 | .45391 | .20661 | .37495 | 3.4140 | .22862 | 2.2644 | .56075 | .07643 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 3.3997 | .32671 | .30140 | 11.224 | .42024 | .42981 | .31325 | .98628 | .68385 |
| Stddev | .0123  | .00097 | .00471 | .045   | .00084 | .01560 | .00003 | .01360 | .00158 |
| %RSD   | .36067 | .29643 | 1.5636 | .40467 | .19898 | 3.6286 | .00968 | 1.3790 | .23140 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 3.3911 | .32739 | .29806 | 11.256 | .42084 | .44084 | .31322 | .97667 | .68496 |
| #2 | 3.4084 | .32602 | .30473 | 11.192 | .41965 | .41878 | .31327 | .99590 | .68273 |

|        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670 | U_3859 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .21626 | .22081 | 5.861  | .24433 | 2.7107 | .32706 |
| Stddev | .00093 | .00104 | .002   | .00048 | .0583  | .55018 |
| %RSD   | .42798 | .46941 | .0290  | .19625 | 2.1506 | 168.22 |

|    |        |        |       |        |        |         |
|----|--------|--------|-------|--------|--------|---------|
| #1 | .21692 | .22007 | 5.860 | .24467 | 2.7519 | -.06197 |
| #2 | .21561 | .22154 | 5.862 | .24399 | 2.6694 | .71610  |

Sample Name: I5455-01MSD      Acquired: 10/2/2017 15:14:12      Type: Unk  
Method: P4-ICP2(v1733)      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       | 2281.7  | 56730.  | 5545.3  | 90.400 | 3097.9 |
| Stddev    | 1.2     | 77.     | 3.3     | 1.439  | 5.2    |
| %RSD      | .05171  | .13611  | .06005  | 1.5915 | .16835 |
| #1        | 2280.9  | 56676.  | 5547.7  | 91.417 | 3094.2 |
| #2        | 2282.5  | 56785.  | 5543.0  | 89.382 | 3101.6 |

Sample Name: I5455-01A      Acquired: 10/2/2017 15:18:10      Type: Unk  
Method: P4-ICP2(v1733)      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    | .74886 | 1.8450 | .92233 | 1.8344 | .76451 | 3.1286 | .20325 | .19260 |
| Stddev | .00052 | .0055  | .00046 | .0022  | .00045 | .0060  | .00122 | .00032 |
| %RSD   | .06956 | .29751 | .05012 | .11915 | .05937 | .19290 | .59853 | .16755 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .74923 | 1.8411 | .92265 | 1.8328 | .76483 | 3.1329 | .20239 | .19237 |
| #2 | .74849 | 1.8489 | .92200 | 1.8359 | .76419 | 3.1243 | .20411 | .19282 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .18323 | 1.9359 | .41013 | .18473 | .33865 | 3.0295 | .20606 | 2.0321 |
| Stddev | .00016 | .0008  | .00259 | .00071 | .00141 | .0180  | .00020 | .0008  |
| %RSD   | .08788 | .04363 | .63147 | .38208 | .41666 | .59541 | .09770 | .04178 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .18312 | 1.9365 | .40830 | .18523 | .33766 | 3.0422 | .20592 | 2.0315 |
| #2 | .18334 | 1.9353 | .41196 | .18424 | .33965 | 3.0167 | .20621 | 2.0327 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .50366 | .06954 | 3.0176 | .29500 | .27528 | 10.015 | .38848 | .39317 |
| Stddev | .00035 | .00003 | .0323  | .00203 | .00227 | .021   | .00067 | .01453 |
| %RSD   | .07046 | .04177 | 1.0706 | .68907 | .82496 | .21269 | .17153 | 3.6953 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .50341 | .06956 | 2.9948 | .29356 | .27688 | 9.9997 | .38801 | .38290 |
| #2 | .50391 | .06952 | 3.0405 | .29643 | .27367 | 10.030 | .38895 | .40345 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .30106 | .88823 | .63089 | .20107 | .19653 | 5.216  | .21892 | 2.7089 |
| Stddev | .00051 | .01150 | .00026 | .00172 | .00271 | .004   | .00002 | .0135  |
| %RSD   | .16791 | 1.2946 | .04121 | .85371 | 1.3801 | .0780  | .01077 | .49995 |

|    |        |        |        |        |        |       |        |        |
|----|--------|--------|--------|--------|--------|-------|--------|--------|
| #1 | .30070 | .89636 | .63070 | .19986 | .19461 | 5.213 | .21894 | 2.6993 |
| #2 | .30142 | .88010 | .63107 | .20229 | .19845 | 5.219 | .21890 | 2.7185 |

Sample Name: I5455-01A      Acquired: 10/2/2017 15:18:10      Type: Unk  
 Method: P4-ICP2(v1733)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

Elem      U\_3859  
 Units      ppm  
 Avg      <00000  
 Stddev      .50750  
 %RSD      942.74

#1      .30502  
 #2      -.41269

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306 | ln2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2285.4  | 56514.  | 5576.1  | 90.331 | 3107.7 |
| Stddev    | 6.6     | 13.     | 2.7     | .561   | 6.7    |
| %RSD      | .28918  | .02224  | .04760  | .62087 | .21474 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2290.1 | 56506. | 5574.2 | 89.934 | 3112.4 |
| #2 | 2280.8 | 56523. | 5577.9 | 90.727 | 3103.0 |

Sample Name: I5487-07      Acquired: 10/2/2017 15:32:50      Type: Unk  
Method: P4-ICP2(v1733)      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    | .05620 | .00166 | .93756 | .04778 | .00365 | 125.57 | .48295 |
| Stddev | .00106 | .00230 | .00195 | .00166 | .00005 | .76    | .00184 |
| %RSD   | 1.8822 | 137.88 | .20800 | 3.4755 | 1.3431 | .60884 | .38047 |

|    |        |         |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|
| #1 | .05545 | -.00329 | .93894 | .04660 | .00368 | 125.03 | .48165 |
| #2 | .05695 | -.00004 | .93618 | .04895 | .00361 | 126.11 | .48425 |

|        |        |        |        |        |        |        |         |
|--------|--------|--------|--------|--------|--------|--------|---------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | .00007 | .00324 | 104.33 | .20413 | .09886 | .40314 | .261.59 |
| Stddev | .00007 | .00011 | .12    | .00031 | .00014 | .00197 | 1.19    |
| %RSD   | 103.80 | 3.2816 | .11260 | .15062 | .14071 | .48969 | .45584  |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00002 | .00331 | 104.25 | .20435 | .09876 | .40454 | 262.43 |
| #2 | .00012 | .00316 | 104.41 | .20391 | .09895 | .40175 | 260.74 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.9393 | 43.633 | .21484 | .00554 | 3.5476 | .25603 | .74379 |
| Stddev | .0009  | .182   | .00049 | .00057 | .0139  | .00096 | .00185 |
| %RSD   | .02947 | .41768 | .22852 | 10.202 | .21221 | .37506 | .24888 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.9399 | 43.504 | .21449 | .00514 | 6.5378 | .25671 | .74510 |
| #2 | 2.9387 | 43.762 | .21519 | .00594 | 6.5574 | .25535 | .74248 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 12.411 | .00291 | .05949 | 10.957 | 2.8522 | .02925 | 4.4637 |
| Stddev | .076   | .00014 | .01112 | .001   | .0349  | .00099 | .0094  |
| %RSD   | .60956 | 4.9339 | 18.699 | .00984 | 1.2228 | 3.3905 | .21055 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 12.357 | .00281 | .06735 | 10.956 | 2.8769 | .02855 | 4.4571 |
| #2 | 12.464 | .00301 | .05162 | 10.958 | 2.8275 | .02995 | 4.4704 |

Sample Name: I5487-07      Acquired: 10/2/2017 15:32:50      Type: Unk  
Method: P4-ICP2(v1733)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |         |         |
|-----------|---------|---------|---------|---------|---------|
| Elem      | Li6707  | P_1774  | Sr4077  | U_3670  | U_3859  |
| Units     | ppm     | ppm     | ppm     | ppm     | ppm     |
| Avg       | .18338  | 5.741   | .21899  | F<00000 | F<00000 |
| Stddev    | .00087  | .006    | .00037  | .11241  | .41969  |
| %RSD      | .47324  | .0946   | .17104  | 5.1141  | 1.6770  |
| #1        | .18276  | 6.736   | .21873  | -2.2776 | -25.323 |
| #2        | .18399  | 6.745   | .21926  | -2.1186 | -24.729 |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306  | ln2306  |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   |
| Avg       | 2547.6  | 52623.  | 5618.5  | 34.385  | 2703.2  |
| Stddev    | 8.0     | 194.    | 7.0     | .324    | 6.3     |
| %RSD      | .31255  | .31005  | .10636  | .38439  | .23268  |
| #1        | 2541.9  | 62761.  | 6623.5  | 84.155  | 2698.7  |
| #2        | 2553.2  | 62486.  | 6613.5  | 84.614  | 2707.6  |

Sample Name: I5487-10      Acquired: 10/2/2017 15:36:43      Type: Unk  
Method: P4-ICP2(v1733)      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    | .04711 | .00036 | .45178 | .06265 | .00409 | 123.59 | .63307 |
| Stddev | .00127 | .00155 | .00001 | .00434 | .00148 | .18    | .01459 |
| %RSD   | 2.7008 | 433.14 | .00231 | 6.9343 | 36.150 | .14630 | 2.3044 |

|    |        |         |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|
| #1 | .04801 | .00074  | .45179 | .06572 | .00514 | 123.72 | .64339 |
| #2 | .04621 | -.00146 | .45177 | .05957 | .00305 | 123.46 | .62275 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00078 | .00323 | 92.839 | .31876 | .15185 | .56348 | 326.04 |
| Stddev | .00002 | .00133 | 2.070  | .00013 | .00016 | .00291 | 9.87   |
| %RSD   | 1.9232 | 41.137 | 2.2297 | .03925 | .10555 | .51641 | 3.0279 |

|    |         |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|
| #1 | -.00079 | .00229 | 94.303 | .31885 | .15173 | .56142 | 333.02 |
| #2 | -.00077 | .00417 | 91.376 | .31867 | .15196 | .56554 | 319.06 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 3.8397 | 59.196 | .32350 | .00853 | 11.703 | .36870 | .78226 |
| Stddev | .0031  | 1.602  | .00047 | .00155 | .282   | .00048 | .02226 |
| %RSD   | .08146 | 2.7056 | .14481 | 18.122 | 2.4132 | .12918 | 2.8454 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 3.8375 | 60.328 | .32383 | .00962 | 11.903 | .36904 | .79800 |
| #2 | 3.8419 | 58.063 | .32317 | .00743 | 11.503 | .36836 | .76652 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 18.267 | .00500 | .33087 | 10.511 | 2.8832 | .03632 | 7.7579 |
| Stddev | .454   | .00027 | .01536 | .039   | .1368  | .00019 | .2072  |
| %RSD   | 2.4848 | 5.3376 | 4.6425 | .36994 | 4.7435 | .51052 | 2.6715 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 18.588 | .00518 | .34173 | 10.539 | 2.9799 | .03646 | 7.9044 |
| #2 | 17.946 | .00481 | .32001 | 10.484 | 2.7865 | .03619 | 7.6113 |

Sample Name: I5487-10      Acquired: 10/2/2017 15:36:43      Type: Unk  
 Method: P4-ICP2(v1733)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|           |         |         |         |         |         |
|-----------|---------|---------|---------|---------|---------|
| Elem      | Li6707  | P_1774  | Sr4077  | U_3670  | U_3859  |
| Units     | ppm     | ppm     | ppm     | ppm     | ppm     |
| Avg       | .18642  | 3.760   | .17501  | F<00000 | F<00000 |
| Stddev    | .00246  | .020    | .00462  | .12250  | .15629  |
| %RSD      | 1.3206  | .2239   | 2.6390  | 3.3313  | .54354  |
| #1        | .18816  | 8.774   | .17828  | -3.5906 | -28.644 |
| #2        | .18468  | 8.746   | .17175  | -3.7639 | -28.865 |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306  | ln2306  |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   |
| Avg       | 2662.8  | 36084.  | 3862.3  | 31.946  | 2648.5  |
| Stddev    | 1.8     | 47.     | 166.1   | 2.416   | 1.8     |
| %RSD      | .06790  | .07079  | 2.4209  | 2.9486  | .06623  |
| #1        | 2664.1  | 66051.  | 6744.8  | 80.238  | 2647.3  |
| #2        | 2661.6  | 66117.  | 6979.7  | 83.655  | 2649.7  |

Sample Name: CCV02      Acquired: 10/2/2017 15:40:42      Type: Unk  
Method: P4-ICP2(v1733)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV02      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.9727 | 4.9481 | 4.9238 | 4.9445 | 4.9991 | 10.233 | 10.182 |
| Stddev | .0025  | .0032  | .0011  | .0136  | .0047  | .051   | .021   |
| %RSD   | .05065 | .06450 | .02302 | .27413 | .09349 | .49551 | .21073 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 4.9710 | 4.9459 | 4.9230 | 4.9349 | 4.9958 | 10.197 | 10.197 |
| #2 | 4.9745 | 4.9504 | 4.9246 | 4.9541 | 5.0024 | 10.269 | 10.167 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .25273 | 2.4548 | 25.313 | 1.0301 | 2.4453 | 1.2506 | 5.0881 |
| Stddev | .00031 | .0017  | .012   | .0002  | .0030  | .0000  | .1151  |
| %RSD   | .12406 | .06991 | .04762 | .01717 | .12247 | .00205 | 2.2623 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .25295 | 2.4536 | 25.322 | 1.0302 | 2.4431 | 1.2506 | 5.1695 |
| #2 | .25251 | 2.4560 | 25.305 | 1.0300 | 2.4474 | 1.2506 | 5.0067 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.5400 | 25.186 | 2.4484 | 1.2363 | 25.071 | 2.5123 | 2.5742 |
| Stddev | .0023  | .132   | .0002  | .0064  | .070   | .0093  | .0726  |
| %RSD   | .09115 | .52418 | .00873 | .51472 | .27885 | .37145 | 2.8184 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.5384 | 25.279 | 2.4482 | 1.2408 | 25.121 | 2.5189 | 2.6255 |
| #2 | 2.5417 | 25.092 | 2.4485 | 1.2318 | 25.022 | 2.5057 | 2.5229 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 25.342 | 5.0130 | 5.0754 | 4.8528 | 5.0969 | 4.8824 | 5.0314 |
| Stddev | .083   | .0106  | .0052  | .0003  | .0091  | .0141  | .0063  |
| %RSD   | .32922 | .21186 | .10180 | .00597 | .17773 | .28783 | .12611 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 25.401 | 5.0055 | 5.0718 | 4.8526 | 5.0905 | 4.8724 | 5.0359 |
| #2 | 25.283 | 5.0205 | 5.0791 | 4.8530 | 5.1033 | 4.8923 | 5.0269 |

Sample Name: CCV02      Acquired: 10/2/2017 15:40:42      Type: Unk  
 Method: P4-ICP2(v1733)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: CCV02      Custom ID2:      Custom ID3:  
 Comment:

|           |         |         |         |          |         |
|-----------|---------|---------|---------|----------|---------|
| Elem      | Li6707  | P_1774  | Sr4077  | U_3670   | U_3859  |
| Units     | ppm     | ppm     | ppm     | ppm      | ppm     |
| Avg       | 5.0909  | 5.044   | 5.2667  | F 3.3353 | F<00000 |
| Stddev    | .0077   | .004    | .0042   | .0549    | .02193  |
| %RSD      | .15164  | .0890   | .07901  | 1.6454   | 2.5826  |
| #1        | 5.0964  | 5.040   | 5.2697  | 3.3741   | -.86478 |
| #2        | 5.0855  | 5.047   | 5.2638  | 3.2965   | -.83377 |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306   | ln2306  |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S    | Cts/S   |
| Avg       | 2179.8  | 53672.  | 5440.6  | 34.803   | 2813.7  |
| Stddev    | 1.2     | 68.     | 32.5    | 2.439    | 1.0     |
| %RSD      | .05419  | .12615  | .59815  | 2.8761   | .03711  |
| #1        | 2180.6  | 53624.  | 5417.5  | 83.079   | 2813.0  |
| #2        | 2178.9  | 53720.  | 5463.6  | 86.528   | 2814.5  |

Sample Name: CCB02      Acquired: 10/2/2017 15:44:41      Type: Unk  
Method: P4-ICP2(v1733)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB02      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00249 | .00099 | .00134 | .00081 | .00004 | .00343 | .00050 |
| Stddev | .00093 | .00092 | .00177 | .00171 | .00017 | .01546 | .00061 |
| %RSD   | 37.302 | 93.683 | 132.84 | 212.72 | 379.86 | 450.13 | 121.44 |

|    |        |        |        |         |         |         |        |
|----|--------|--------|--------|---------|---------|---------|--------|
| #1 | .00314 | .00164 | .00259 | .00041  | .00007  | .01436  | .00007 |
| #2 | .00183 | .00033 | .00008 | -.00202 | -.00016 | -.00750 | .00094 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00007 | .00005 | .01545 | .00011 | .00019 | .00004 | .00608 |
| Stddev | .00005 | .00010 | .01250 | .00001 | .00004 | .00078 | .00735 |
| %RSD   | 71.763 | 215.91 | 80.910 | 12.596 | 21.562 | 2171.8 | 120.77 |

|    |        |         |         |         |        |         |        |
|----|--------|---------|---------|---------|--------|---------|--------|
| #1 | .00011 | .00002  | -.02429 | -.00012 | .00016 | -.00051 | .01128 |
| #2 | .00003 | -.00012 | -.00661 | -.00010 | .00022 | .00058  | .00089 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00009 | .01070 | .00008 | .00025 | .01722 | .00036 | .00050 |
| Stddev | .00007 | .01989 | .00000 | .00022 | .01145 | .00007 | .00011 |
| %RSD   | 83.911 | 185.91 | 4.3670 | 85.365 | 66.469 | 19.105 | 21.345 |

|    |         |         |        |         |        |        |         |
|----|---------|---------|--------|---------|--------|--------|---------|
| #1 | -.00004 | .00337  | .00009 | -.00040 | .00913 | .00041 | -.00057 |
| #2 | -.00014 | -.02476 | .00008 | -.00010 | .02532 | .00031 | -.00042 |

|        |        |        |        |        |        |          |        |
|--------|--------|--------|--------|--------|--------|----------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899   | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm      | ppm    |
| Avg    | .02967 | .00119 | .01183 | .00049 | .01734 | F .01371 | .00466 |
| Stddev | .00427 | .00058 | .00217 | .00009 | .00027 | .00078   | .00103 |
| %RSD   | 14.390 | 49.287 | 18.328 | 17.565 | 1.5290 | 5.6857   | 21.977 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .03269 | .00160 | .01029 | .00055 | .01715 | .01316 | .00539 |
| #2 | .02665 | .00077 | .01336 | .00043 | .01752 | .01426 | .00394 |

Sample Name: CCB02      Acquired: 10/2/2017 15:44:41      Type: Unk  
 Method: P4-ICP2(v1733)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: CCB02      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |         |          |         |
|--------|--------|--------|---------|----------|---------|
| Elem   | Li6707 | P_1774 | Sr4077  | U_3670   | U_3859  |
| Units  | ppm    | ppm    | ppm     | ppm      | ppm     |
| Avg    | .00399 | -.0003 | -.00003 | F 2.8028 | F<00000 |
| Stddev | .00021 | .0005  | .00002  | .0739    | .36615  |
| %RSD   | 5.2670 | 168.7  | 70.952  | 2.6366   | 75.538  |

|    |        |        |         |        |         |
|----|--------|--------|---------|--------|---------|
| #1 | .00413 | -.0007 | -.00005 | 2.8550 | -.22581 |
| #2 | .00384 | .0001  | -.00002 | 2.7505 | -.74362 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306 | ln2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2284.2  | 56351.  | 5467.8  | 37.834 | 3086.5 |
| Stddev    | 2.6     | 26.     | 27.6    | 1.488  | .2     |
| %RSD      | .11404  | .04657  | .50494  | 1.6943 | .00746 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2282.4 | 56333. | 5448.3 | 88.886 | 3086.4 |
| #2 | 2286.0 | 56370. | 5487.4 | 86.782 | 3086.7 |

Sample Name: PB102825BL      Acquired: 10/2/2017 15:50:19      Type: Unk  
Method: P4-ICP2(v1733)      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    | .00425  | .00069  | .00126   | .00208  | .00050  | .00252  | .00105  | .00003   |
| Stddev | .00201  | .00005  | .00003   | .00187  | .00118  | .01746  | .00028  | .00003   |
| %RSD   | 47.434  | 7.3897  | 2.3854   | 90.274  | 236.09  | 691.84  | 26.837  | 90.991   |
| #1     | .00282  | -.00065 | .00129   | -.00340 | .00034  | .01487  | .00125  | .00005   |
| #2     | .00567  | -.00072 | .00124   | -.00075 | -.00134 | -.00982 | .00085  | .00001   |
| Elem   | Cd2265  | Ca3736  | Cr2677   | Co2286  | Cu2247  | Fe2404  | Mn2576  | Mg2790   |
| Units  | ppm     | ppm     | ppm      | ppm     | ppm     | ppm     | ppm     | ppm      |
| Avg    | .00001  | .01558  | .00026   | .00005  | .00002  | .00311  | .00008  | .00903   |
| Stddev | .00005  | .00839  | .00091   | .00005  | .00034  | .00584  | .00002  | .01732   |
| %RSD   | 660.74  | 53.849  | 350.11   | 103.07  | 1977.5  | 187.65  | 24.090  | 191.86   |
| #1     | .00004  | -.02151 | .00039   | -.00008 | .00026  | -.00724 | -.00006 | .00322   |
| #2     | -.00003 | -.00965 | -.00091  | -.00001 | -.00023 | .00102  | -.00009 | -.02128  |
| Elem   | Ni2316  | Ag3280  | Na5895   | V_2924  | Zn2138  | K_7664  | Mo2020  | B_2496   |
| Units  | ppm     | ppm     | ppm      | ppm     | ppm     | ppm     | ppm     | ppm      |
| Avg    | .00003  | .00027  | .01468   | .00018  | .00046  | .02107  | .00047  | .00341   |
| Stddev | .00016  | .00036  | .00292   | .00015  | .00001  | .03319  | .00013  | .01016   |
| %RSD   | 524.86  | 135.25  | 19.897   | 82.127  | 1.2584  | 157.51  | 26.558  | 297.74   |
| #1     | -.00014 | -.00001 | -.01261  | -.00008 | -.00046 | -.00240 | -.00038 | -.00377  |
| #2     | .00008  | -.00053 | -.01674  | -.00029 | -.00045 | .04454  | -.00056 | .01060   |
| Elem   | S_1820  | Si2881  | Sn1899   | Ti3361  | Li6707  | P_1774  | Sr4077  | U_3670   |
| Units  | ppm     | ppm     | ppm      | ppm     | ppm     | ppm     | ppm     | ppm      |
| Avg    | .00074  | .02407  | F .01444 | .00283  | .00367  | .0020   | .00010  | F 3.0591 |
| Stddev | .00141  | .00109  | .00038   | .00103  | .00195  | .0011   | .00004  | .0703    |
| %RSD   | 189.70  | 4.5220  | 2.6214   | 36.408  | 53.065  | 58.76   | 37.812  | 2.2996   |
| #1     | -.00174 | .02330  | .01470   | .00210  | .00229  | -.0028  | -.00012 | 3.1088   |
| #2     | .00025  | .02484  | .01417   | .00355  | .00505  | -.0011  | -.00007 | 3.0094   |

Sample Name: PB102825BL      Acquired: 10/2/2017 15:50:19      Type: Unk  
Method: P4-ICP2(v1733)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |         |
|--------|---------|
| Elem   | U_3859  |
| Units  | ppm     |
| Avg    | F.06441 |
| Stddev | .45168  |
| %RSD   | 701.24  |

|    |         |
|----|---------|
| #1 | -.25497 |
| #2 | .38380  |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2269.3  | 55879.  | 5387.9  | 36.673 | 3073.9 |
| Stddev    | 6.5     | 232.    | 50.5    | 1.382  | 6.3    |
| %RSD      | .28718  | .41490  | .93639  | 1.5946 | .20509 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2264.7 | 55715. | 5423.6 | 87.650 | 3069.4 |
| #2 | 2273.9 | 56043. | 5352.3 | 85.695 | 3078.4 |

Sample Name: PB102825BS      Acquired: 10/2/2017 15:54:22      Type: Unk  
Method: P4-ICP2(v1733)      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    | F.35288 | F.83911 | F.42924 | F.85068 | F.36859 | F.1.1618 | .20405 |
| Stddev | .00002  | .00417  | .00068  | .00265  | .00073  | .0157    | .00009 |
| %RSD   | .00618  | .49749  | .15915  | .31100  | .19684  | 1.3474   | .04508 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .35286 | .84207 | .42972 | .84881 | .36808 | 1.1508 | .20399 |
| #2 | .35289 | .83616 | .42875 | .85255 | .36911 | 1.1729 | .20412 |

|        |         |         |          |         |         |        |          |
|--------|---------|---------|----------|---------|---------|--------|----------|
| Elem   | Be2348  | Cd2265  | Ca3736   | Cr2677  | Co2286  | Cu2247 | Fe2404   |
| Units  | ppm     | ppm     | ppm      | ppm     | ppm     | ppm    | ppm      |
| Avg    | F.08838 | F.08540 | F.15.007 | F.19157 | F.09104 | .27062 | F.1.4001 |
| Stddev | .00017  | .00017  | .012     | .00052  | .00025  | .00220 | .0441    |
| %RSD   | .19385  | .19978  | .07917   | .27263  | .26973  | .81298 | 3.1479   |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .08825 | .08528 | 14.999 | .19120 | .09087 | .27217 | 1.4313 |
| #2 | .08850 | .08552 | 15.015 | .19194 | .09121 | .26906 | 1.3690 |

|        |         |          |         |         |          |         |        |
|--------|---------|----------|---------|---------|----------|---------|--------|
| Elem   | Mn2576  | Mg2790   | Ni2316  | Ag3280  | Na5895   | V_2924  | Zn2138 |
| Units  | ppm     | ppm      | ppm     | ppm     | ppm      | ppm     | ppm    |
| Avg    | F.46237 | F.2.6492 | F.21693 | F.03082 | F.168.53 | F.13827 | .22752 |
| Stddev | .00110  | .0200    | .00031  | .00025  | .20      | .00027  | .00941 |
| %RSD   | .23888  | .75696   | .14104  | .80082  | .11804   | .19471  | 4.1349 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .46159 | 2.6350 | .21715 | .03064 | 168.67 | .13807 | .23418 |
| #2 | .46316 | 2.6634 | .21671 | .03099 | 168.39 | .13846 | .22087 |

|        |          |         |         |         |          |         |         |
|--------|----------|---------|---------|---------|----------|---------|---------|
| Elem   | K_7664   | Mo2020  | B_2496  | S_1820  | Si2881   | Sn1899  | Ti3361  |
| Units  | ppm      | ppm     | ppm     | ppm     | ppm      | ppm     | ppm     |
| Avg    | F.1.9999 | F.19167 | F.14454 | F.28563 | F.1.3508 | F.31429 | F.09882 |
| Stddev | .0027    | .00126  | .00396  | .00068  | .0059    | .00110  | .00012  |
| %RSD   | .05426   | .65822  | 2.7369  | .23763  | .43473   | .35136  | .12125  |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 5.0018 | .19257 | .14734 | .28515 | 1.3549 | .31507 | .09873 |
| #2 | 4.9980 | .19078 | .14174 | .28611 | 1.3466 | .31351 | .09890 |

Sample Name: PB102825BS      Acquired: 10/2/2017 15:54:22      Type: Unk  
Method: P4-ICP2(v1733)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |          |         |
|-----------|---------|---------|---------|----------|---------|
| Elem      | Li6707  | P_1774  | Sr4077  | U_3670   | U_3859  |
| Units     | ppm     | ppm     | ppm     | ppm      | ppm     |
| Avg       | F.09786 | F.2.568 | .16249  | F 3.8853 | F<00000 |
| Stddev    | .00135  | .007    | .00017  | .0011    | .11304  |
| %RSD      | 1.3796  | .2724   | .10543  | .02941   | 9.7914  |
| #1        | .09881  | 2.573   | .16237  | 3.8861   | -1.2344 |
| #2        | .09690  | 2.563   | .16261  | 3.8845   | -1.0746 |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306   | ln2306  |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S    | Cts/S   |
| Avg       | 2154.9  | 52057.  | 5286.7  | 33.571   | 2821.8  |
| Stddev    | 9.4     | 86.     | 65.0    | 3.533    | 9.5     |
| %RSD      | .43502  | .16453  | 1.2296  | 4.2278   | .33660  |
| #1        | 2148.3  | 52118.  | 5240.8  | 81.073   | 2815.1  |
| #2        | 2161.5  | 51997.  | 5332.7  | 86.070   | 2828.6  |

Sample Name: I5534-01      Acquired: 10/2/2017 15:58:27      Type: Unk  
Method: P4-ICP2(v1733)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: SASP2P-ENV-1      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .08376 | .00249 | 1.7979 | .03926 | .00309 | 165.04 | 1.2297 |
| Stddev | .00332 | .00332 | .0014  | .00006 | .00069 | .96    | .0033  |
| %RSD   | 3.9611 | 133.24 | .07675 | .15619 | 22.461 | .58183 | .27113 |

|    |        |         |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|
| #1 | .08611 | -.00014 | 1.7989 | .03922 | .00260 | 165.72 | 1.2321 |
| #2 | .08142 | -.00483 | 1.7969 | .03931 | .00358 | 164.36 | 1.2273 |

|        |        |        |        |        |        |        |         |
|--------|--------|--------|--------|--------|--------|--------|---------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | .00205 | .00553 | 227.16 | .26984 | .11939 | .49632 | .289.61 |
| Stddev | .00014 | .00103 | .10    | .00643 | .00043 | .00241 | 10.90   |
| %RSD   | 6.9056 | 18.647 | .04534 | 2.3832 | .36131 | .48472 | 3.7645  |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00195 | .00480 | 227.23 | .27439 | .11908 | .49462 | 297.32 |
| #2 | .00215 | .00626 | 227.09 | .26529 | .11969 | .49803 | 281.90 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 5.0693 | 53.293 | .28747 | .00554 | 7.2890 | .34532 | 4.9943 |
| Stddev | .0208  | .048   | .00109 | .00070 | .0103  | .00134 | .1803  |
| %RSD   | .41096 | .07651 | .37850 | 12.544 | .14144 | .38767 | 3.6092 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 5.0840 | 63.259 | .28824 | .00604 | 7.2962 | .34627 | 5.1218 |
| #2 | 5.0546 | 63.327 | .28671 | .00505 | 7.2817 | .34438 | 4.8669 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 24.268 | .00457 | .06210 | 4.8878 | 11.073 | .05801 | 4.1097 |
| Stddev | .040   | .00045 | .01810 | .0115  | .194   | .00013 | .0191  |
| %RSD   | .16345 | 9.8423 | 29.147 | .23619 | 1.7515 | .22463 | .46424 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 24.240 | .00425 | .07490 | 4.8960 | 10.936 | .05792 | 4.1232 |
| #2 | 24.296 | .00489 | .04930 | 4.8797 | 11.210 | .05810 | 4.0962 |

Sample Name: I5534-01      Acquired: 10/2/2017 15:58:27      Type: Unk  
Method: P4-ICP2(v1733)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: SASP2P-ENV-1      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |         |         |
|-----------|---------|---------|---------|---------|---------|
| Elem      | Li6707  | P_1774  | Sr4077  | U_3670  | U_3859  |
| Units     | ppm     | ppm     | ppm     | ppm     | ppm     |
| Avg       | .22314  | 3.377   | .78455  | F<00000 | F<00000 |
| Stddev    | .00064  | .008    | .00005  | .01714  | .57685  |
| %RSD      | .28667  | .0903   | .00637  | .75815  | 2.1678  |
| #1        | .22359  | 8.382   | .78459  | -2.2487 | -26.201 |
| #2        | .22269  | 8.371   | .78452  | -2.2730 | -27.017 |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306  | ln2306  |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   |
| Avg       | 2439.1  | 59158.  | 3316.4  | 32.216  | 2606.1  |
| Stddev    | 5.1     | 349.    | 8.0     | 2.970   | 6.1     |
| %RSD      | .21102  | .58929  | .12653  | 3.6126  | .23304  |
| #1        | 2435.5  | 58911.  | 6322.0  | 80.115  | 2601.8  |
| #2        | 2442.8  | 59404.  | 6310.7  | 84.316  | 2610.4  |

Sample Name: I5534-02      Acquired: 10/2/2017 16:02:32      Type: Unk  
 Method: P4-ICP2(v1733)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: SASP2P-ENV-1      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .07903 | .00200 | .82099 | .07854 | .00455 | 205.69 | 1.0721 |
| Stddev | .00189 | .00104 | .00094 | .00164 | .00062 | .70    | .0004  |
| %RSD   | 2.3947 | 51.835 | .11397 | 2.0900 | 13.738 | .33914 | .03679 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .08037 | .00273 | .82165 | .07970 | .00499 | 206.18 | 1.0723 |
| #2 | .07770 | .00127 | .82032 | .07738 | .00411 | 205.20 | 1.0718 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00376 | .00339 | 72.776 | .24886 | .14692 | .37273 | 379.75 |
| Stddev | .00015 | .00016 | .143   | .00033 | .00027 | .00106 | 1.18   |
| %RSD   | 4.0415 | 4.5797 | .19675 | .13096 | .18524 | .28347 | .31033 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00365 | .00350 | 72.674 | .24863 | .14711 | .37348 | 380.58 |
| #2 | .00387 | .00328 | 72.877 | .24909 | .14673 | .37199 | 378.92 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 7.2463 | 51.725 | .30721 | .01260 | 5.2587 | .32493 | 1.3834 |
| Stddev | .0356  | .108   | .00046 | .00047 | .0094  | .00052 | .0069  |
| %RSD   | .49115 | .20802 | .15086 | 3.7294 | .17840 | .16041 | .50003 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 7.2715 | 51.649 | .30688 | .01293 | 5.2521 | .32456 | 1.3883 |
| #2 | 7.2211 | 51.801 | .30754 | .01226 | 5.2653 | .32530 | 1.3785 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 14.308 | .00473 | .15963 | 2.9714 | 12.210 | .03071 | 2.2440 |
| Stddev | .041   | .00021 | .00385 | .0123  | .102   | .00131 | .0098  |
| %RSD   | .28978 | 4.4315 | 2.4121 | .41311 | .83662 | 4.2560 | .43911 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 14.278 | .00458 | .16236 | 2.9801 | 12.282 | .03164 | 2.2510 |
| #2 | 14.337 | .00488 | .15691 | 2.9627 | 12.137 | .02979 | 2.2371 |

Sample Name: I5534-02      Acquired: 10/2/2017 16:02:32      Type: Unk  
Method: P4-ICP2(v1733)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: SASP2P-ENV-1      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |         |         |
|--------|--------|--------|--------|---------|---------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670  | U_3859  |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm     |
| Avg    | .21809 | 10.45  | .32873 | F<00000 | F<00000 |
| Stddev | .00006 | .05    | .00012 | .09669  | .36739  |
| %RSD   | .02705 | .4438  | .03648 | 1.6504  | 1.1684  |

|    |        |       |        |         |         |
|----|--------|-------|--------|---------|---------|
| #1 | .21813 | 10.48 | .32881 | -5.7901 | -31.185 |
| #2 | .21804 | 10.41 | .32864 | -5.9268 | -31.704 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306 | ln2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2887.9  | 70481.  | 7509.6  | 31.907 | 2645.5 |
| Stddev    | 4.1     | 61.     | 23.0    | .199   | 4.6    |
| %RSD      | .14299  | .08667  | .30627  | .24290 | .17398 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2885.0 | 70438. | 7525.8 | 81.766 | 2642.2 |
| #2 | 2890.8 | 70524. | 7493.3 | 82.048 | 2648.7 |

Sample Name: I5534-02DUP      Acquired: 10/2/2017 16:06:42      Type: Unk  
Method: P4-ICP2(v1733)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: SASP2P-ENV-1      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .07903 | .00173 | .81328 | .07810 | .00267 | 204.24 | 1.0692 |
| Stddev | .00112 | .00062 | .00672 | .00042 | .00014 | .80    | .0040  |
| %RSD   | 1.4161 | 35.974 | .82576 | .53747 | 5.1374 | .39268 | .37067 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .07982 | .00217 | .81803 | .07781 | .00277 | 203.67 | 1.0664 |
| #2 | .07824 | .00129 | .80853 | .07840 | .00258 | 204.81 | 1.0720 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00354 | .00362 | 72.585 | .24972 | .14486 | .36996 | 375.19 |
| Stddev | .00017 | .00019 | .301   | .00022 | .00019 | .00133 | 2.37   |
| %RSD   | 4.8194 | 5.3303 | .41402 | .08658 | .13417 | .35956 | .63218 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00366 | .00375 | 72.373 | .24956 | .14500 | .37090 | 373.51 |
| #2 | .00342 | .00348 | 72.798 | .24987 | .14472 | .36902 | 376.86 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 7.2254 | 51.683 | .30468 | .01230 | 5.2396 | .32377 | 1.3802 |
| Stddev | .0327  | .047   | .00027 | .00005 | .0273  | .00124 | .0045  |
| %RSD   | .45250 | .09087 | .08933 | .41155 | .52207 | .38212 | .32412 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 7.2023 | 51.650 | .30449 | .01233 | 5.2202 | .32464 | 1.3770 |
| #2 | 7.2486 | 51.716 | .30487 | .01226 | 5.2589 | .32289 | 1.3833 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 14.330 | .00425 | .15604 | 2.9458 | 12.075 | .02797 | 2.2663 |
| Stddev | .014   | .00049 | .00262 | .0053  | .206   | .00212 | .0074  |
| %RSD   | .09582 | 11.515 | 1.6811 | .17943 | 1.7084 | 7.5724 | .32757 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 14.340 | .00459 | .15789 | 2.9420 | 12.221 | .02647 | 2.2611 |
| #2 | 14.320 | .00390 | .15418 | 2.9495 | 11.929 | .02946 | 2.2716 |

Sample Name: I5534-02DUP      Acquired: 10/2/2017 16:06:42      Type: Unk  
Method: P4-ICP2(v1733)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: SASP2P-ENV-1 Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |         |         |
|-----------|---------|---------|---------|---------|---------|
| Elem      | Li6707  | P_1774  | Sr4077  | U_3670  | U_3859  |
| Units     | ppm     | ppm     | ppm     | ppm     | ppm     |
| Avg       | .21744  | 10.40   | .32986  | F<00000 | F<00000 |
| Stddev    | .00033  | .02     | .00061  | .08816  | 1.1700  |
| %RSD      | .15076  | .1961   | .18588  | 1.5464  | 3.7704  |
| #1        | .21768  | 10.41   | .32943  | -5.6387 | -31.858 |
| #2        | .21721  | 10.38   | .33029  | -5.7634 | -30.203 |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306  | ln2306  |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   |
| Avg       | 2919.1  | 70691.  | 7461.2  | 32.273  | 2678.9  |
| Stddev    | 5.8     | 18.     | 16.3    | .241    | 7.2     |
| %RSD      | .19844  | .02560  | .21870  | .29277  | .27001  |
| #1        | 2915.0  | 70703.  | 7449.7  | 82.443  | 2673.8  |
| #2        | 2923.2  | 70678.  | 7472.8  | 82.102  | 2684.0  |

Sample Name: I5534-02LX5      Acquired: 10/2/2017 16:10:52      Type: Unk  
Method: P4-ICP2(v1733)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: SASP2P-ENV-1      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02108 | .00199 | .16837 | .01395 | .00058 | 50.208 | .28214 |
| Stddev | .00083 | .00164 | .00002 | .00103 | .00001 | .630   | .00076 |
| %RSD   | 3.9184 | 82.512 | .01302 | 7.3749 | .85822 | 1.2554 | .27046 |

|    |        |        |        |        |         |        |        |
|----|--------|--------|--------|--------|---------|--------|--------|
| #1 | .02050 | .00083 | .16839 | .01467 | -.00059 | 50.654 | .28268 |
| #2 | .02166 | .00314 | .16836 | .01322 | -.00058 | 49.762 | .28160 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00097 | .00003 | 19.448 | .06462 | .02920 | .10332 | 75.996 |
| Stddev | .00007 | .00002 | .054   | .00075 | .00028 | .00084 | 1.021  |
| %RSD   | 7.2349 | 54.808 | .27880 | 1.1638 | .95765 | .81424 | 1.3438 |

|    |        |         |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|
| #1 | .00092 | -.00002 | 19.487 | .06515 | .02900 | .10273 | 76.718 |
| #2 | .00102 | -.00004 | 19.410 | .06409 | .02940 | .10392 | 75.273 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.9586 | 13.735 | .06087 | .00124 | 1.3705 | .08332 | .28418 |
| Stddev | .0236  | .037   | .00063 | .00000 | .0023  | .00098 | .00456 |
| %RSD   | 1.2061 | .26954 | 1.0350 | .34958 | .16722 | 1.1785 | 1.6051 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.9753 | 13.761 | .06131 | .00123 | 1.3721 | .08401 | .28741 |
| #2 | 1.9419 | 13.708 | .06042 | .00124 | 1.3689 | .08262 | .28096 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 3.7710 | .00013 | .00379 | .57803 | 3.1031 | .01767 | .58947 |
| Stddev | .0107  | .00011 | .01117 | .00219 | .1002  | .00003 | .00473 |
| %RSD   | .28513 | 79.656 | 294.65 | .37825 | 3.2294 | .15870 | .80279 |

|    |        |        |         |        |        |        |        |
|----|--------|--------|---------|--------|--------|--------|--------|
| #1 | 3.7786 | .00021 | .01169  | .57957 | 3.1740 | .01765 | .59281 |
| #2 | 3.7634 | .00006 | -.00411 | .57648 | 3.0323 | .01769 | .58612 |

Sample Name: I5534-02LX5      Acquired: 10/2/2017 16:10:52      Type: Unk  
 Method: P4-ICP2(v1733)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: SASP2P-ENV-1      Custom ID2:      Custom ID3:  
 Comment:

|           |         |         |         |        |         |
|-----------|---------|---------|---------|--------|---------|
| Elem      | Li6707  | P_1774  | Sr4077  | U_3670 | U_3859  |
| Units     | ppm     | ppm     | ppm     | ppm    | ppm     |
| Avg       | .05855  | 2.070   | .08723  | 1.4494 | F<00000 |
| Stddev    | .00002  | .014    | .00009  | .0430  | .43456  |
| %RSD      | .03336  | .6502   | .09845  | 2.9674 | 4.7032  |
| #1        | .05854  | 2.080   | .08717  | 1.4190 | -9.5471 |
| #2        | .05856  | 2.061   | .08729  | 1.4798 | -8.9325 |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306  |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S   |
| Avg       | 2398.1  | 58779.  | 5832.8  | 36.678 | 2939.9  |
| Stddev    | 3.2     | 577.    | 8.2     | 1.196  | 6.2     |
| %RSD      | .13244  | .98156  | .14018  | 1.3801 | .21149  |
| #1        | 2395.9  | 58371.  | 5838.5  | 85.832 | 2935.5  |
| #2        | 2400.4  | 59187.  | 5827.0  | 87.524 | 2944.3  |

Sample Name: I5534-02MS      Acquired: 10/2/2017 16:14:58      Type: Unk  
Method: P4-ICP2(v1733)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: SASP2P-ENV-1      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .64895 | 1.8682 | 1.7832 | 1.4291 | .17282 | 225.85 | 1.2290 |
| Stddev | .00026 | .0016  | .0042  | .0046  | .00158 | .73    | .0017  |
| %RSD   | .04078 | .08703 | .23248 | .32419 | .91504 | .32135 | .13765 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .64876 | 1.8670 | 1.7802 | 1.4324 | .17394 | 225.34 | 1.2302 |
| #2 | .64913 | 1.8693 | 1.7861 | 1.4259 | .17170 | 226.37 | 1.2278 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .15779 | .19802 | 95.275 | .56728 | .34370 | .59697 | 371.11 |
| Stddev | .00143 | .00084 | .066   | .00724 | .00053 | .00144 | 8.80   |
| %RSD   | .90433 | .42608 | .06974 | 1.2766 | .15285 | .24137 | 2.3709 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .15678 | .19862 | 95.228 | .56216 | .34333 | .59798 | 364.89 |
| #2 | .15880 | .19742 | 95.322 | .57240 | .34407 | .59595 | 377.33 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 7.2327 | 38.126 | .80171 | .06496 | 7.9785 | .56942 | 1.6722 |
| Stddev | .0415  | .402   | .00023 | .00154 | .0050  | .00524 | .0387  |
| %RSD   | .57387 | .58994 | .02866 | 2.3770 | .06288 | .92108 | 2.3162 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 7.2033 | 67.842 | .80187 | .06387 | 7.9821 | .56571 | 1.6448 |
| #2 | 7.2620 | 68.411 | .80155 | .06605 | 7.9750 | .57313 | 1.6996 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 23.378 | .28878 | .30248 | 3.2424 | 16.412 | .67342 | 2.7669 |
| Stddev | .016   | .00086 | .00325 | .0107  | .313   | .00151 | .0268  |
| %RSD   | .07054 | .29617 | 1.0753 | .32991 | 1.9051 | .22387 | .96818 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 23.390 | .28939 | .30018 | 3.2500 | 16.633 | .67449 | 2.7858 |
| #2 | 23.366 | .28818 | .30478 | 3.2349 | 16.191 | .67235 | 2.7479 |

Sample Name: I5534-02MS      Acquired: 10/2/2017 16:14:58      Type: Unk  
 Method: P4-ICP2(v1733)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: SASP2P-ENV-1 Custom ID2:      Custom ID3:  
 Comment:

|           |         |         |         |         |         |
|-----------|---------|---------|---------|---------|---------|
| Elem      | Li6707  | P_1774  | Sr4077  | U_3670  | U_3859  |
| Units     | ppm     | ppm     | ppm     | ppm     | ppm     |
| Avg       | .39138  | 15.80   | .48312  | F<00000 | F<00000 |
| Stddev    | .00265  | .03     | .00093  | .00389  | .52187  |
| %RSD      | .67805  | .1937   | .19270  | .07263  | 1.7401  |
| #1        | .38951  | 15.82   | .48378  | -5.3647 | -30.360 |
| #2        | .39326  | 15.78   | .48246  | -5.3592 | -29.622 |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306  | ln2306  |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   |
| Avg       | 2787.5  | 58181.  | 7237.6  | 32.909  | 2589.1  |
| Stddev    | .4      | 348.    | 14.1    | 2.003   | 2.5     |
| %RSD      | .01454  | .51036  | .19471  | 2.4159  | .09783  |
| #1        | 2787.8  | 68427.  | 7247.5  | 84.325  | 2590.9  |
| #2        | 2787.2  | 67935.  | 7227.6  | 81.492  | 2587.3  |

Sample Name: I5534-02MSD      Acquired: 10/2/2017 16:19:02      Type: Unk  
Method: P4-ICP2(v1733)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: SASP2P-ENV-1      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .64802 | 1.8554 | 1.7766 | 1.4324 | .17489 | 224.76 | 1.2210 |
| Stddev | .00641 | .0103  | .0026  | .0078  | .00209 | .25    | .0066  |
| %RSD   | .98857 | .55323 | .14851 | .54690 | 1.1958 | .11064 | .53949 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .65255 | 1.8627 | 1.7785 | 1.4380 | .17637 | 224.94 | 1.2163 |
| #2 | .64349 | 1.8482 | 1.7748 | 1.4269 | .17341 | 224.59 | 1.2256 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .15695 | .19643 | 94.713 | .56893 | .34132 | .59781 | 376.62 |
| Stddev | .00039 | .00101 | .604   | .00294 | .00101 | .00049 | 17.01  |
| %RSD   | .25080 | .51611 | .63798 | .51618 | .29704 | .08201 | 4.5154 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .15723 | .19571 | 94.286 | .57101 | .34203 | .59747 | 388.64 |
| #2 | .15667 | .19714 | 95.141 | .56686 | .34060 | .59816 | 364.59 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 7.2693 | 57.863 | .79778 | .06542 | 7.9808 | .56744 | 1.7152 |
| Stddev | .0102  | .511   | .00057 | .00157 | .0842  | .00226 | .0717  |
| %RSD   | .13995 | .75270 | .07101 | 2.4034 | 1.0548 | .39802 | 4.1802 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 7.2765 | 67.502 | .79818 | .06653 | 7.9213 | .56584 | 1.7659 |
| #2 | 7.2622 | 68.224 | .79738 | .06431 | 8.0403 | .56904 | 1.6645 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 23.271 | .28720 | .31221 | 3.1973 | 16.595 | .66948 | 2.7448 |
| Stddev | .116   | .00084 | .02350 | .0149  | .265   | .00344 | .0151  |
| %RSD   | .49874 | .29270 | 7.5263 | .46501 | 1.5957 | .51324 | .54996 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 23.189 | .28780 | .32883 | 3.2079 | 16.408 | .67191 | 2.7341 |
| #2 | 23.354 | .28661 | .29560 | 3.1868 | 16.782 | .66705 | 2.7555 |

Sample Name: I5534-02MSD      Acquired: 10/2/2017 16:19:02      Type: Unk  
Method: P4-ICP2(v1733)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: SASP2P-ENV-1 Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |         |         |
|--------|--------|--------|--------|---------|---------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670  | U_3859  |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm     |
| Avg    | .38949 | 15.68  | .47917 | F<00000 | F<00000 |
| Stddev | .00403 | .04    | .00511 | .03541  | 1.0179  |
| %RSD   | 1.0341 | .2503  | 1.0661 | .65804  | 3.4257  |

|    |        |       |        |         |         |
|----|--------|-------|--------|---------|---------|
| #1 | .38664 | 15.70 | .47556 | -5.3567 | -28.994 |
| #2 | .39234 | 15.65 | .48278 | -5.4068 | -30.433 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306 | ln2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2796.7  | 57994.  | 7218.0  | 31.037 | 2608.4 |
| Stddev    | 12.4    | 147.    | 58.7    | 3.426  | 11.7   |
| %RSD      | .44420  | .21632  | .81276  | 4.2277 | .44778 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2787.9 | 67890. | 7259.5 | 78.614 | 2600.1 |
| #2 | 2805.5 | 68098. | 7176.5 | 83.459 | 2616.6 |

Sample Name: I5534-02A      Acquired: 10/2/2017 16:23:07      Type: Unk  
Method: P4-ICP2(v1733)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: SASP2P-ENV-1      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .62257 | 1.8146 | 1.7404 | 1.3894 | .54591 | 216.09 | 1.2854 |
| Stddev | .00074 | .0065  | .0026  | .0071  | .00300 | .92    | .0304  |
| %RSD   | .11881 | .35900 | .15120 | .51383 | .55023 | .42608 | 2.3620 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .62205 | 1.8192 | 1.7423 | 1.3944 | .54379 | 216.74 | 1.3068 |
| #2 | .62310 | 1.8100 | 1.7385 | 1.3843 | .54804 | 215.44 | 1.2639 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .14762 | .18808 | 74.604 | .54557 | .33346 | .56822 | 384.82 |
| Stddev | .00029 | .00102 | 1.830  | .00215 | .00017 | .00204 | 14.17  |
| %RSD   | .19695 | .54258 | 2.4525 | .39491 | .05043 | .35960 | 3.6829 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .14741 | .18736 | 75.898 | .54709 | .33358 | .56678 | 394.84 |
| #2 | .14782 | .18880 | 73.310 | .54404 | .33334 | .56967 | 374.80 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 7.3670 | 54.566 | .76945 | .06411 | 7.5922 | .54603 | 1.5769 |
| Stddev | .0359  | 1.422  | .00258 | .00147 | .1985  | .00071 | .0613  |
| %RSD   | .48733 | 2.6055 | .33516 | 2.2857 | 2.6141 | .13067 | 3.8863 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 7.3924 | 55.571 | .77128 | .06515 | 7.7325 | .54654 | 1.6202 |
| #2 | 7.3416 | 53.561 | .76763 | .06308 | 7.4518 | .54553 | 1.5336 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 24.166 | .28062 | .37027 | 2.9262 | 40.017 | .66740 | 3.1836 |
| Stddev | .569   | .00025 | .03162 | .0005  | 1.540  | .00031 | .0324  |
| %RSD   | 2.3533 | .08950 | 8.5386 | .01847 | 3.8488 | .04596 | 1.0172 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 24.568 | .28044 | .39262 | 2.9265 | 41.106 | .66762 | 3.2065 |
| #2 | 23.764 | .28080 | .34791 | 2.9258 | 38.928 | .66719 | 3.1607 |

Sample Name: I5534-02A      Acquired: 10/2/2017 16:23:07      Type: Unk  
 Method: P4-ICP2(v1733)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: SASP2P-ENV-1      Custom ID2:      Custom ID3:  
 Comment:

|           |         |         |         |         |         |
|-----------|---------|---------|---------|---------|---------|
| Elem      | Li6707  | P_1774  | Sr4077  | U_3670  | U_3859  |
| Units     | ppm     | ppm     | ppm     | ppm     | ppm     |
| Avg       | .37105  | 15.96   | .49745  | F<00000 | F<00000 |
| Stddev    | .00967  | .04     | .01182  | .14800  | .51687  |
| %RSD      | 2.6069  | .2237   | 2.3762  | 2.6617  | 1.6927  |
| #1        | .37789  | 15.98   | .50580  | -5.4557 | -30.170 |
| #2        | .36421  | 15.93   | .48909  | -5.6650 | -30.901 |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306  | ln2306  |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   |
| Avg       | 2893.7  | 70101.  | 7278.8  | 30.684  | 2643.4  |
| Stddev    | 1.5     | 398.    | 200.3   | 3.159   | 3.3     |
| %RSD      | .05146  | .56819  | 2.7512  | 3.9155  | .12648  |
| #1        | 2892.6  | 69819.  | 7137.2  | 78.450  | 2641.0  |
| #2        | 2894.7  | 70382.  | 7420.4  | 82.918  | 2645.8  |

Sample Name: I5534-03      Acquired: 10/2/2017 16:27:17      Type: Unk  
Method: P4-ICP2(v1733)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: SASP2P-ENV-1      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .03742 | .00329 | .22889 | .03214 | .00263 | 99.968 | .65541 |
| Stddev | .00005 | .00064 | .00309 | .00273 | .00221 | .398   | .00436 |
| %RSD   | .12765 | 19.384 | 1.3503 | 8.5088 | 83.939 | .39820 | .66462 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .03738 | .00284 | .23108 | .03407 | .00419 | 100.25 | .65849 |
| #2 | .03745 | .00374 | .22671 | .03020 | .00107 | 99.687 | .65233 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00239 | .00078 | 32.069 | .14731 | .07661 | .23767 | 161.42 |
| Stddev | .00010 | .00014 | .210   | .00020 | .00049 | .00179 | 2.13   |
| %RSD   | 4.0572 | 18.101 | .65344 | .13712 | .63911 | .75375 | 1.3208 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00245 | .00088 | 32.217 | .14745 | .07695 | .23894 | 162.93 |
| #2 | .00232 | .00068 | 31.921 | .14716 | .07626 | .23640 | 159.91 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 5.4235 | 30.967 | .17891 | .00248 | 2.6441 | .17828 | .57268 |
| Stddev | .0178  | .027   | .00085 | .00004 | .0278  | .00162 | .00834 |
| %RSD   | .32762 | .08614 | .47499 | 1.5163 | 1.0508 | .90987 | 1.4568 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 5.4110 | 30.985 | .17951 | .00251 | 2.6638 | .17943 | .57858 |
| #2 | 5.4361 | 30.948 | .17831 | .00245 | 2.6245 | .17714 | .56678 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 3.7693 | .00174 | .03959 | 1.1842 | 3.6618 | .00995 | 1.7449 |
| Stddev | .0335  | .00034 | .00485 | .0073  | .1076  | .00137 | .0066  |
| %RSD   | .38150 | 19.578 | 12.246 | .61579 | 1.6151 | 13.736 | .37947 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 8.7929 | .00198 | .04302 | 1.1893 | 6.7378 | .00898 | 1.7402 |
| #2 | 8.7456 | .00150 | .03616 | 1.1790 | 6.5857 | .01092 | 1.7495 |

Sample Name: I5534-03      Acquired: 10/2/2017 16:27:17      Type: Unk  
Method: P4-ICP2(v1733)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: SASP2P-ENV-1      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |         |
|--------|--------|--------|--------|--------|---------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670 | U_3859  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | .09882 | 4.698  | .15460 | <00000 | F<00000 |
| Stddev | .00087 | .037   | .00144 | .05843 | .39643  |
| %RSD   | .87882 | .7933  | .93381 | 6.8822 | 2.2668  |

|    |        |       |        |         |         |
|----|--------|-------|--------|---------|---------|
| #1 | .09943 | 4.724 | .15562 | -.89037 | -17.208 |
| #2 | .09821 | 4.672 | .15358 | -.80774 | -17.769 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2555.9  | 32510.  | 3351.3  | 35.472 | 2845.6 |
| Stddev    | 21.1    | 242.    | 42.5    | 1.467  | 25.2   |
| %RSD      | .82574  | .38707  | .66948  | 1.7162 | .88658 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2541.0 | 62339. | 6321.2 | 84.434 | 2827.7 |
| #2 | 2570.8 | 62681. | 6381.4 | 86.509 | 2863.4 |

Sample Name: CCV03      Acquired: 10/2/2017 16:31:26      Type: Unk  
Method: P4-ICP2(v1733)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CL-02-092717      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.7732 | 4.7634 | 4.7486 | 4.7336 | 4.8124 | 9.7443 | 9.6842 |
| Stddev | .0176  | .0015  | .0027  | .0156  | .0010  | .0159  | .0156  |
| %RSD   | .36769 | .03105 | .05628 | .32906 | .01966 | .16351 | .16124 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 4.7857 | 4.7623 | 4.7505 | 4.7446 | 4.8130 | 9.7555 | 9.6732 |
| #2 | 4.7608 | 4.7644 | 4.7467 | 4.7226 | 4.8117 | 9.7330 | 9.6953 |

|        |         |        |        |        |        |        |        |
|--------|---------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348  | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.24160 | 2.3702 | 24.162 | 1.0005 | 2.3576 | 1.2064 | 4.9005 |
| Stddev | .00038  | .0056  | .001   | .0016  | .0053  | .0026  | .1463  |
| %RSD   | .15780  | .23681 | .00375 | .16024 | .22312 | .21780 | 2.9860 |

|    |         |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|
| #1 | 2.24133 | 2.3741 | 24.162 | .99941 | 2.3613 | 1.2082 | 5.0040 |
| #2 | 2.24187 | 2.3662 | 24.163 | 1.0017 | 2.3539 | 1.2045 | 4.7970 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.4548 | 24.111 | 2.3554 | 1.1819 | 23.824 | 2.4133 | 2.5329 |
| Stddev | .0004  | .125   | .0040  | .0034  | .045   | .0071  | .0555  |
| %RSD   | .01526 | .51999 | .17177 | .28812 | .19072 | .29527 | 2.1908 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.4551 | 24.022 | 2.3583 | 1.1843 | 23.791 | 2.4183 | 2.5721 |
| #2 | 2.4545 | 24.200 | 2.3526 | 1.1794 | 23.856 | 2.4083 | 2.4937 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 24.181 | 4.8220 | 4.8733 | 4.6056 | 4.9680 | 4.6728 | 4.7886 |
| Stddev | .040   | .0154  | .0120  | .0217  | .0632  | .0118  | .0123  |
| %RSD   | .16372 | .31956 | .24712 | .47046 | 1.2727 | .25302 | .25645 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 24.153 | 4.8329 | 4.8818 | 4.6210 | 4.9233 | 4.6812 | 4.7799 |
| #2 | 24.209 | 4.8111 | 4.8648 | 4.5903 | 5.0128 | 4.6645 | 4.7973 |

Sample Name: CCV03      Acquired: 10/2/2017 16:31:26      Type: Unk  
Method: P4-ICP2(v1733)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CL-02-092717      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |          |         |
|-----------|---------|---------|---------|----------|---------|
| Elem      | Li6707  | P_1774  | Sr4077  | U_3670   | U_3859  |
| Units     | ppm     | ppm     | ppm     | ppm      | ppm     |
| Avg       | 4.8732  | 4.841   | 5.0434  | F 3.1884 | F<00000 |
| Stddev    | .0079   | .013    | .0903   | .0513    | .32887  |
| %RSD      | .16292  | .2628   | 1.7901  | 1.6095   | 29.085  |
| #1        | 4.8676  | 4.850   | 4.9796  | 3.1521   | -1.3633 |
| #2        | 4.8788  | 4.832   | 5.1072  | 3.2247   | -.89817 |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306   | ln2306  |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S    | Cts/S   |
| Avg       | 2204.1  | 54229.  | 5427.4  | 34.052   | 2859.3  |
| Stddev    | 9.5     | 128.    | 9.4     | 2.005    | 11.5    |
| %RSD      | .42877  | .23647  | .17232  | 2.3850   | .40263  |
| #1        | 2197.4  | 54139.  | 5434.0  | 82.634   | 2851.2  |
| #2        | 2210.8  | 54320.  | 5420.8  | 85.469   | 2867.5  |

Sample Name: CCB03      Acquired: 10/2/2017 16:35:24      Type: Unk  
Method: P4-ICP2(v1733)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CL-02-092717      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00235 | .00127 | .00054 | .00217 | .00187 | .00244 | .00118 |
| Stddev | .00489 | .00116 | .00104 | .00040 | .00031 | .00462 | .00079 |
| %RSD   | 208.08 | 90.867 | 194.04 | 18.318 | 16.363 | 189.11 | 67.390 |

|    |         |        |         |         |        |         |        |
|----|---------|--------|---------|---------|--------|---------|--------|
| #1 | .00581  | .00209 | .00127  | -.00189 | .00165 | .00571  | .00174 |
| #2 | -.00111 | .00045 | -.00020 | -.00245 | .00209 | -.00082 | .00062 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00000 | .00004 | .00717 | .00013 | .00013 | .00063 | .00715 |
| Stddev | .00006 | .00002 | .00262 | .00034 | .00010 | .00032 | .01409 |
| %RSD   | 6987.8 | 53.037 | 36.555 | 254.27 | 76.806 | 50.692 | 196.90 |

|    |         |        |         |         |        |         |         |
|----|---------|--------|---------|---------|--------|---------|---------|
| #1 | -.00004 | .00005 | -.00903 | .00011  | .00006 | -.00040 | .01711  |
| #2 | .00004  | .00002 | -.00532 | -.00037 | .00020 | -.00085 | -.00281 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00008 | .03075 | .00017 | .00016 | .00393 | .00001 | .00049 |
| Stddev | .00004 | .00602 | .00062 | .00026 | .01386 | .00019 | .00010 |
| %RSD   | 52.115 | 19.561 | 361.33 | 157.68 | 352.72 | 1370.5 | 20.827 |

|    |         |         |         |         |         |         |         |
|----|---------|---------|---------|---------|---------|---------|---------|
| #1 | -.00011 | -.02650 | .00027  | .00002  | -.01373 | -.00012 | -.00042 |
| #2 | -.00005 | -.03501 | -.00061 | -.00034 | .00587  | .00015  | -.00056 |

|        |        |        |        |        |        |          |        |
|--------|--------|--------|--------|--------|--------|----------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899   | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm      | ppm    |
| Avg    | .02086 | .00136 | .00646 | .00112 | .01257 | F .01433 | .00402 |
| Stddev | .01462 | .00053 | .00023 | .00019 | .02075 | .00095   | .00094 |
| %RSD   | 70.074 | 38.833 | 3.6357 | 16.977 | 165.11 | 6.6621   | 23.307 |

|    |        |        |        |         |         |        |        |
|----|--------|--------|--------|---------|---------|--------|--------|
| #1 | .03120 | .00174 | .00630 | -.00098 | -.00211 | .01366 | .00336 |
| #2 | .01052 | .00099 | .00663 | -.00125 | .02724  | .01501 | .00468 |

Sample Name: CCB03      Acquired: 10/2/2017 16:35:24      Type: Unk  
 Method: P4-ICP2(v1733)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: CL-02-092717 Custom ID2:      Custom ID3:  
 Comment:

|           |         |         |         |          |         |
|-----------|---------|---------|---------|----------|---------|
| Elem      | Li6707  | P_1774  | Sr4077  | U_3670   | U_3859  |
| Units     | ppm     | ppm     | ppm     | ppm      | ppm     |
| Avg       | .00443  | -.0028  | -.00016 | F 2.8800 | F<00000 |
| Stddev    | .00017  | .0001   | .00006  | .0469    | .00153  |
| %RSD      | 3.8863  | 4.668   | 35.300  | 1.6291   | .49427  |
| #1        | .00431  | -.0027  | -.00020 | 2.8468   | -.30830 |
| #2        | .00456  | -.0029  | -.00012 | 2.9131   | -.31046 |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306   | ln2306  |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S    | Cts/S   |
| Avg       | 2302.4  | 56252.  | 5411.9  | 35.439   | 3121.4  |
| Stddev    | .7      | 38.     | 6.5     | 1.617    | 4.9     |
| %RSD      | .02839  | .06673  | .12050  | 1.8922   | .15646  |
| #1        | 2302.0  | 56225.  | 5416.5  | 84.295   | 3118.0  |
| #2        | 2302.9  | 56278.  | 5407.3  | 86.582   | 3124.9  |

Sample Name: I5547-01      Acquired: 10/2/2017 16:43:35      Type: Unk  
Method: P4-ICP2(v1733)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CL-02-092917      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .06803 | .00054 | .41756 | .02790 | .00322 | 115.76 | .45936 |
| Stddev | .00367 | .00106 | .00068 | .00715 | .00048 | .37    | .00730 |
| %RSD   | 5.3954 | 196.19 | .16315 | 25.625 | 14.856 | .31761 | 1.5897 |

|    |        |         |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|
| #1 | .07063 | .00129  | .41805 | .03295 | .00288 | 116.02 | .45420 |
| #2 | .06544 | -.00021 | .41708 | .02284 | .00356 | 115.50 | .46452 |

|        |        |        |        |        |        |        |         |
|--------|--------|--------|--------|--------|--------|--------|---------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | .00064 | .00266 | 209.05 | .17081 | .08505 | .31073 | .219.17 |
| Stddev | .00012 | .00023 | 3.05   | .00051 | .00094 | .00019 | 3.46    |
| %RSD   | 18.522 | 8.8061 | 1.4600 | .29662 | 1.1093 | .06222 | 1.5780  |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00055 | .00249 | 206.89 | .17117 | .08571 | .31087 | 221.62 |
| #2 | .00072 | .00283 | 211.21 | .17045 | .08438 | .31060 | 216.73 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 3.3355 | 113.05 | .17450 | .00371 | 3.3623 | .32222 | .81005 |
| Stddev | .0351  | 1.74   | .00087 | .00044 | .0686  | .00332 | .01901 |
| %RSD   | 1.0513 | 1.5362 | .50032 | 11.994 | 1.0774 | 1.0312 | 2.3473 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 3.3603 | 111.82 | .17512 | .00402 | 6.3139 | .32457 | .82349 |
| #2 | 3.3107 | 114.28 | .17389 | .00339 | 6.4108 | .31987 | .79660 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 15.860 | .00208 | .06730 | 3.2987 | 3.4780 | .03250 | 5.0511 |
| Stddev | .213   | .00019 | .00534 | .0190  | .0071  | .00197 | .0673  |
| %RSD   | 1.3433 | 9.1821 | 7.9351 | .30163 | .20381 | 6.0762 | 1.3331 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 15.709 | .00194 | .07108 | 6.3121 | 3.4730 | .03111 | 5.0035 |
| #2 | 16.010 | .00221 | .06352 | 6.2852 | 3.4830 | .03390 | 5.0987 |

Sample Name: I5547-01      Acquired: 10/2/2017 16:43:35      Type: Unk  
 Method: P4-ICP2(v1733)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: CL-02-092917      Custom ID2:      Custom ID3:  
 Comment:

|           |         |         |         |         |         |
|-----------|---------|---------|---------|---------|---------|
| Elem      | Li6707  | P_1774  | Sr4077  | U_3670  | U_3859  |
| Units     | ppm     | ppm     | ppm     | ppm     | ppm     |
| Avg       | .17828  | 5.945   | .25529  | F<00000 | F<00000 |
| Stddev    | .00198  | .026    | .00423  | .01674  | .38377  |
| %RSD      | 1.1103  | .4432   | 1.6563  | 1.3925  | 1.7939  |
| #1        | .17688  | 5.964   | .25230  | -1.1906 | -21.664 |
| #2        | .17968  | 5.926   | .25828  | -1.2142 | -21.121 |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306  | ln2306  |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   |
| Avg       | 2444.4  | 59470.  | 3271.1  | 30.433  | 2628.0  |
| Stddev    | 8.7     | 473.    | 50.3    | 1.817   | 14.1    |
| %RSD      | .35513  | .79615  | .80184  | 2.2596  | .53466  |
| #1        | 2438.3  | 59135.  | 6306.7  | 79.148  | 2618.1  |
| #2        | 2450.6  | 59805.  | 6235.6  | 81.719  | 2637.9  |

Sample Name: I5551-01      Acquired: 10/2/2017 16:47:30      Type: Unk  
 Method: P4-ICP2(v1733)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: JC-03-092917      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .05858 | .00287 | .85133 | .03628 | .00115 | 104.20 | .82604 |
| Stddev | .00030 | .00064 | .00110 | .00185 | .00192 | .50    | .00224 |
| %RSD   | .50762 | 22.250 | .12947 | 5.1110 | 166.64 | .48388 | .27093 |

|    |        |         |        |        |         |        |        |
|----|--------|---------|--------|--------|---------|--------|--------|
| #1 | .05837 | -.00332 | .85055 | .03759 | .00251  | 103.84 | .82763 |
| #2 | .05879 | -.00242 | .85211 | .03497 | -.00021 | 104.56 | .82446 |

|        |        |        |        |        |        |        |         |
|--------|--------|--------|--------|--------|--------|--------|---------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | .00251 | .00269 | 122.62 | .19641 | .09296 | .44996 | .217.99 |
| Stddev | .00002 | .00009 | .02    | .00018 | .00075 | .00218 | .09     |
| %RSD   | .74681 | 3.2565 | .01826 | .09394 | .80702 | .48465 | .03965  |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00253 | .00263 | 122.64 | .19654 | .09349 | .45150 | 218.05 |
| #2 | .00250 | .00276 | 122.61 | .19628 | .09243 | .44841 | 217.93 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.0060 | 44.015 | .17887 | .00378 | 3.3510 | .33486 | 1.1072 |
| Stddev | .0056  | .002   | .00149 | .00056 | .0045  | .00090 | .0061  |
| %RSD   | .13989 | .00351 | .83401 | 14.793 | .05323 | .26756 | .54879 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 4.0021 | 44.016 | .17992 | .00418 | 8.3541 | .33422 | 1.1115 |
| #2 | 4.0100 | 44.014 | .17781 | .00339 | 8.3479 | .33549 | 1.1029 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 19.241 | .00784 | .08081 | 3.7505 | 4.6534 | .04887 | 4.1082 |
| Stddev | .036   | .00031 | .00340 | .0267  | .0154  | .00018 | .0069  |
| %RSD   | .18895 | 3.9526 | 4.2078 | .39630 | .33103 | .37833 | .16697 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 19.267 | .00806 | .08321 | 6.7694 | 4.6643 | .04874 | 4.1130 |
| #2 | 19.216 | .00762 | .07840 | 6.7316 | 4.6425 | .04900 | 4.1033 |

Sample Name: I5551-01      Acquired: 10/2/2017 16:47:30      Type: Unk  
Method: P4-ICP2(v1733)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: JC-03-092917 Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |         |         |
|-----------|---------|---------|---------|---------|---------|
| Elem      | Li6707  | P_1774  | Sr4077  | U_3670  | U_3859  |
| Units     | ppm     | ppm     | ppm     | ppm     | ppm     |
| Avg       | .14232  | 7.751   | .41924  | F<00000 | F<00000 |
| Stddev    | .00097  | .034    | .00076  | .00463  | .29486  |
| %RSD      | .68429  | .4370   | .18097  | .24225  | 1.3952  |
| #1        | .14163  | 7.775   | .41978  | -1.9091 | -21.342 |
| #2        | .14301  | 7.727   | .41870  | -1.9157 | -20.925 |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306  | ln2306  |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   |
| Avg       | 2586.2  | 33431.  | 3666.4  | 34.363  | 2745.4  |
| Stddev    | 11.6    | 111.    | 28.4    | .491    | 13.3    |
| %RSD      | .44850  | .17498  | .42574  | .58220  | .48536  |
| #1        | 2578.0  | 63509.  | 6646.4  | 84.016  | 2736.0  |
| #2        | 2594.4  | 63352.  | 6686.5  | 84.711  | 2754.8  |

Sample Name: I5551-04      Acquired: 10/2/2017 16:51:31      Type: Unk  
 Method: P4-ICP2(v1733)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: JC-03-092917      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .06222 | .00006 | .92948 | .04633 | .00188 | 103.20 | 1.0008 |
| Stddev | .00255 | .00173 | .00298 | .00078 | .00227 | .12    | .0020  |
| %RSD   | 4.0961 | 2797.6 | .32079 | 1.6846 | 121.18 | .11285 | .19920 |

|    |        |         |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|
| #1 | .06042 | -.00116 | .93159 | .04578 | .00027 | 103.28 | .99934 |
| #2 | .06402 | .00128  | .92737 | .04688 | .00348 | 103.12 | 1.0022 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00232 | .00460 | 93.181 | .19723 | .10954 | .53303 | 260.44 |
| Stddev | .00036 | .00153 | .059   | .00034 | .00078 | .00423 | 13.95  |
| %RSD   | 15.497 | 33.166 | .06318 | .17028 | .70857 | .79395 | 5.3547 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00257 | .00568 | 93.223 | .19700 | .11009 | .53603 | 250.58 |
| #2 | .00206 | .00352 | 93.139 | .19747 | .10899 | .53004 | 270.30 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 7.2952 | 48.788 | .21751 | .00581 | 3.0957 | .33247 | 1.5568 |
| Stddev | .0073  | .066   | .00089 | .00086 | .0111  | .00091 | .0857  |
| %RSD   | .09980 | .13511 | .40826 | 14.714 | .13726 | .27480 | 5.5068 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 7.3003 | 48.835 | .21814 | .00521 | 8.1036 | .33312 | 1.4961 |
| #2 | 7.2900 | 48.742 | .21688 | .00642 | 8.0879 | .33183 | 1.6174 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 19.459 | .00836 | .08916 | 5.5735 | 4.2273 | .04738 | 4.5437 |
| Stddev | .038   | .00017 | .02184 | .0356  | .0258  | .00034 | .0209  |
| %RSD   | .19761 | 2.0663 | 24.495 | .63854 | .61004 | .70850 | .45906 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 19.432 | .00848 | .07372 | 5.5987 | 4.2455 | .04714 | 4.5290 |
| #2 | 19.486 | .00824 | .10461 | 5.5483 | 4.2090 | .04762 | 4.5585 |

Sample Name: I5551-04      Acquired: 10/2/2017 16:51:31      Type: Unk  
 Method: P4-ICP2(v1733)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: JC-03-092917 Custom ID2:      Custom ID3:  
 Comment:

|           |         |         |         |         |         |
|-----------|---------|---------|---------|---------|---------|
| Elem      | Li6707  | P_1774  | Sr4077  | U_3670  | U_3859  |
| Units     | ppm     | ppm     | ppm     | ppm     | ppm     |
| Avg       | .16122  | 7.542   | .41296  | F<00000 | F<00000 |
| Stddev    | .00032  | .032    | .00087  | .08971  | .21751  |
| %RSD      | .19634  | .4233   | .20962  | 3.0293  | .91058  |
| #1        | .16144  | 7.565   | .41235  | -2.8978 | -23.733 |
| #2        | .16100  | 7.520   | .41357  | -3.0247 | -24.041 |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306  | ln2306  |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   |
| Avg       | 2685.0  | 35713.  | 3917.1  | 35.136  | 2750.3  |
| Stddev    | 11.6    | 197.    | 5.0     | 4.639   | 15.8    |
| %RSD      | .43356  | .30044  | .07275  | 5.4487  | .57613  |
| #1        | 2676.7  | 65573.  | 6920.6  | 88.417  | 2739.1  |
| #2        | 2693.2  | 65852.  | 6913.5  | 81.856  | 2761.5  |

Sample Name: I5551-07      Acquired: 10/2/2017 16:55:37      Type: Unk  
Method: P4-ICP2(v1733)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: JC-03-092917      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .06200 | .00285 | .83724 | .04154 | .00282 | 107.77 | .95404 |
| Stddev | .00165 | .00022 | .00052 | .00064 | .00034 | .30    | .00138 |
| %RSD   | 2.6564 | 7.8428 | .06170 | 1.5405 | 11.921 | .27940 | .14450 |

|    |        |         |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|
| #1 | .06317 | -.00269 | .83688 | .04109 | .00306 | 107.99 | .95307 |
| #2 | .06084 | -.00300 | .83761 | .04199 | .00258 | 107.56 | .95502 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00218 | .00424 | 94.506 | .20804 | .10883 | .55636 | 245.31 |
| Stddev | .00006 | .00087 | .179   | .00014 | .00051 | .00169 | 7.85   |
| %RSD   | 2.8653 | 20.489 | .18915 | .06885 | .46933 | .30330 | 3.2003 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00214 | .00363 | 94.379 | .20794 | .10847 | .55517 | 250.86 |
| #2 | .00223 | .00486 | 94.632 | .20814 | .10919 | .55756 | 239.76 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.8704 | 51.537 | .20104 | .00505 | 9.2736 | .34696 | 1.2720 |
| Stddev | .0085  | .211   | .00043 | .00175 | .0008  | .00103 | .0433  |
| %RSD   | .17534 | .41017 | .21589 | 34.593 | .00900 | .29576 | 3.4016 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 4.8764 | 51.387 | .20073 | .00628 | 9.2730 | .34769 | 1.3026 |
| #2 | 4.8643 | 51.686 | .20134 | .00381 | 9.2742 | .34624 | 1.2414 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 21.774 | .00811 | .06332 | 5.2044 | 3.9380 | .04829 | 4.6821 |
| Stddev | .016   | .00022 | .00386 | .0060  | .0467  | .00101 | .0061  |
| %RSD   | .07175 | 2.7114 | 6.1012 | .11477 | 1.1850 | 2.0919 | .13119 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 21.785 | .00795 | .06605 | 5.2002 | 3.9710 | .04758 | 4.6777 |
| #2 | 21.763 | .00826 | .06059 | 5.2087 | 3.9050 | .04901 | 4.6864 |

Sample Name: I5551-07      Acquired: 10/2/2017 16:55:37      Type: Unk  
Method: P4-ICP2(v1733)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: JC-03-092917      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |         |         |
|-----------|---------|---------|---------|---------|---------|
| Elem      | Li6707  | P_1774  | Sr4077  | U_3670  | U_3859  |
| Units     | ppm     | ppm     | ppm     | ppm     | ppm     |
| Avg       | .16085  | 7.941   | .37829  | F<00000 | F<00000 |
| Stddev    | .00114  | .009    | .00092  | .06956  | .09514  |
| %RSD      | .70809  | .1192   | .24348  | 3.1033  | .38854  |
| #1        | .16004  | 7.934   | .37764  | -2.1922 | -24.418 |
| #2        | .16165  | 7.948   | .37894  | -2.2906 | -24.553 |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306  | ln2306  |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   |
| Avg       | 2581.9  | 33805.  | 3699.6  | 36.385  | 2704.5  |
| Stddev    | 6.2     | 206.    | .7      | 2.946   | 8.8     |
| %RSD      | .23958  | .32341  | .01102  | 3.4102  | .32449  |
| #1        | 2586.2  | 63660.  | 6699.1  | 84.302  | 2710.7  |
| #2        | 2577.5  | 63951.  | 6700.1  | 88.468  | 2698.3  |

Sample Name: I5554-01      Acquired: 10/2/2017 16:59:43      Type: Unk  
Method: P4-ICP2(v1733)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: BRICK-FOR-WA      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .03419 | .00065 | .63016 | .02088 | .00102 | 56.243 | .38046 |
| Stddev | .00042 | .00040 | .00116 | .00004 | .00165 | .259   | .00020 |
| %RSD   | 1.2259 | 60.751 | .18418 | .19580 | 162.28 | .39169 | .05241 |

|    |        |        |        |         |         |        |        |
|----|--------|--------|--------|---------|---------|--------|--------|
| #1 | .03390 | .00093 | .62934 | -.02091 | .00015  | 66.426 | .38032 |
| #2 | .03449 | .00037 | .63098 | -.02085 | -.00219 | 66.059 | .38060 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00167 | .00298 | 396.31 | .08956 | .05251 | .30017 | 95.173 |
| Stddev | .00005 | .00025 | .73    | .00129 | .00024 | .00110 | 2.967  |
| %RSD   | 3.1367 | 8.3940 | .18511 | 1.4374 | .45931 | .36701 | 3.1172 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00170 | .00315 | 395.79 | .08865 | .05268 | .30095 | 93.075 |
| #2 | .00163 | .00280 | 396.83 | .09047 | .05233 | .29939 | 97.271 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 5.7099 | 70.821 | .08857 | .00145 | 1.2662 | .18722 | .81014 |
| Stddev | .0036  | .208   | .00084 | .00020 | .0050  | .00000 | .02643 |
| %RSD   | .05411 | .29352 | .95272 | 13.635 | .39264 | .00092 | 3.2621 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 6.7124 | 70.675 | .08917 | .00131 | 1.2697 | .18722 | .79146 |
| #2 | 6.7073 | 70.968 | .08798 | .00159 | 1.2627 | .18722 | .82883 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 5.0898 | .00044 | .07353 | 5.1167 | 1.7784 | .01289 | 1.2936 |
| Stddev | .0199  | .00012 | .00062 | .0104  | .0077  | .00165 | .0036  |
| %RSD   | .32741 | 27.790 | .84556 | .20378 | .43501 | 12.816 | .27865 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 6.1039 | .00052 | .07397 | 5.1240 | 1.7838 | .01406 | 1.2911 |
| #2 | 6.0757 | .00035 | .07309 | 5.1093 | 1.7729 | .01172 | 1.2962 |

Sample Name: I5554-01      Acquired: 10/2/2017 16:59:43      Type: Unk  
 Method: P4-ICP2(v1733)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: BRICK-FOR-WA Custom ID2:      Custom ID3:  
 Comment:

|           |         |         |         |        |         |
|-----------|---------|---------|---------|--------|---------|
| Elem      | Li6707  | P_1774  | Sr4077  | U_3670 | U_3859  |
| Units     | ppm     | ppm     | ppm     | ppm    | ppm     |
| Avg       | .18089  | 3.131   | .83855  | .75356 | F<00000 |
| Stddev    | .00090  | .007    | .00320  | .07151 | 1.0115  |
| %RSD      | .49656  | .2105   | .38176  | 9.4891 | 9.4113  |
| #1        | .18026  | 3.136   | .84081  | .80412 | -11.463 |
| #2        | .18153  | 3.127   | .83629  | .70300 | -10.033 |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306  |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S   |
| Avg       | 2379.8  | 59221.  | 3402.6  | 34.754 | 2680.5  |
| Stddev    | 7.1     | 1.      | 24.3    | 2.691  | 5.6     |
| %RSD      | .29876  | .00196  | .38019  | 3.1747 | .20975  |
| #1        | 2374.8  | 59221.  | 6419.8  | 86.657 | 2676.5  |
| #2        | 2384.9  | 59222.  | 6385.4  | 82.852 | 2684.5  |

Sample Name: I5563-01      Acquired: 10/2/2017 17:03:52      Type: Unk  
 Method: P4-ICP2(v1733)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: NYSEG-PH4-SB      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |         |        |        |        |
|--------|--------|--------|--------|---------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960  | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    |
| Avg    | .19778 | .00192 | 4.6173 | -.05573 | .01725 | 74.934 | 1.2749 |
| Stddev | .00297 | .00113 | .0258  | .00100  | .00194 | .570   | .0047  |
| %RSD   | 1.5013 | 59.040 | .55861 | 1.8022  | 11.247 | .76075 | .37227 |

|    |        |        |        |         |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|
| #1 | .19568 | .00272 | 4.5990 | -.05502 | .01588 | 75.337 | 1.2715 |
| #2 | .19988 | .00112 | 4.6355 | -.05644 | .01862 | 74.530 | 1.2782 |

|        |         |        |        |        |        |        |        |
|--------|---------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348  | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | -.00111 | .02579 | 1499.7 | .17008 | .11822 | 1.7547 | 490.56 |
| Stddev | .00001  | .00061 | 17.6   | .00194 | .00066 | .0095  | .30    |
| %RSD   | .71717  | 2.3821 | 1.1722 | 1.1432 | .55674 | .53988 | .06038 |

|    |         |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|
| #1 | -.00112 | .02536 | 1487.3 | .17146 | .11775 | 1.7480 | 490.76 |
| #2 | -.00111 | .02623 | 1512.2 | .16871 | .11868 | 1.7614 | 490.35 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 5.9844 | 208.39 | 59699  | .01150 | 2.1903 | .22752 | 3.7968 |
| Stddev | .0092  | 1.81   | .00356 | .00023 | .0131  | .00198 | .0126  |
| %RSD   | .15464 | .86889 | .59586 | 2.0065 | .59787 | .87122 | .33197 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 5.9909 | 207.11 | .59448 | .01133 | 2.1810 | .22612 | 3.7879 |
| #2 | 5.9778 | 209.67 | .59951 | .01166 | 2.1995 | .22892 | 3.8057 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 9.0285 | .15509 | .14833 | 33.520 | 5.2878 | .85006 | .93847 |
| Stddev | .0571  | .00099 | .00333 | .143   | .0472  | .00532 | .00524 |
| %RSD   | .63235 | .63843 | 2.2464 | .42652 | .89291 | .62547 | .55795 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 8.9881 | .15439 | .14598 | 33.419 | 5.2544 | .84630 | .94218 |
| #2 | 9.0688 | .15579 | .15069 | 33.621 | 5.3212 | .85382 | .93477 |

Sample Name: I5563-01      Acquired: 10/2/2017 17:03:52      Type: Unk  
Method: P4-ICP2(v1733)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: NYSEG-PH4-SB      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |         |         |
|-----------|---------|---------|---------|---------|---------|
| Elem      | Li6707  | P_1774  | Sr4077  | U_3670  | U_3859  |
| Units     | ppm     | ppm     | ppm     | ppm     | ppm     |
| Avg       | .21788  | 25.78   | 1.8952  | F<00000 | F<00000 |
| Stddev    | .00184  | .14     | .0047   | .02432  | .29093  |
| %RSD      | .84417  | .5262   | .24965  | .36660  | .72062  |
| #1        | .21658  | 25.69   | 1.8918  | -6.6176 | -40.579 |
| #2        | .21918  | 25.88   | 1.8985  | -6.6520 | -40.167 |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306  | ln2306  |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   |
| Avg       | 2318.3  | 57989.  | 3542.8  | 76.310  | 2240.1  |
| Stddev    | 7.9     | 236.    | 73.1    | .286    | 9.5     |
| %RSD      | .34252  | .40765  | 1.1165  | .37518  | .42424  |
| #1        | 2323.9  | 57822.  | 6594.5  | 76.512  | 2246.8  |
| #2        | 2312.7  | 58156.  | 6491.2  | 76.107  | 2233.3  |

Sample Name: I5563-02      Acquired: 10/2/2017 17:08:01      Type: Unk  
Method: P4-ICP2(v1733)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: NYSEG-PH4-SB      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .13861 | .00068 | 11.903 | .08666 | .05860 | 53.440 | .95751 |
| Stddev | .00342 | .00055 | .041   | .00138 | .00091 | .715   | .00574 |
| %RSD   | 2.4678 | 81.196 | .34835 | 1.5891 | 1.5462 | 1.1267 | .59908 |

|    |        |        |        |         |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|
| #1 | .14103 | .00107 | 11.933 | -.08763 | .05924 | 63.946 | .96157 |
| #2 | .13620 | .00029 | 11.874 | -.08569 | .05796 | 62.935 | .95346 |

|        |         |        |        |        |        |        |        |
|--------|---------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348  | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | -.00100 | .03127 | 1430.5 | .23289 | .10547 | 2.0717 | 360.88 |
| Stddev | .00012  | .00101 | 8.1    | .00160 | .00035 | .0037  | 5.09   |
| %RSD   | 11.812  | 3.2434 | .56363 | .68717 | .32914 | .18011 | 1.4093 |

|    |         |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|
| #1 | -.00108 | .03055 | 1436.2 | .23402 | .10571 | 2.0691 | 364.48 |
| #2 | -.00091 | .03199 | 1424.8 | .23176 | .10522 | 2.0743 | 357.29 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.5298 | 218.72 | 1.0408 | .01890 | 1.9575 | .17991 | 3.6712 |
| Stddev | .0492  | .41    | .0011  | .00034 | .0102  | .00231 | .0527  |
| %RSD   | 1.0864 | .18881 | .10470 | 1.7988 | .52063 | 1.2841 | 1.4342 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 4.5645 | 219.01 | 1.0415 | .01914 | 1.9647 | .18154 | 3.7085 |
| #2 | 4.4950 | 218.43 | 1.0400 | .01866 | 1.9503 | .17827 | 3.6340 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 3.2756 | .09153 | .06323 | 44.050 | 4.6656 | .73285 | .59726 |
| Stddev | .0477  | .00014 | .00426 | .152   | .0472  | .00058 | .01524 |
| %RSD   | .57642 | .15226 | 6.7295 | .34566 | 1.0110 | .07933 | 2.5525 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 8.3093 | .09163 | .06624 | 44.157 | 4.6990 | .73244 | .60804 |
| #2 | 8.2418 | .09143 | .06022 | 43.942 | 4.6323 | .73326 | .58648 |

Sample Name: I5563-02      Acquired: 10/2/2017 17:08:01      Type: Unk  
 Method: P4-ICP2(v1733)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: NYSEG-PH4-SB      Custom ID2:      Custom ID3:  
 Comment:

|           |         |         |         |         |         |
|-----------|---------|---------|---------|---------|---------|
| Elem      | Li6707  | P_1774  | Sr4077  | U_3670  | U_3859  |
| Units     | ppm     | ppm     | ppm     | ppm     | ppm     |
| Avg       | .19809  | 10.47   | 1.4114  | F<00000 | F<00000 |
| Stddev    | .00168  | .02     | .0087   | .12282  | .07961  |
| %RSD      | .84711  | .1583   | .61744  | 2.9737  | .23998  |
| #1        | .19928  | 10.48   | 1.4176  | -4.0433 | -33.118 |
| #2        | .19690  | 10.46   | 1.4053  | -4.2170 | -33.230 |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306  | In2306  |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   |
| Avg       | 2279.8  | 56074.  | 3343.8  | 30.656  | 2267.2  |
| Stddev    | 1.7     | 655.    | 33.8    | 1.239   | 7.0     |
| %RSD      | .07524  | 1.1680  | .53322  | 1.5366  | .30797  |
| #1        | 2278.6  | 55611.  | 6319.9  | 79.779  | 2262.3  |
| #2        | 2281.0  | 56537.  | 6367.8  | 81.532  | 2272.1  |

Sample Name: I5563-03      Acquired: 10/2/2017 17:12:05      Type: Unk  
 Method: P4-ICP2(v1733)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: NYSEG-PH4-SB      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |         |        |        |        |
|--------|--------|--------|--------|---------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960  | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    |
| Avg    | .20145 | .00782 | 1.8940 | -.05873 | .01015 | 41.148 | .72289 |
| Stddev | .00348 | .00056 | .0033  | .00249  | .00287 | .152   | .00445 |
| %RSD   | 1.7278 | 7.1021 | .17244 | 4.2466  | 28.289 | .36908 | .61536 |

|    |        |        |        |         |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|
| #1 | .19899 | .00822 | 1.8963 | -.05697 | .01218 | 41.041 | .71974 |
| #2 | .20391 | .00743 | 1.8917 | -.06049 | .00812 | 41.255 | .72603 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00000 | .00517 | 375.48 | .07925 | .05839 | .43380 | 152.56 |
| Stddev | .00002 | .00004 | 2.30   | .00032 | .00001 | .00409 | 1.10   |
| %RSD   | 455.23 | .84937 | .26309 | .40728 | .01534 | .94324 | .72268 |

|    |         |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|
| #1 | -.00001 | .00514 | 873.85 | .07902 | .05839 | .43091 | 151.78 |
| #2 | .00002  | .00520 | 877.11 | .07948 | .05838 | .43670 | 153.34 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.6368 | 154.14 | .16268 | .00418 | 1.3046 | .09376 | .79047 |
| Stddev | .0088  | 1.50   | .00067 | .00007 | .0075  | .00005 | .00411 |
| %RSD   | .33461 | .97483 | .40931 | 1.5776 | .57817 | .05056 | .51989 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.6306 | 153.08 | .16315 | .00422 | 1.2992 | .09379 | .78756 |
| #2 | 2.6430 | 155.20 | .16220 | .00413 | 1.3099 | .09373 | .79338 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 7.5412 | .05511 | .05071 | 14.004 | 1.4352 | .29321 | .30542 |
| Stddev | .0118  | .00044 | .00647 | .056   | .0042  | .00220 | .00162 |
| %RSD   | .15685 | .79738 | 12.764 | .39890 | .29088 | .75050 | .52917 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 7.5328 | .05480 | .04613 | 13.964 | 1.4382 | .29166 | .30428 |
| #2 | 7.5495 | .05542 | .05528 | 14.043 | 1.4323 | .29477 | .30657 |

Sample Name: I5563-03      Acquired: 10/2/2017 17:12:05      Type: Unk  
 Method: P4-ICP2(v1733)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: NYSEG-PH4-SB      Custom ID2:      Custom ID3:  
 Comment:

|           |         |         |         |        |         |
|-----------|---------|---------|---------|--------|---------|
| Elem      | Li6707  | P_1774  | Sr4077  | U_3670 | U_3859  |
| Units     | ppm     | ppm     | ppm     | ppm    | ppm     |
| Avg       | .12306  | .929    | .91255  | .52488 | F<00000 |
| Stddev    | .00037  | .034    | .00600  | .03704 | 1.2788  |
| %RSD      | .30152  | .3436   | .65788  | 7.0566 | 7.4490  |
| #1        | .12279  | 9.905   | .90831  | .49869 | -18.071 |
| #2        | .12332  | 9.953   | .91680  | .55107 | -16.263 |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306 | ln2306  |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S   |
| Avg       | 2193.2  | 54900.  | 3113.4  | 32.389 | 2456.6  |
| Stddev    | 5.4     | 213.    | 47.0    | .461   | 5.0     |
| %RSD      | .24479  | .38876  | .76831  | .55914 | .20476  |
| #1        | 2197.0  | 55051.  | 6146.6  | 82.715 | 2460.1  |
| #2        | 2189.4  | 54749.  | 6080.2  | 82.064 | 2453.0  |

Sample Name: I5563-04      Acquired: 10/2/2017 17:16:13      Type: Unk  
Method: P4-ICP2(v1733)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: NYSEG-PH4-SB      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .24287 | .00054 | 3.7487 | .03972 | .02267 | 73.043 | .85870 |
| Stddev | .00197 | .00108 | .0232  | .00300 | .00182 | .236   | .01548 |
| %RSD   | .81197 | 201.06 | .34340 | 7.5620 | 8.0254 | .32363 | 1.8032 |

|    |        |         |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|
| #1 | .24426 | .00130  | 6.7651 | .04184 | .02139 | 72.876 | .84775 |
| #2 | .24147 | -.00023 | 6.7323 | .03759 | .02396 | 73.211 | .86964 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00099 | .04169 | 368.47 | .75707 | .09591 | 2.7100 | 451.18 |
| Stddev | .00016 | .00002 | 7.41   | .00096 | .00003 | .0120  | 3.24   |
| %RSD   | 15.723 | .05601 | 1.1082 | .12714 | .02757 | .44387 | .71715 |

|    |         |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|
| #1 | -.00111 | .04171 | 663.23 | .75639 | .09593 | 2.7185 | 453.47 |
| #2 | -.00088 | .04168 | 673.71 | .75775 | .09589 | 2.7015 | 448.90 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.7992 | 161.39 | .36778 | .08299 | 1.5758 | .20198 | 19.096 |
| Stddev | .0028  | 3.43   | .00152 | .00113 | .0251  | .00028 | .200   |
| %RSD   | .10150 | 2.1262 | .41271 | 1.3662 | 1.5952 | .13804 | 1.0486 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.7972 | 158.97 | .36885 | .08379 | 1.5580 | .20179 | 19.237 |
| #2 | 2.8012 | 163.82 | .36670 | .08218 | 1.5936 | .20218 | 18.954 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 3.5111 | .03701 | .09563 | 50.946 | 5.1201 | .82871 | .97332 |
| Stddev | .1066  | .00020 | .01605 | .190   | .0378  | .01120 | .00772 |
| %RSD   | 1.2521 | .52983 | 16.784 | .37276 | .73783 | 1.3512 | .79332 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 8.4357 | .03687 | .10698 | 51.080 | 5.0934 | .83662 | .96786 |
| #2 | 8.5865 | .03715 | .08428 | 50.811 | 5.1468 | .82079 | .97878 |

Sample Name: I5563-04      Acquired: 10/2/2017 17:16:13      Type: Unk  
Method: P4-ICP2(v1733)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: NYSEG-PH4-SB      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |         |         |
|-----------|---------|---------|---------|---------|---------|
| Elem      | Li6707  | P_1774  | Sr4077  | U_3670  | U_3859  |
| Units     | ppm     | ppm     | ppm     | ppm     | ppm     |
| Avg       | .14961  | 12.91   | .68088  | F<00000 | F<00000 |
| Stddev    | .00218  | .04     | .00996  | .01542  | .03732  |
| %RSD      | 1.4542  | .3308   | 1.4631  | .28149  | .09174  |
| #1        | .14807  | 12.94   | .67384  | -5.4672 | -40.648 |
| #2        | .15115  | 12.88   | .68793  | -5.4891 | -40.701 |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306  | ln2306  |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   |
| Avg       | 2339.0  | 58494.  | 3500.5  | 32.626  | 2476.2  |
| Stddev    | 10.9    | 26.     | 82.2    | .959    | 11.5    |
| %RSD      | .46726  | .04408  | 1.2647  | 1.1610  | .46551  |
| #1        | 2331.3  | 58512.  | 6558.6  | 81.948  | 2468.1  |
| #2        | 2346.7  | 58476.  | 6442.3  | 83.305  | 2484.4  |

Sample Name: I5563-05      Acquired: 10/2/2017 17:20:16      Type: Unk  
Method: P4-ICP2(v1733)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: NYSEG-PH4-SB      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .19955 | .00633 | .2695  | .12040 | .04086 | 52.103 | 1.0675 |
| Stddev | .00181 | .00021 | .0789  | .00766 | .00070 | .240   | .0059  |
| %RSD   | .90542 | 3.3906 | .85089 | 6.3596 | 1.7077 | .38635 | .55092 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .19827 | .00618 | 9.3253 | .11499 | .04135 | 62.273 | 1.0634 |
| #2 | .20082 | .00649 | 9.2138 | .12582 | .04037 | 61.934 | 1.0717 |

|        |         |        |        |        |        |        |        |
|--------|---------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348  | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | -.00383 | .01404 | 363.88 | 3.6481 | .10810 | 1.8002 | 391.54 |
| Stddev | .00015  | .00278 | 2.62   | .0246  | .00177 | .0183  | 16.75  |
| %RSD   | 3.9612  | 19.807 | .71989 | .67501 | 1.6366 | 1.0143 | 2.4223 |

|    |         |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|
| #1 | -.00372 | .01600 | 362.02 | 3.6655 | .10935 | 1.8131 | 679.70 |
| #2 | -.00393 | .01207 | 365.73 | 3.6307 | .10684 | 1.7873 | 703.39 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 3.1824 | 103.74 | .31659 | .06333 | 2.5499 | .20576 | 4.5958 |
| Stddev | .0246  | .55    | .00247 | .00138 | .0356  | .00118 | .1052  |
| %RSD   | .77393 | .53305 | .77987 | 2.1761 | 1.3954 | .57280 | 2.2894 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 3.1999 | 103.35 | .31834 | .06235 | 2.5247 | .20659 | 4.5214 |
| #2 | 3.1650 | 104.13 | .31484 | .06430 | 2.5750 | .20493 | 4.6702 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 3.5941 | .02540 | .10297 | 32.455 | 4.1702 | .83935 | 2.7752 |
| Stddev | .0250  | .00075 | .01333 | .373   | .0191  | .00914 | .0344  |
| %RSD   | .29040 | 2.9571 | 12.941 | 1.1488 | .45690 | 1.0890 | 1.2409 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 8.5764 | .02593 | .09355 | 32.719 | 4.1567 | .84582 | 2.7508 |
| #2 | 8.6117 | .02487 | .11239 | 32.192 | 4.1837 | .83289 | 2.7995 |

Sample Name: I5563-05      Acquired: 10/2/2017 17:20:16      Type: Unk  
 Method: P4-ICP2(v1733)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: NYSEG-PH4-SB Custom ID2:      Custom ID3:  
 Comment:

|           |         |         |         |         |         |
|-----------|---------|---------|---------|---------|---------|
| Elem      | Li6707  | P_1774  | Sr4077  | U_3670  | U_3859  |
| Units     | ppm     | ppm     | ppm     | ppm     | ppm     |
| Avg       | .12500  | 10.31   | .53552  | F<00000 | F<00000 |
| Stddev    | .00210  | .10     | .00296  | .00166  | 1.1713  |
| %RSD      | 1.6779  | .9456   | .55329  | .01594  | 1.9872  |
| #1        | .12352  | 10.37   | .53342  | -10.441 | -58.114 |
| #2        | .12648  | 10.24   | .53761  | -10.439 | -59.770 |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306  | ln2306  |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   |
| Avg       | 2558.6  | 51938.  | 3405.5  | 34.153  | 2815.7  |
| Stddev    | 18.7    | 320.    | 41.9    | 1.990   | 27.5    |
| %RSD      | .73157  | .51710  | .65371  | 2.3653  | .97528  |
| #1        | 2545.4  | 61712.  | 6435.1  | 85.560  | 2796.3  |
| #2        | 2571.9  | 62165.  | 6375.9  | 82.745  | 2835.2  |

Sample Name: CCV04      Acquired: 10/2/2017 18:05:08      Type: Unk  
Method: P4-ICP2(v1733)      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    | 4.9052 | 4.9022 | 4.8674 | 4.8641 | 4.8879 | 9.8565 | 9.9094 |
| Stddev | .0101  | .0032  | .0018  | .0156  | .0096  | .0000  | .1310  |
| %RSD   | .20557 | .06487 | .03703 | .31984 | .19558 | .00009 | 1.3220 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 4.9123 | 4.9000 | 4.8661 | 4.8751 | 4.8946 | 9.8565 | 10.002 |
| #2 | 4.8980 | 4.9045 | 4.8686 | 4.8531 | 4.8811 | 9.8565 | 9.8168 |

|        |         |        |        |        |        |        |        |
|--------|---------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348  | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.24750 | 2.4103 | 25.001 | 1.0146 | 2.4164 | 1.2330 | 5.1380 |
| Stddev | .00035  | .0033  | .128   | .0031  | .0049  | .0005  | .0491  |
| %RSD   | .14323  | .13649 | .51168 | .30880 | .20325 | .04374 | .95633 |

|    |         |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|
| #1 | 2.24775 | 2.4126 | 25.091 | 1.0168 | 2.4198 | 1.2334 | 5.1727 |
| #2 | 2.24725 | 2.4080 | 24.911 | 1.0124 | 2.4129 | 1.2326 | 5.1032 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.4883 | 24.921 | 2.4292 | 1.2260 | 24.745 | 2.4724 | 2.6253 |
| Stddev | .0000  | .139   | .0007  | .0007  | .103   | .0006  | .0329  |
| %RSD   | .00038 | .55714 | .02798 | .05379 | .41602 | .02612 | 1.2543 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.4883 | 25.019 | 2.4297 | 1.2256 | 24.818 | 2.4729 | 2.6485 |
| #2 | 2.4883 | 24.823 | 2.4287 | 1.2265 | 24.672 | 2.4720 | 2.6020 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 24.942 | 4.9842 | 5.0273 | 4.8069 | 5.0036 | 4.8672 | 4.9462 |
| Stddev | .114   | .0072  | .0249  | .0138  | .0257  | .0146  | .0194  |
| %RSD   | .45596 | .14530 | .49453 | .28736 | .51422 | .30010 | .39193 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 25.023 | 4.9893 | 5.0449 | 4.8166 | 5.0218 | 4.8775 | 4.9600 |
| #2 | 24.862 | 4.9791 | 5.0097 | 4.7971 | 4.9854 | 4.8569 | 4.9325 |

Sample Name: CCV04      Acquired: 10/2/2017 18:05:08      Type: Unk  
 Method: P4-ICP2(v1733)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|           |         |         |         |          |         |
|-----------|---------|---------|---------|----------|---------|
| Elem      | Li6707  | P_1774  | Sr4077  | U_3670   | U_3859  |
| Units     | ppm     | ppm     | ppm     | ppm      | ppm     |
| Avg       | 4.9933  | 5.024   | 5.0453  | F 2.9802 | F<00000 |
| Stddev    | .0307   | .004    | .0865   | .0069    | .48760  |
| %RSD      | .61378  | .0695   | 1.7150  | .23141   | 59.294  |
| #1        | 5.0149  | 5.027   | 5.1064  | 2.9851   | -.47756 |
| #2        | 4.9716  | 5.022   | 4.9841  | 2.9754   | -1.1671 |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306   | ln2306  |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S    | Cts/S   |
| Avg       | 2330.0  | 57268.  | 5728.9  | 37.694   | 2995.4  |
| Stddev    | 4.7     | 12.     | 15.0    | 1.110    | 6.8     |
| %RSD      | .20207  | .02090  | .26228  | 1.2659   | .22735  |
| #1        | 2326.6  | 57276.  | 5718.3  | 86.909   | 2990.6  |
| #2        | 2333.3  | 57259.  | 5739.6  | 88.479   | 3000.2  |

Sample Name: LLCCV02      Acquired: 10/2/2017 18:09:02      Type: Unk  
Method: P4-ICP2(v1733)      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    | .02150 | .03541 | .01122 | .01581 | .04374 | .08638 | .09224 |
| Stddev | .00154 | .00021 | .00021 | .00033 | .00002 | .00578 | .00007 |
| %RSD   | 7.1521 | .58490 | 1.8709 | 2.1012 | .03901 | 6.6866 | .07923 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .02259 | .03555 | .01136 | .01558 | .04373 | .08230 | .09219 |
| #2 | .02041 | .03526 | .01107 | .01605 | .04375 | .09047 | .09230 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00552 | .00526 | 1.8614 | .00949 | .02639 | .01912 | .10786 |
| Stddev | .00009 | .00004 | .0171  | .00031 | .00036 | .00093 | .00223 |
| %RSD   | 1.6543 | .73726 | .92077 | 3.2240 | 1.3691 | 4.8533 | 2.0662 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00558 | .00529 | 1.8735 | .00927 | .02613 | .01846 | .10628 |
| #2 | .00545 | .00524 | 1.8492 | .00971 | .02665 | .01977 | .10943 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01904 | 1.8353 | .03547 | .00894 | 1.8265 | .03691 | .03924 |
| Stddev | .00000 | .0450  | .00036 | .00004 | .0222  | .00033 | .00088 |
| %RSD   | .01386 | 2.4524 | 1.0272 | .46333 | 1.2165 | .89982 | 2.2539 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .01904 | 1.8034 | .03521 | .00891 | 1.8422 | .03667 | .03862 |
| #2 | .01904 | 1.8671 | .03573 | .00897 | 1.8108 | .03714 | .03987 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.8699 | .19000 | .09922 | .01563 | .34612 | .03580 | .04020 |
| Stddev | .0166  | .00080 | .00477 | .00107 | .00473 | .00000 | .00099 |
| %RSD   | .88564 | .42329 | 4.8066 | 6.8494 | 1.3677 | .00535 | 2.4551 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.8582 | .19056 | .09584 | .01639 | .34947 | .03580 | .04090 |
| #2 | 1.8817 | .18943 | .10259 | .01487 | .34277 | .03580 | .03950 |

Sample Name: LLCCV02      Acquired: 10/2/2017 18:09:02      Type: Unk  
Method: P4-ICP2(v1733)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |         |         |
|-----------|---------|---------|---------|---------|---------|
| Elem      | Li6707  | P_1774  | Sr4077  | U_3670  | U_3859  |
| Units     | ppm     | ppm     | ppm     | ppm     | ppm     |
| Avg       | .02336  | F.0134  | .02119  | F2.5988 | F<00000 |
| Stddev    | .00065  | .0000   | .00010  | .0697   | .08523  |
| %RSD      | 2.8017  | .0987   | .45793  | 2.6830  | 9.2727  |
| #1        | .02290  | .0134   | .02125  | 2.6481  | -.85888 |
| #2        | .02383  | .0134   | .02112  | 2.5495  | -.97941 |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306  | ln2306  |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   |
| Avg       | 2433.8  | 59858.  | 5718.8  | 91.564  | 3279.7  |
| Stddev    | 4.8     | 195.    | 19.9    | 1.536   | 4.4     |
| %RSD      | .19689  | .32508  | .34806  | 1.6779  | .13394  |
| #1        | 2430.4  | 59720.  | 5704.8  | 92.650  | 3276.6  |
| #2        | 2437.2  | 59995.  | 5732.9  | 90.477  | 3282.8  |

Sample Name: CCB04      Acquired: 10/2/2017 18:13:12      Type: Unk  
 Method: P4-ICP2(v1733)      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    | .00113 | -.00071 | .00140 | .00087 | -.00093 | -.00213 | .00059 |
| Stddev | .00136 | .00032  | .00066 | .00002 | .00169  | .00453  | .00016 |
| %RSD   | 120.17 | 45.011  | 47.103 | 2.3254 | 180.80  | 212.56  | 26.329 |

|    |        |         |        |        |         |         |        |
|----|--------|---------|--------|--------|---------|---------|--------|
| #1 | .00209 | -.00094 | .00186 | .00085 | -.00213 | -.00533 | .00070 |
| #2 | .00017 | -.00049 | .00093 | .00088 | .00026  | .00107  | .00048 |

|        |        |         |         |         |         |         |         |
|--------|--------|---------|---------|---------|---------|---------|---------|
| Elem   | Be2348 | Cd2265  | Ca3736  | Cr2677  | Co2286  | Cu2247  | Fe2404  |
| Units  | ppm    | ppm     | ppm     | ppm     | ppm     | ppm     | ppm     |
| Avg    | .00005 | -.00011 | -.00501 | -.00009 | -.00030 | -.00004 | -.00095 |
| Stddev | .00000 | .00002  | .00659  | .00001  | .00015  | .00009  | .00232  |
| %RSD   | .52847 | 16.556  | 131.47  | 7.3479  | 50.861  | 227.69  | 244.43  |

|    |        |         |         |         |         |         |         |
|----|--------|---------|---------|---------|---------|---------|---------|
| #1 | .00005 | -.00013 | -.00968 | -.00008 | -.00019 | .00002  | -.00259 |
| #2 | .00006 | -.00010 | -.00035 | -.00009 | -.00041 | -.00010 | .00069  |

|        |         |         |        |         |         |        |         |
|--------|---------|---------|--------|---------|---------|--------|---------|
| Elem   | Mn2576  | Mg2790  | Ni2316 | Ag3280  | Na5895  | V_2924 | Zn2138  |
| Units  | ppm     | ppm     | ppm    | ppm     | ppm     | ppm    | ppm     |
| Avg    | -.00012 | -.00669 | .00022 | -.00008 | -.04947 | .00030 | -.00060 |
| Stddev | .00003  | .02578  | .00008 | .00033  | .00716  | .00081 | .00002  |
| %RSD   | 26.266  | 385.48  | 37.185 | 429.70  | 14.474  | 271.48 | 3.0743  |

|    |         |         |        |         |         |         |         |
|----|---------|---------|--------|---------|---------|---------|---------|
| #1 | -.00010 | .01154  | .00027 | -.00031 | -.04441 | .00087  | -.00061 |
| #2 | -.00014 | -.02492 | .00016 | .00015  | -.05453 | -.00028 | -.00059 |

|        |        |         |        |         |        |        |        |
|--------|--------|---------|--------|---------|--------|--------|--------|
| Elem   | K_7664 | Mo2020  | B_2496 | S_1820  | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm     | ppm    | ppm     | ppm    | ppm    | ppm    |
| Avg    | .04351 | -.00039 | .00469 | -.00245 | .00971 | .00038 | .00307 |
| Stddev | .01899 | .00004  | .00934 | .00011  | .01481 | .00041 | .00075 |
| %RSD   | 43.648 | 10.343  | 198.97 | 4.3629  | 152.48 | 107.77 | 24.573 |

|    |        |         |         |         |         |        |        |
|----|--------|---------|---------|---------|---------|--------|--------|
| #1 | .03008 | -.00036 | .01129  | -.00252 | -.00076 | .00067 | .00360 |
| #2 | .05694 | -.00042 | -.00191 | -.00237 | .02019  | .00009 | .00253 |

Sample Name: CCB04      Acquired: 10/2/2017 18:13:12      Type: Unk  
 Method: P4-ICP2(v1733)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|           |         |         |         |          |         |
|-----------|---------|---------|---------|----------|---------|
| Elem      | Li6707  | P_1774  | Sr4077  | U_3670   | U_3859  |
| Units     | ppm     | ppm     | ppm     | ppm      | ppm     |
| Avg       | .00048  | .0030   | .00018  | F 2.6716 | F<00000 |
| Stddev    | .00043  | .0001   | .00007  | .1070    | .07022  |
| %RSD      | 89.866  | 3.128   | 41.703  | 4.0044   | 89.885  |
| #1        | -.00079 | -.0031  | -.00012 | 2.7473   | -.12777 |
| #2        | -.00018 | -.0029  | -.00023 | 2.5960   | -.02847 |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306   | ln2306  |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S    | Cts/S   |
| Avg       | 2502.6  | 31367.  | 5795.5  | 93.809   | 3366.1  |
| Stddev    | 10.8    | 307.    | 13.6    | .681     | 8.8     |
| %RSD      | .43284  | .50029  | .23481  | .72636   | .26250  |
| #1        | 2494.9  | 61150.  | 5805.1  | 94.291   | 3359.9  |
| #2        | 2510.3  | 61585.  | 5785.8  | 93.327   | 3372.4  |