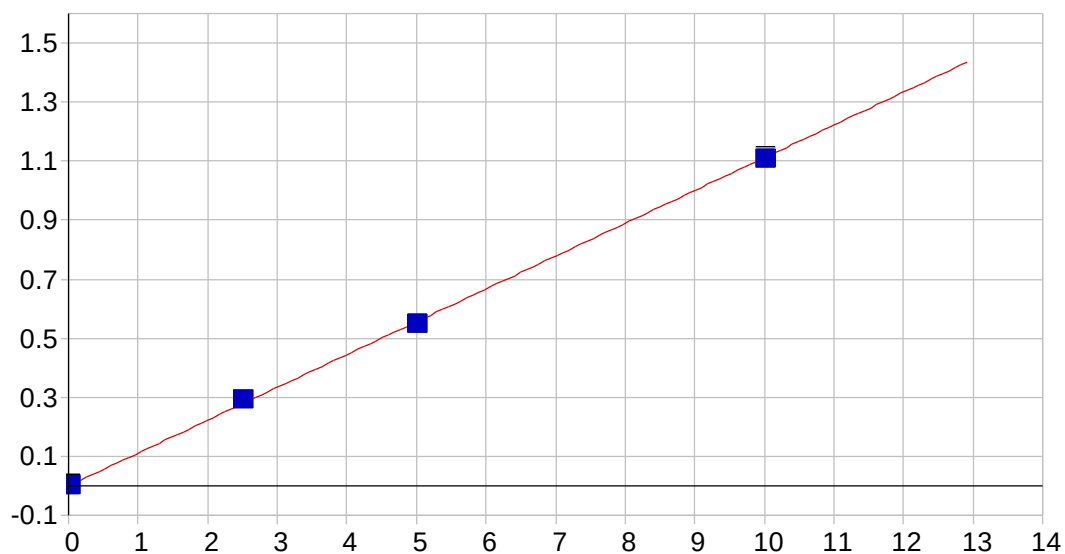




As 189.042 {478}

Date of Fit: 6/13/2017 18:05:31

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000333

Re-Slope: 1.000000

A1 (Gain): 0.111181

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999806

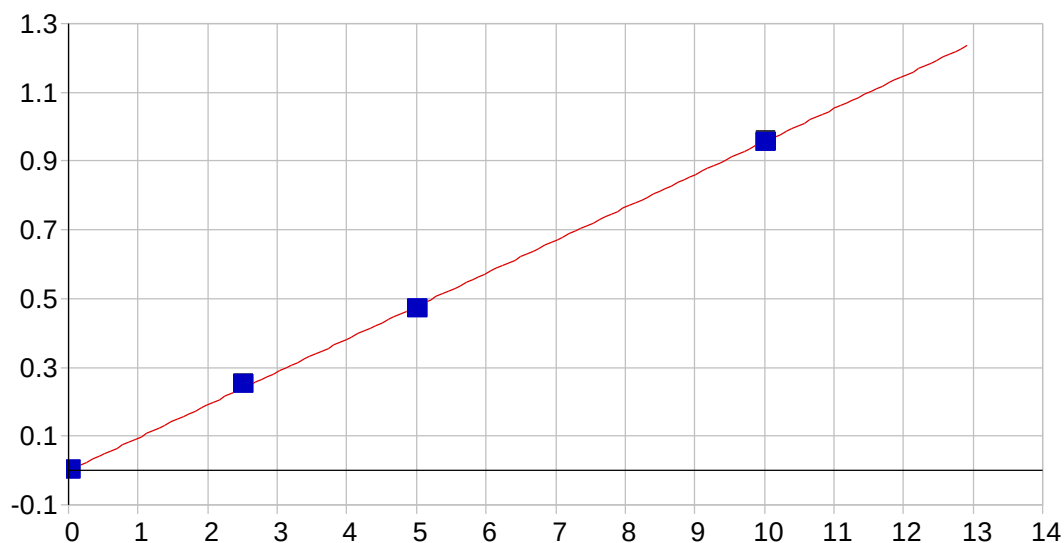
Status: OK.

Std Error of Est: 0.000053

Predicted MDL: 0.002475

Predicted MQL: 0.008249

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00033 | .000    | 1        |
| S1        | .02000       | .01983      | .000       | -.866   | .00191  | .000    | 1        |
| S3        | 2.5000       | 2.6172      | .117       | 4.69    | .29104  | .000    | 1        |
| S4        | 5.0000       | 4.9238      | -.076      | -1.52   | .54787  | .000    | 1        |
| S5        | 10.000       | 9.9591      | -.041      | -.409   | 1.1085  | .004    | 1        |

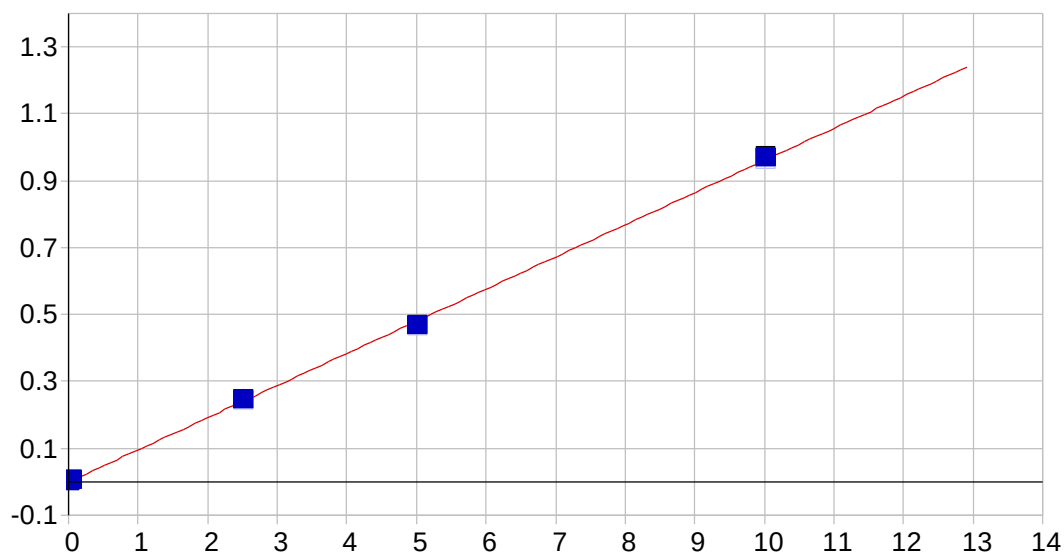


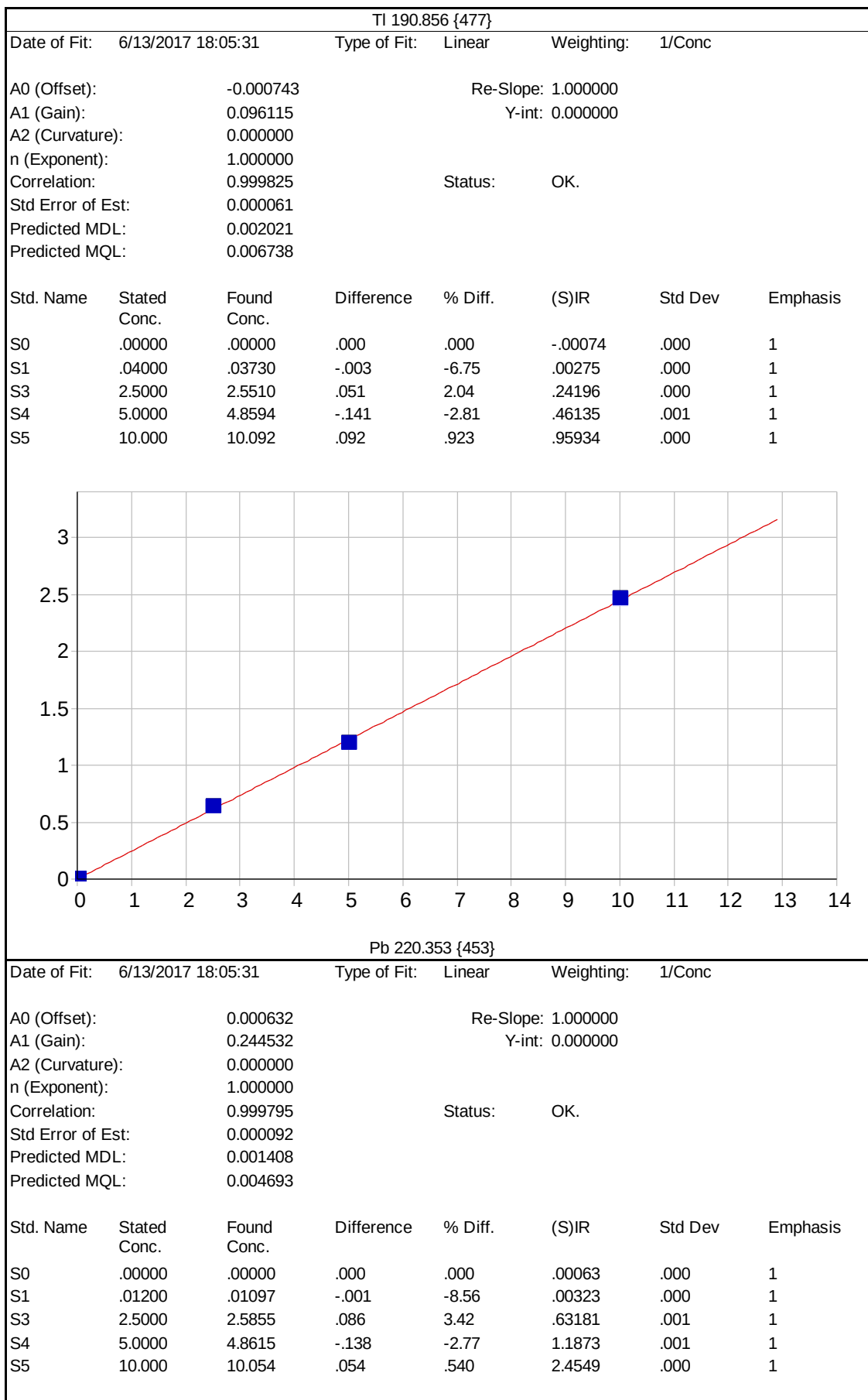
As 189.042 {479}

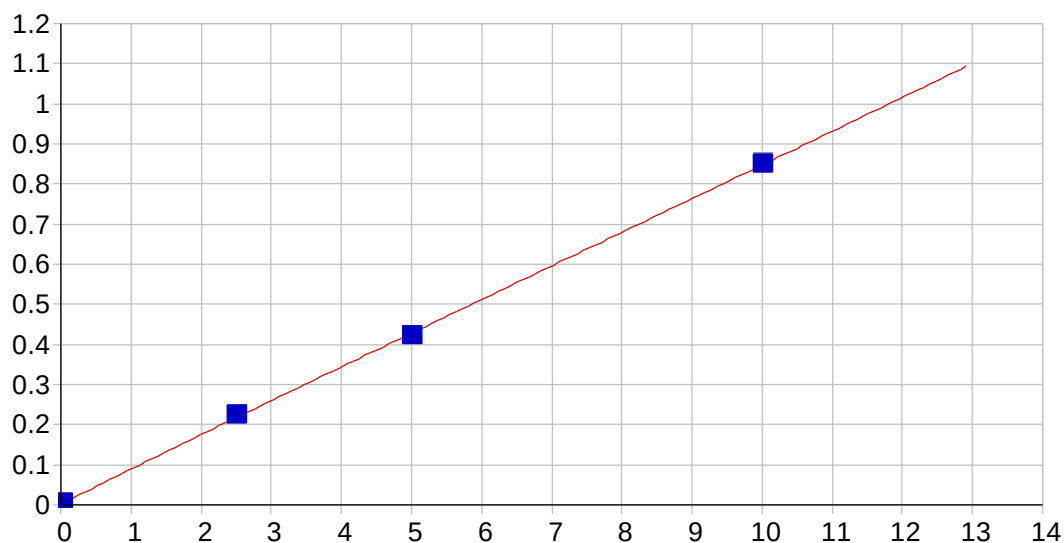
Date of Fit: 6/13/2017 18:05:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000743 Re-Slope: 1.000000  
 A1 (Gain): 0.095692 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999799 Status: OK.  
 Std Error of Est: 0.000046  
 Predicted MDL: 0.002025  
 Predicted MQL: 0.006750

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00074 | .000    | 1        |
| S1        | .02000       | .02099      | .001       | 4.97    | .00130  | .000    | 1        |
| S3        | 2.5000       | 2.6139      | .114       | 4.56    | .24972  | .001    | 1        |
| S4        | 5.0000       | 4.9057      | -.094      | -1.89   | .46935  | .000    | 1        |
| S5        | 10.000       | 9.9794      | -.021      | -.206   | .95553  | .003    | 1        |





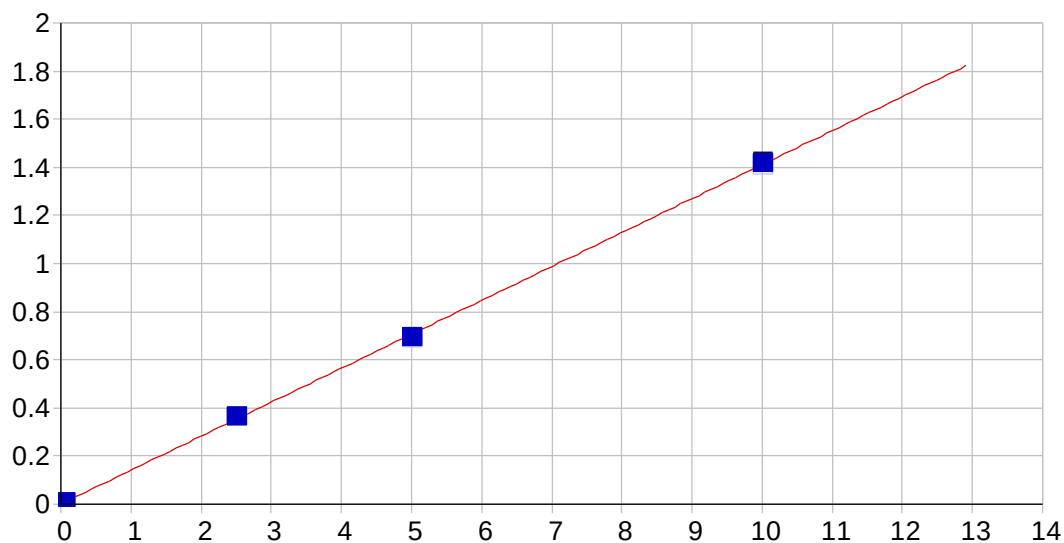


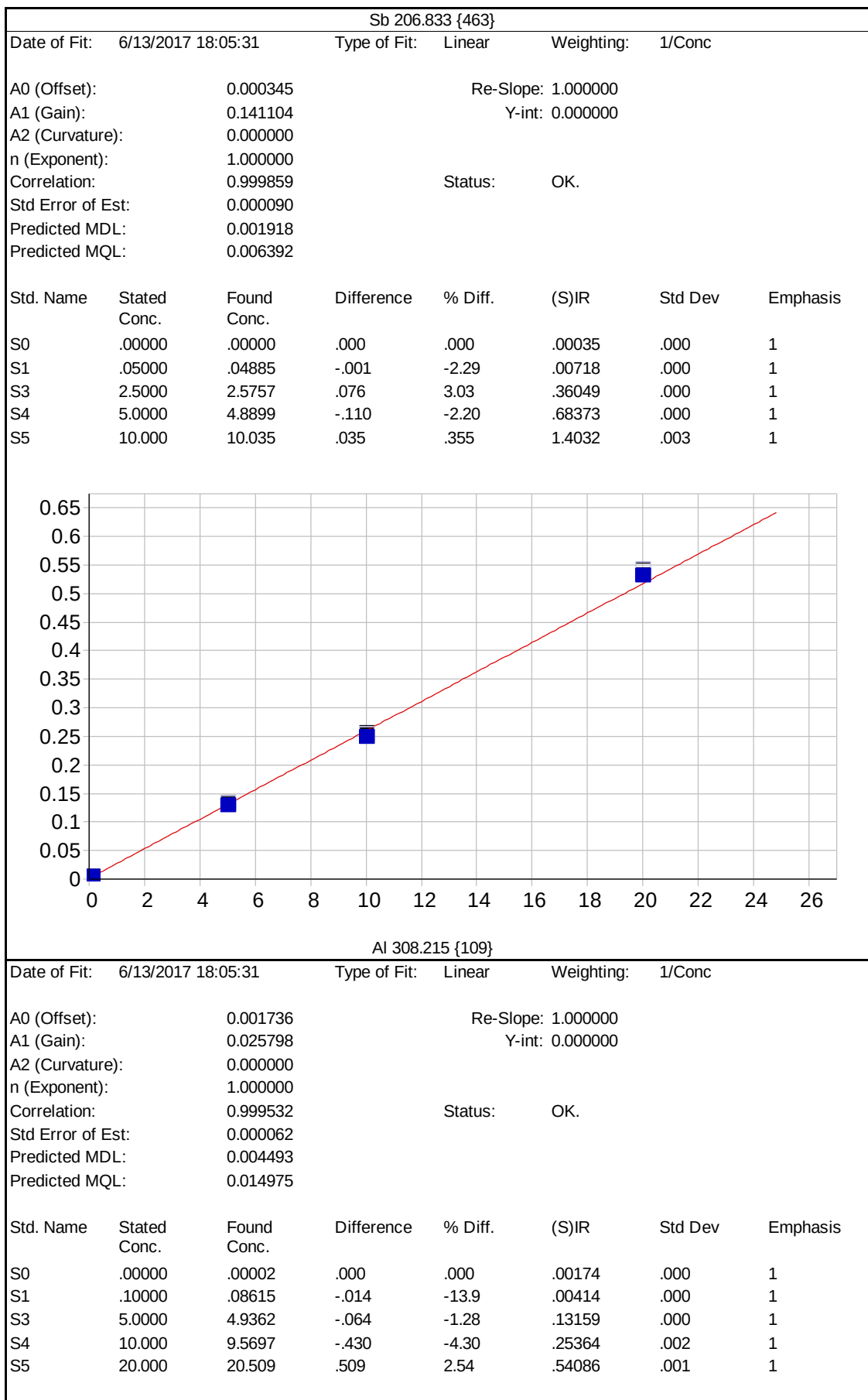
Se 196.090 {472}

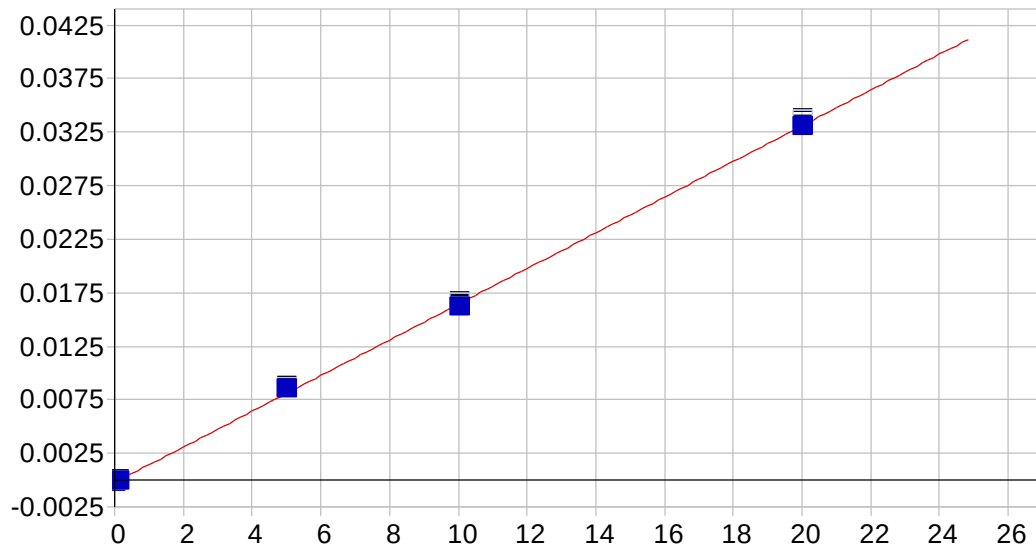
Date of Fit: 6/13/2017 18:05:31 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): 0.000252 Re-Slope: 1.000000  
 A1 (Gain): 0.088750 Y-int: 0.000000  
 A2 (Curvature): 0.000220  
 n (Exponent): 0.970000  
 Correlation: 0.999869 Status: Warning Positive Curvature  
 Std Error of Est: 0.000058  
 Predicted MDL: 0.002463  
 Predicted MQL: 0.008212

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00025 | .000    | 1        |
| S1        | .02000       | .01634      | -.004      | -18.3   | .00189 | .000    | 1        |
| S3        | 2.5000       | 2.5684      | .068       | 2.74    | .22334 | .000    | 1        |
| S4        | 5.0000       | 4.9037      | -.096      | -1.93   | .42026 | .001    | 1        |
| S5        | 10.000       | 10.031      | .031       | .314    | .85086 | .001    | 1        |



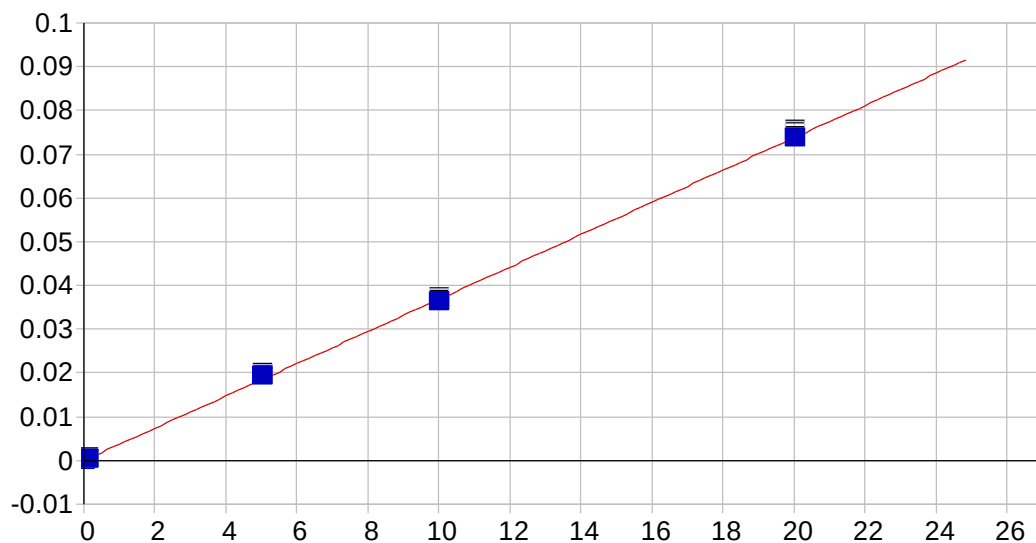


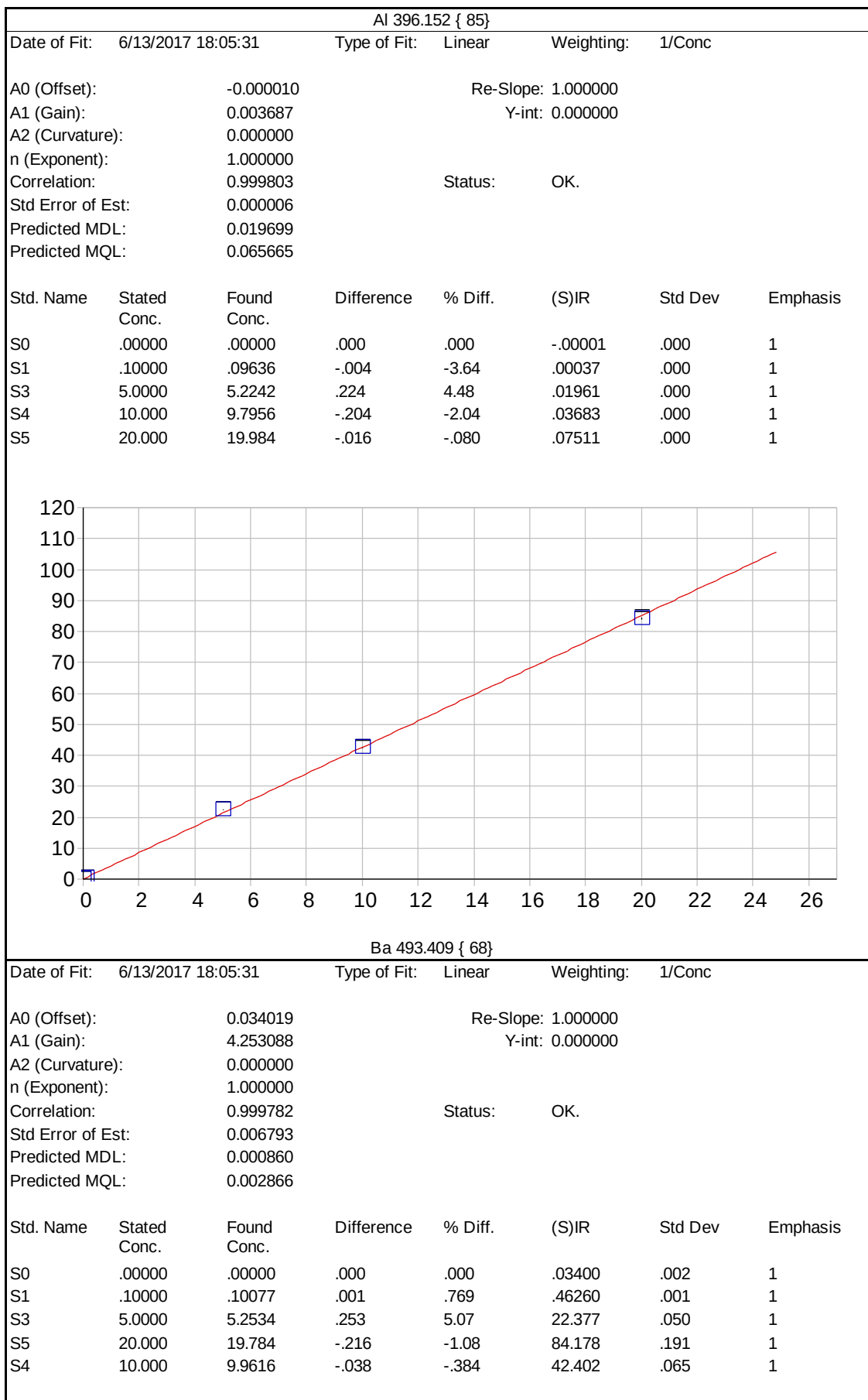


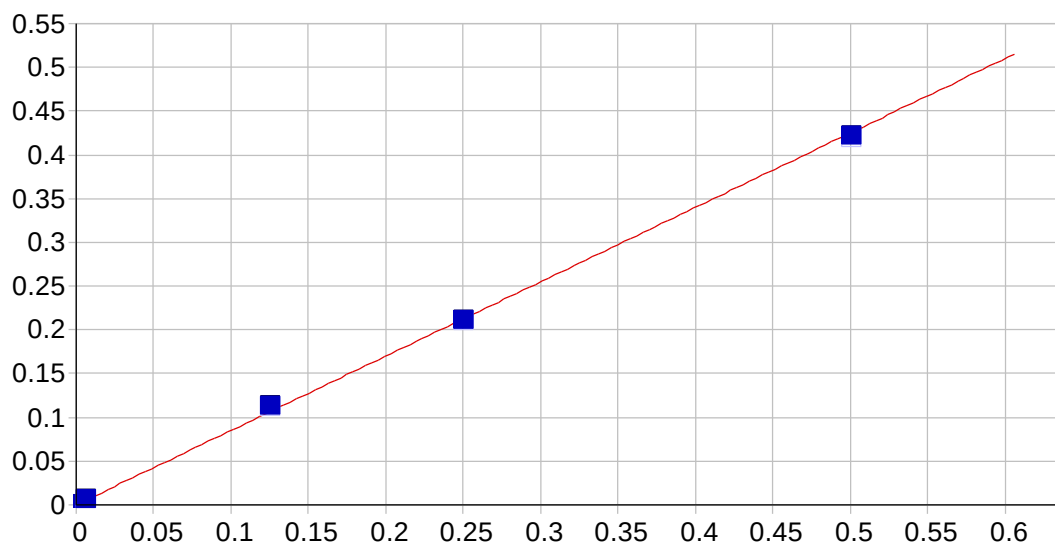
Date of Fit: 6/13/2017 18:05:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000241 Re-Slope: 1.000000  
 A1 (Gain): 0.001667 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999819 Status: OK.  
 Std Error of Est: 0.000002  
 Predicted MDL: 0.034245  
 Predicted MQL: 0.114150

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00001     | .000       | .000    | -.00024 | .000    | 1        |
| S1        | .10000       | .10623      | .006       | 6.23    | -.00005 | .000    | 1        |
| S3        | 5.0000       | 5.2234      | .223       | 4.47    | .00863  | .000    | 1        |
| S4        | 10.000       | 9.8381      | -.162      | -1.62   | .01648  | .000    | 1        |
| S5        | 20.000       | 19.932      | -.068      | -.340   | .03363  | .000    | 1        |





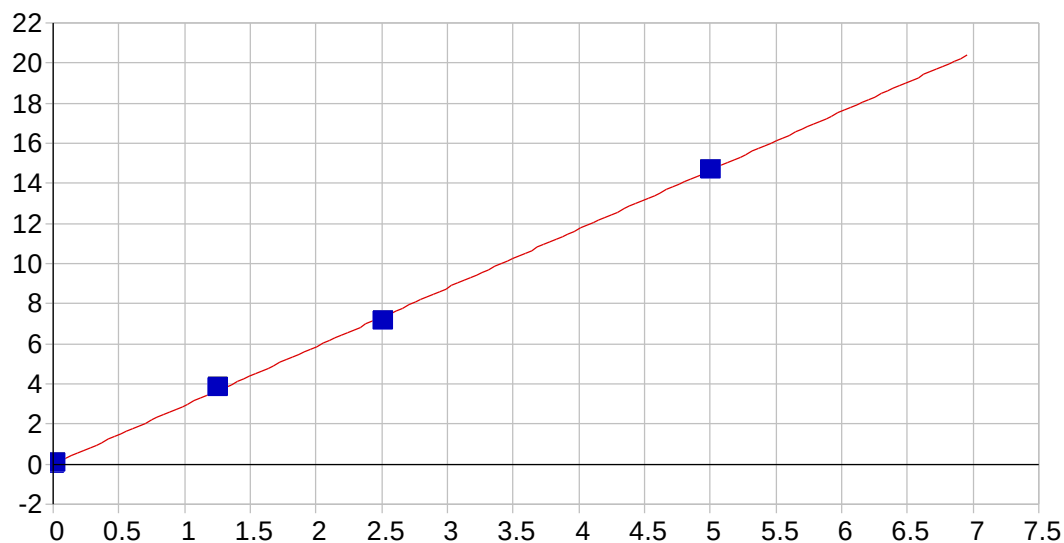


Be 234.861 {144}

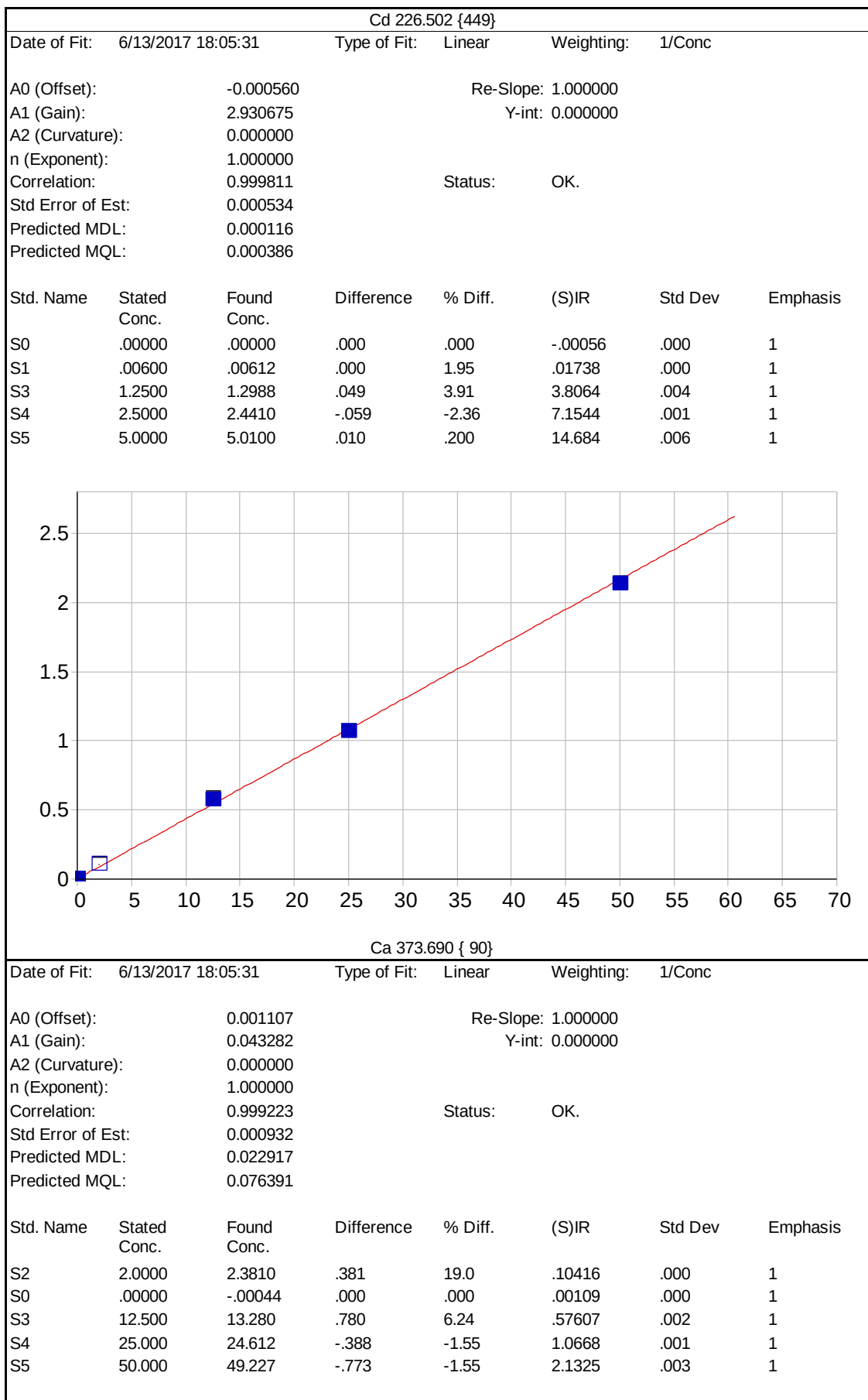
Date of Fit: 6/13/2017 18:05:31 Type of Fit: Linear Weighting: 1/Conc

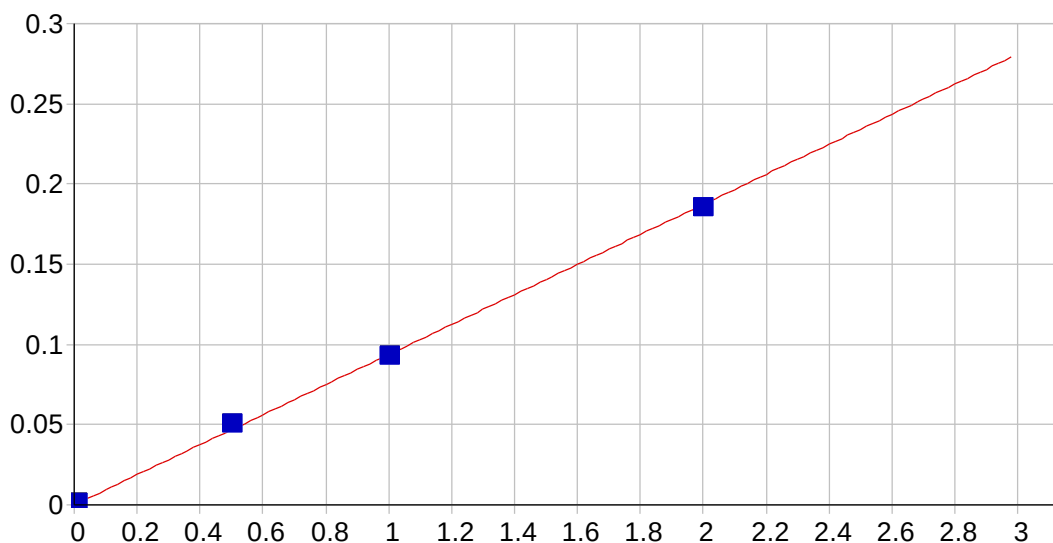
A0 (Offset): 0.000029 Re-Slope: 1.000000  
 A1 (Gain): 0.849803 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999706 Status: OK.  
 Std Error of Est: 0.000061  
 Predicted MDL: 0.000069  
 Predicted MQL: 0.000231

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00003 | .000    | 1        |
| S1        | .00600       | .00621      | .000       | 3.48    | .00525 | .000    | 1        |
| S3        | .12500       | .13231      | .007       | 5.85    | .11177 | .000    | 1        |
| S4        | .25000       | .24726      | -.003      | -1.10   | .20875 | .001    | 1        |
| S5        | .50000       | .49522      | -.005      | -0.955  | .41808 | .001    | 1        |









Date of Fit: 6/13/2017 18:05:31

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000034

Re-Slope: 1.000000

A1 (Gain): 0.093634

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999612

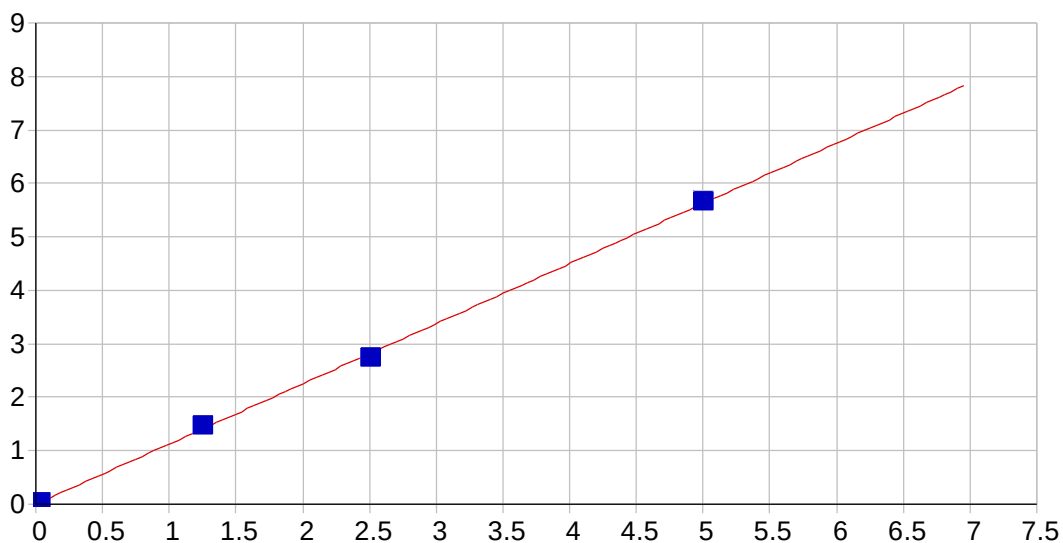
Status: OK.

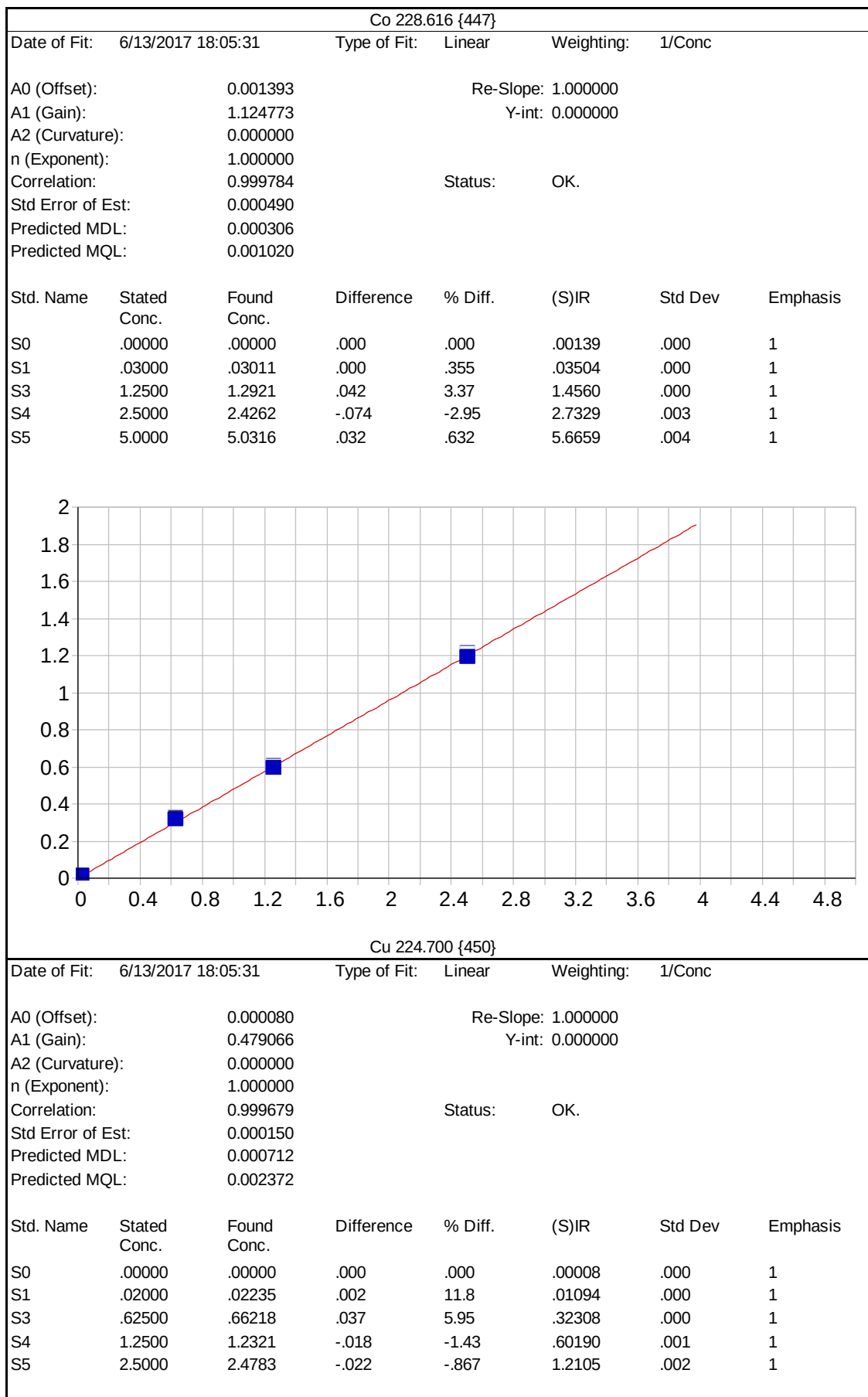
Std Error of Est: 0.000020

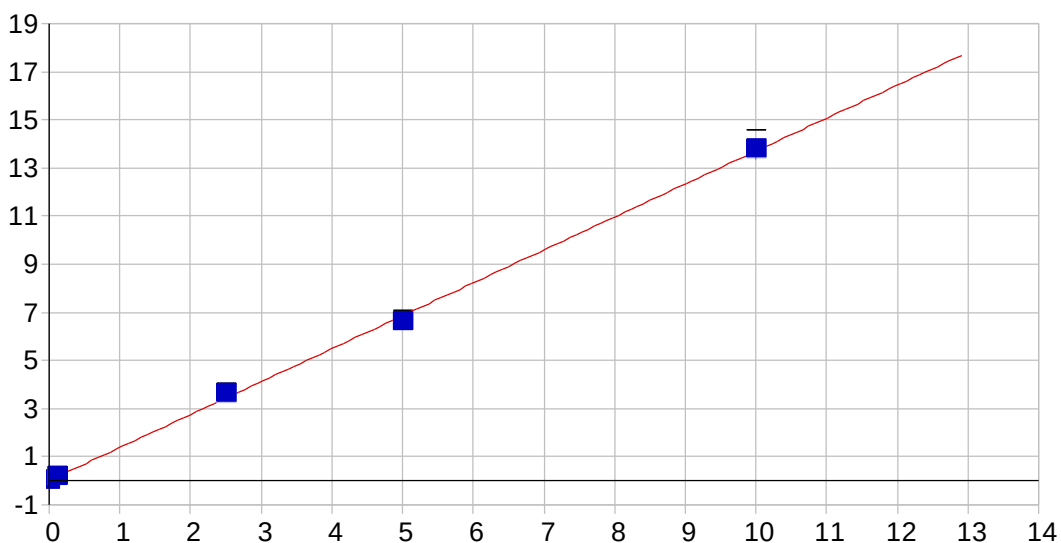
Predicted MDL: 0.000694

Predicted MQL: 0.002315

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00003 | .000    | 1        |
| S1        | .01000       | .01129      | .001       | 12.9    | .00109 | .000    | 1        |
| S3        | .50000       | .53297      | .033       | 6.59    | .04999 | .000    | 1        |
| S4        | 1.0000       | .98908      | -.011      | -1.09   | .09275 | .000    | 1        |
| S5        | 2.0000       | 1.9767      | -.023      | -1.17   | .18532 | .000    | 1        |







Fe 240.488 {140}

Date of Fit: 6/13/2017 18:05:31

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.013836

Re-Slope: 1.000000

A1 (Gain): 1.368704

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999626

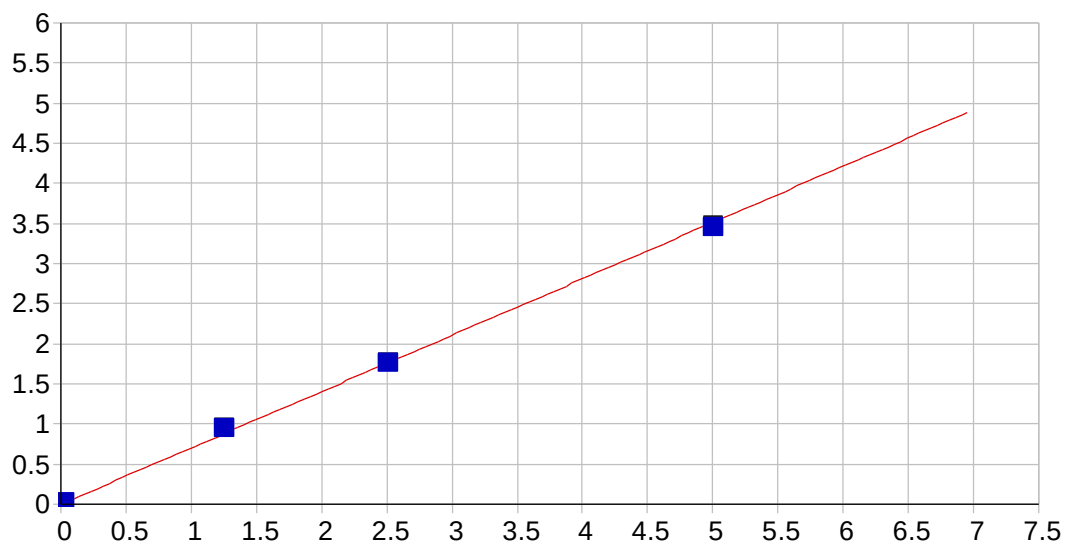
Status: OK.

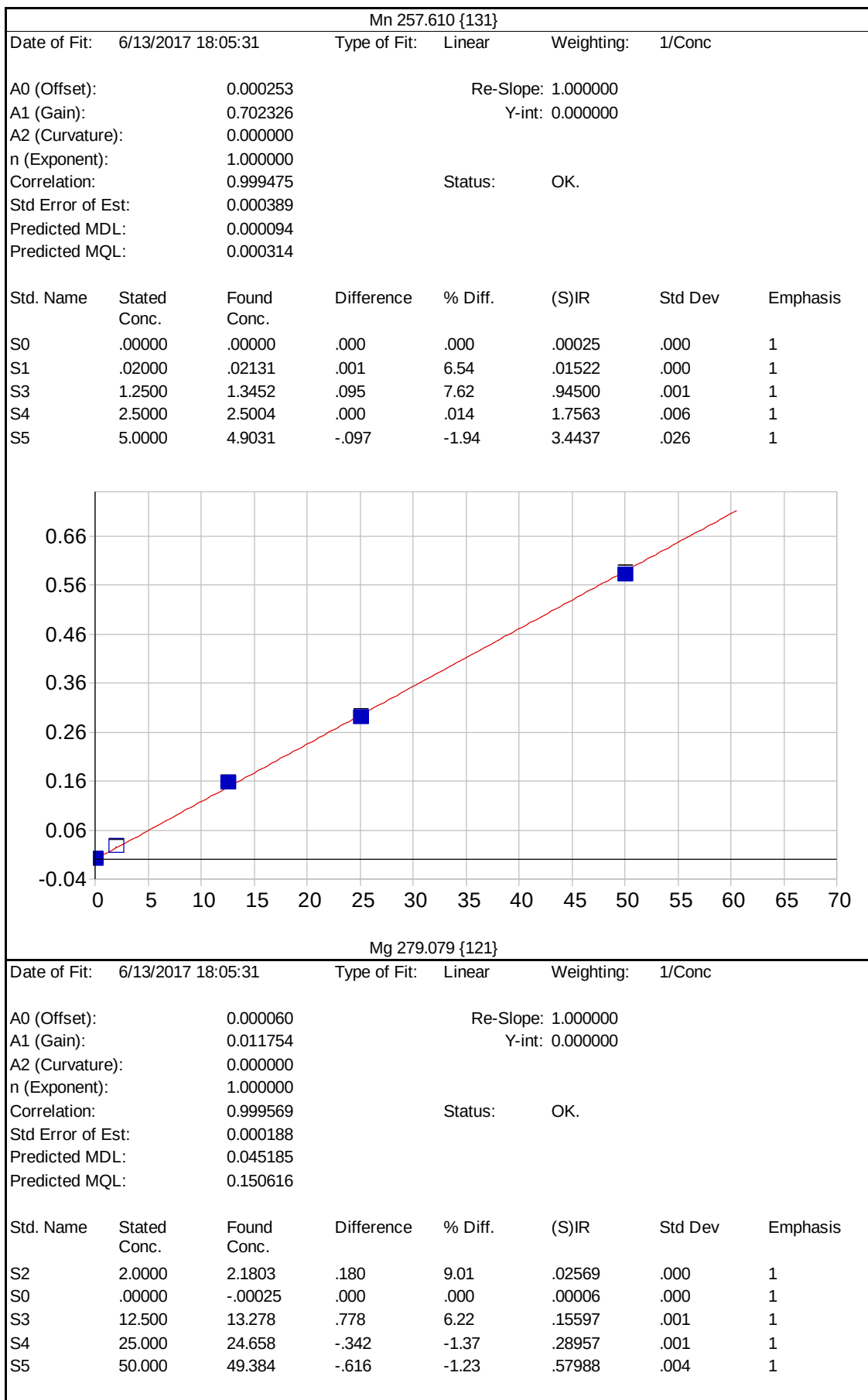
Std Error of Est: 0.002024

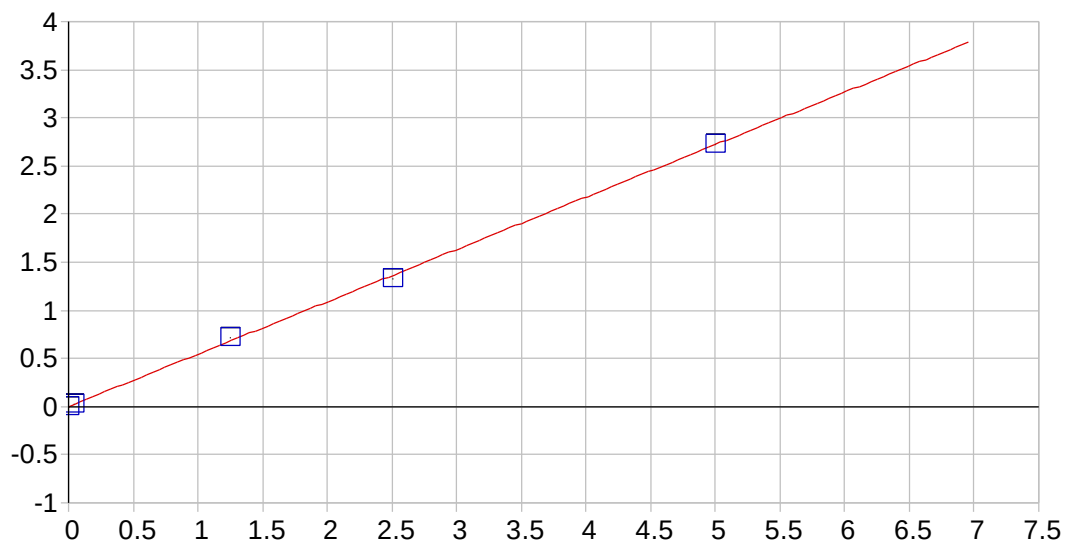
Predicted MDL: 0.011362

Predicted MQL: 0.037875

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .01383 | .020    | 1        |
| S1        | .10000       | .10123      | .001       | 1.23    | .15224 | .010    | 1        |
| S3        | 2.5000       | 2.6233      | .123       | 4.93    | 3.5982 | .013    | 1        |
| S4        | 5.0000       | 4.8170      | -.183      | -3.66   | 6.5945 | .039    | 1        |
| S5        | 10.000       | 10.058      | .058       | .585    | 13.756 | .381    | 1        |







Ni 231.604 {445}

Date of Fit: 6/13/2017 18:05:31

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000337

Re-Slope: 1.000000

A1 (Gain): 0.544260

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999764

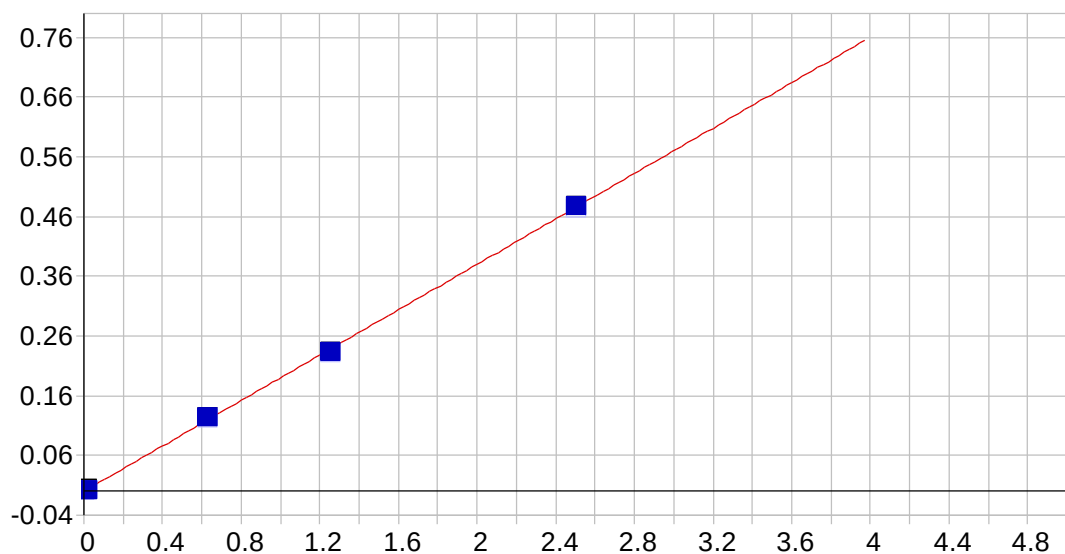
Status: OK.

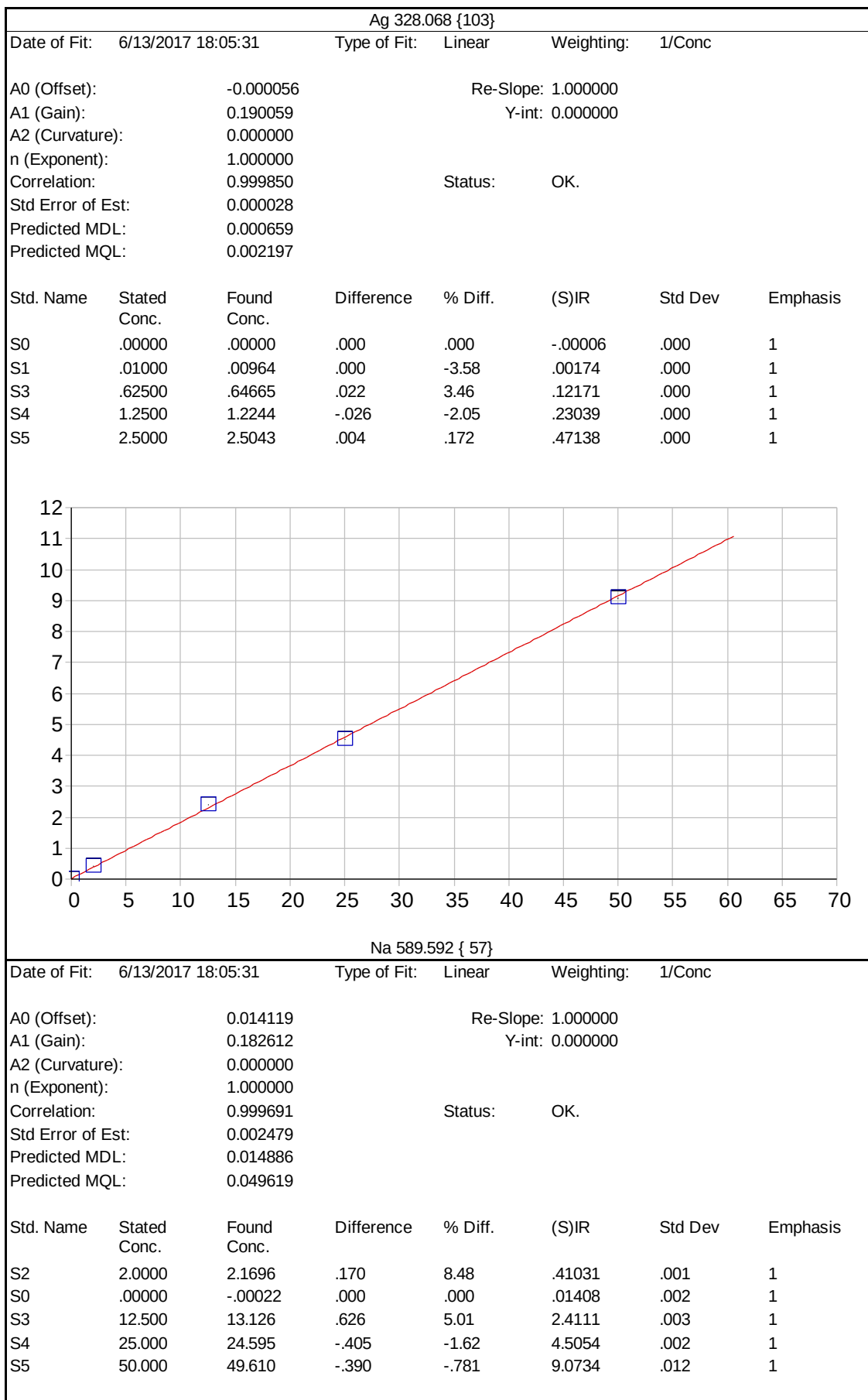
Std Error of Est: 0.000286

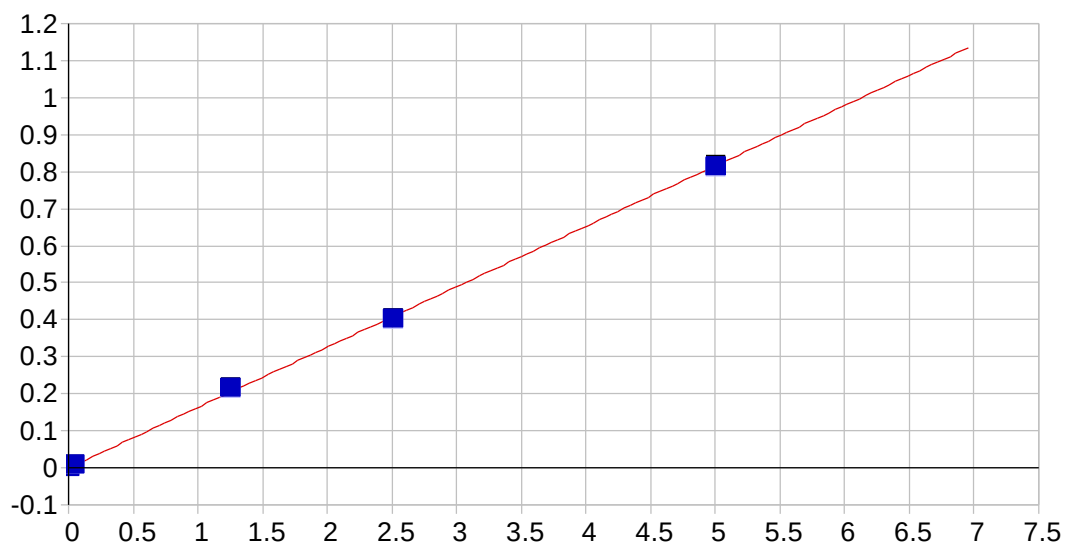
Predicted MDL: 0.000546

Predicted MQL: 0.001819

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00034 | .000    | 1        |
| S1        | .04000       | .04083      | .001       | 2.09    | .02256 | .000    | 1        |
| S3        | 1.2500       | 1.3067      | .057       | 4.54    | .71153 | .001    | 1        |
| S4        | 2.5000       | 2.4377      | -.062      | -2.49   | 1.3271 | .001    | 1        |
| S5        | 5.0000       | 5.0047      | .005       | .094    | 2.7242 | .000    | 1        |





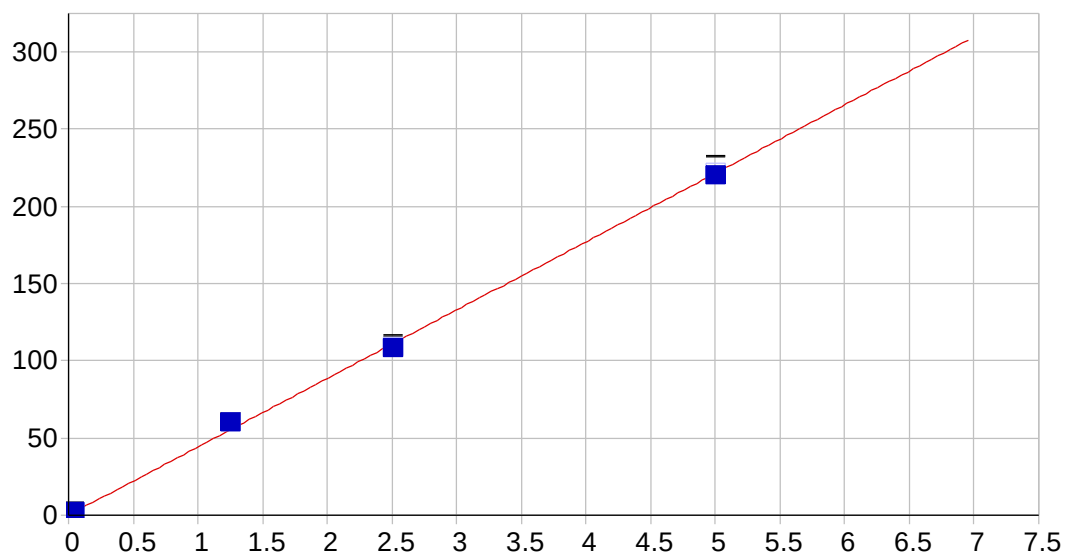


V 292.402 {115}

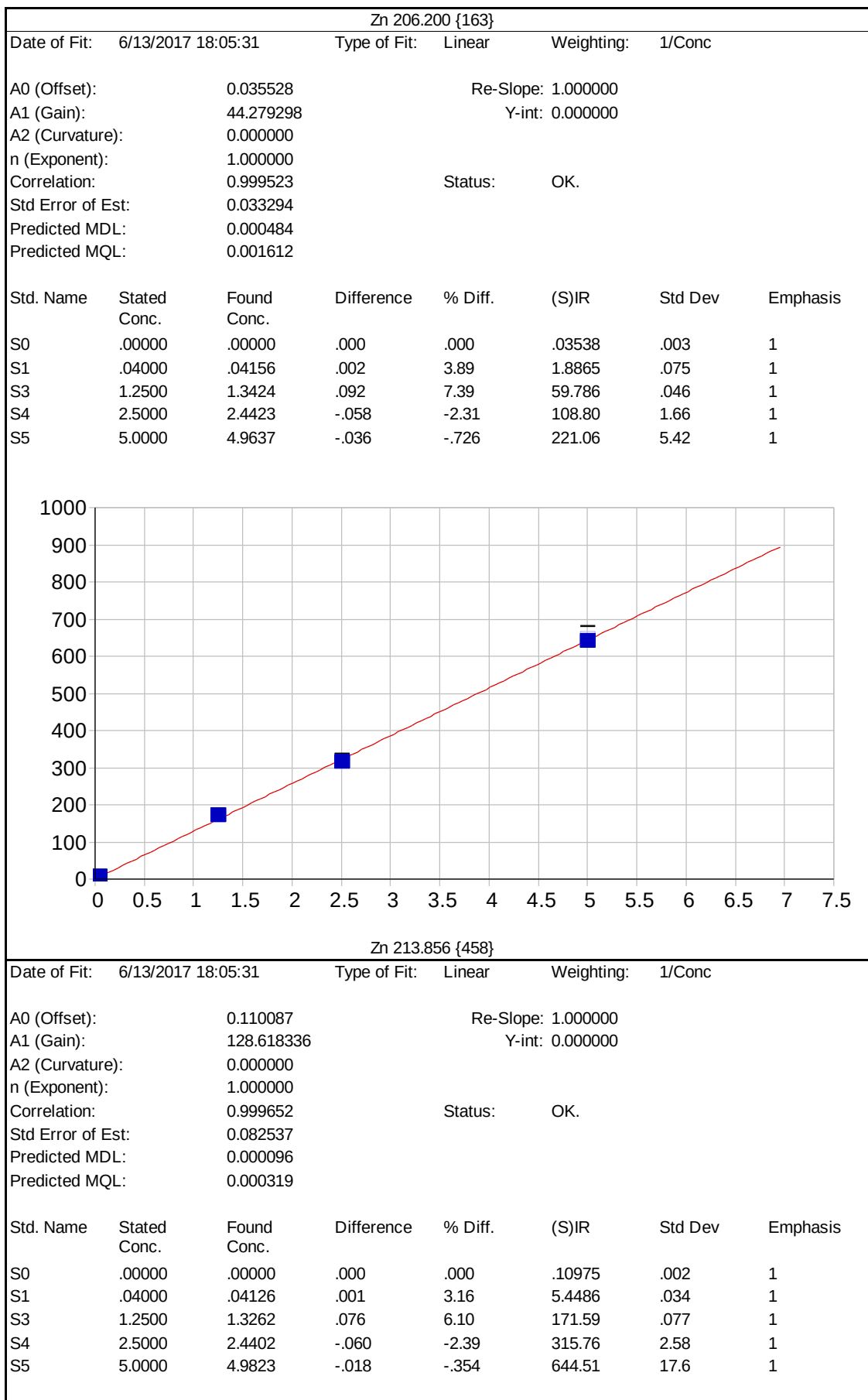
Date of Fit: 6/13/2017 18:05:31 Type of Fit: Linear Weighting: 1/Conc

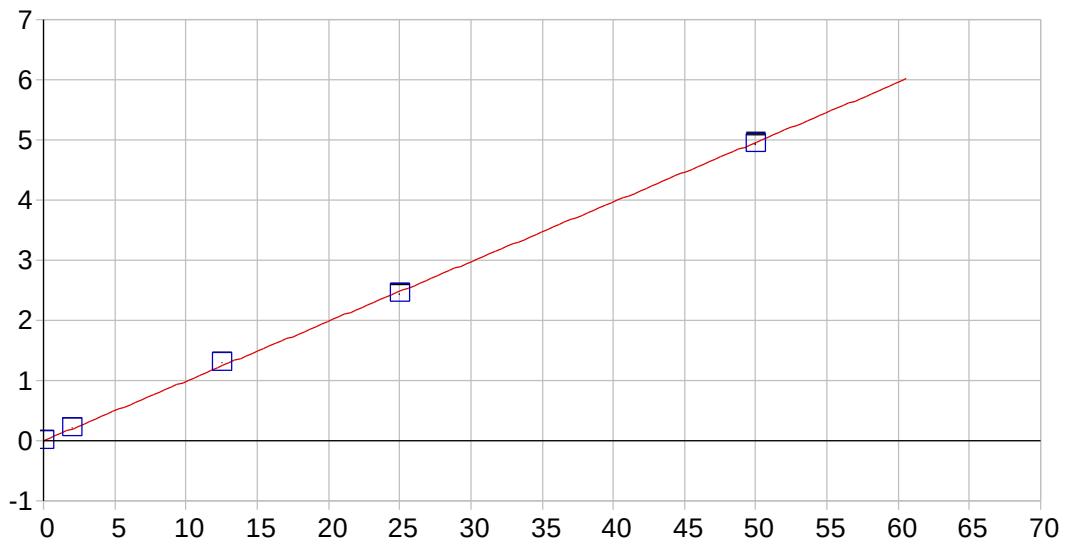
A0 (Offset): -0.000244 Re-Slope: 1.000000  
 A1 (Gain): 0.163205 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999793 Status: OK.  
 Std Error of Est: 0.000080  
 Predicted MDL: 0.000573  
 Predicted MQL: 0.001910

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00024 | .000    | 1        |
| S1        | .04000       | .03938      | -.001      | -1.55   | .00608  | .000    | 1        |
| S3        | 1.2500       | 1.3095      | .060       | 4.76    | .21216  | .000    | 1        |
| S4        | 2.5000       | 2.4587      | -.041      | -1.65   | .39840  | .002    | 1        |
| S5        | 5.0000       | 4.9824      | -.018      | -.352   | .80765  | .002    | 1        |







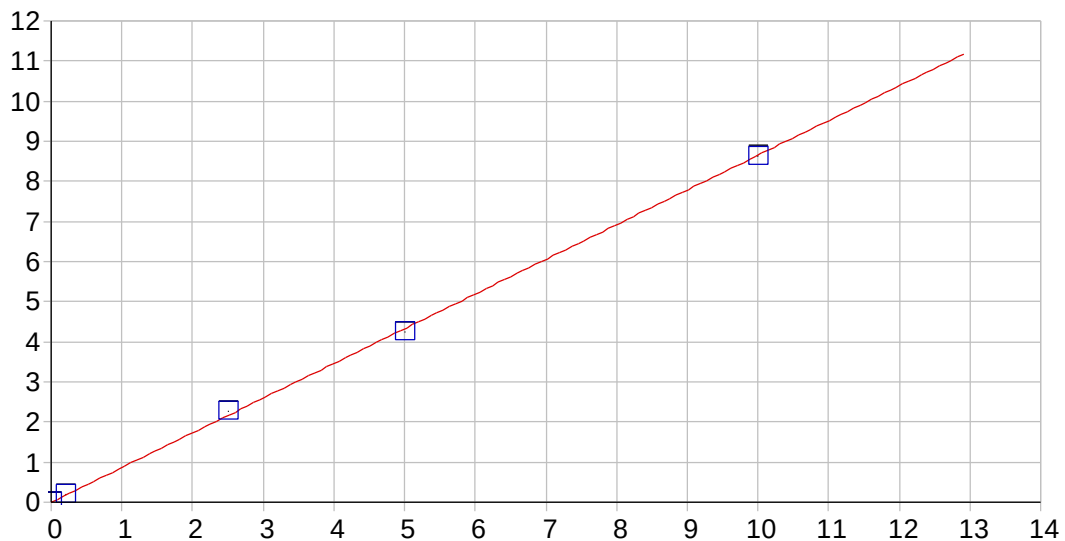


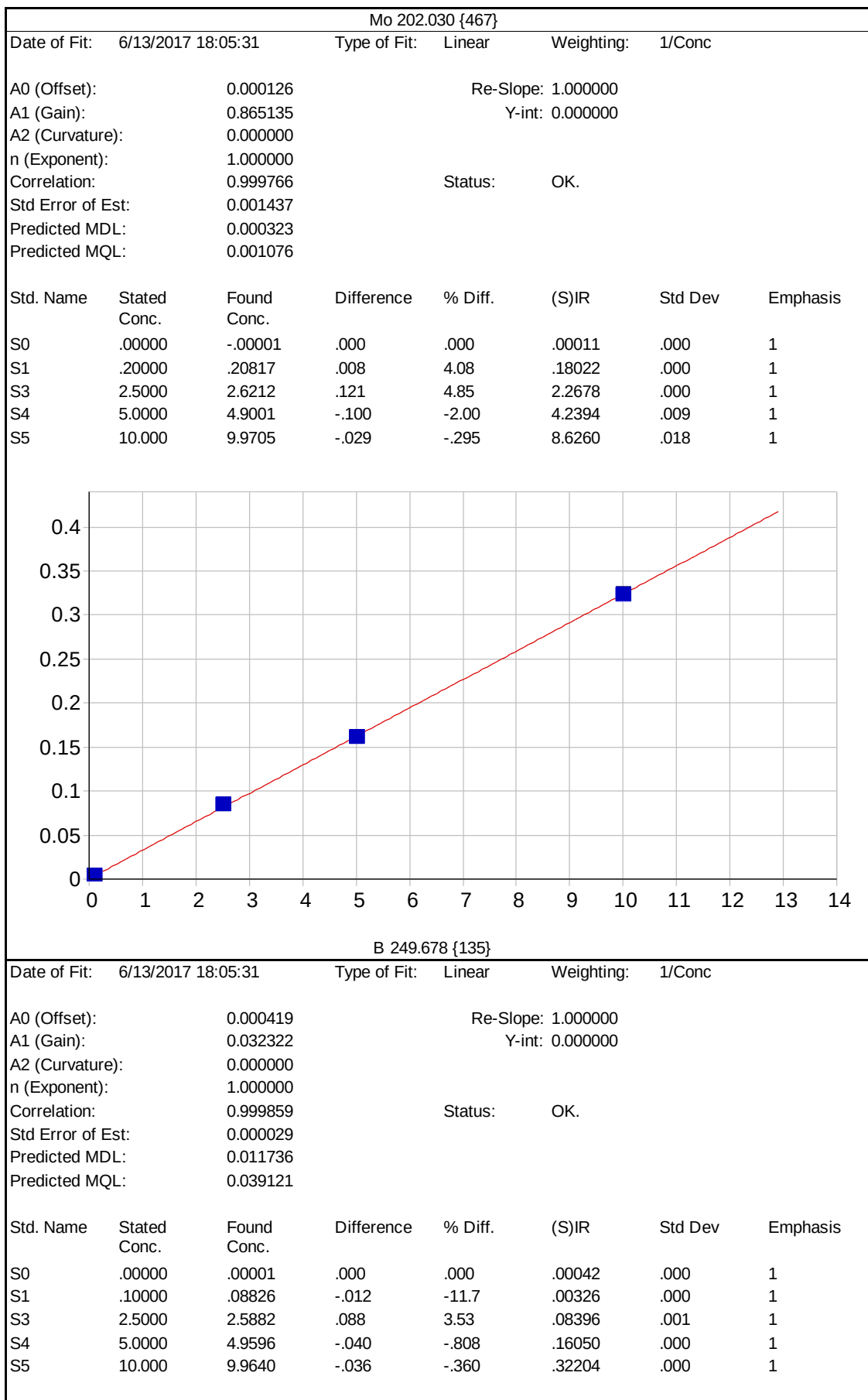
K 766.490 { 44}

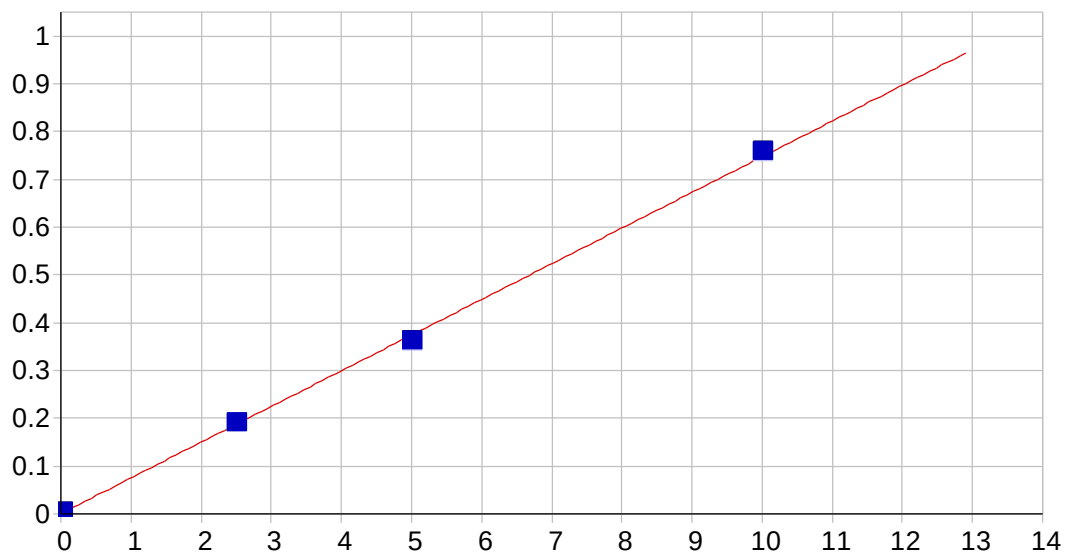
Date of Fit: 6/13/2017 18:05:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001217 Re-Slope: 1.000000  
 A1 (Gain): 0.099218 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999798 Status: OK.  
 Std Error of Est: 0.001088  
 Predicted MDL: 0.037350  
 Predicted MQL: 0.124498

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S2        | 2.0000       | 2.1172      | .117       | 5.86    | .20885  | .002    | 1        |
| S0        | .00000       | -.00016     | .000       | .000    | -.00123 | .001    | 1        |
| S3        | 12.500       | 13.012      | .512       | 4.10    | 1.2898  | .001    | 1        |
| S4        | 25.000       | 24.568      | -.432      | -1.73   | 2.4364  | .003    | 1        |
| S5        | 50.000       | 49.802      | -.198      | -.395   | 4.9401  | .021    | 1        |





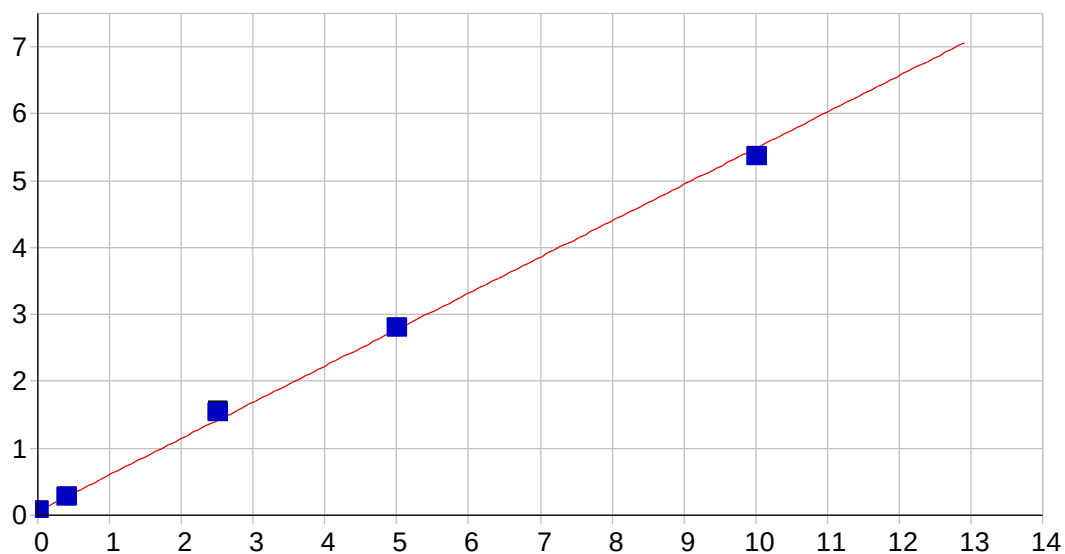


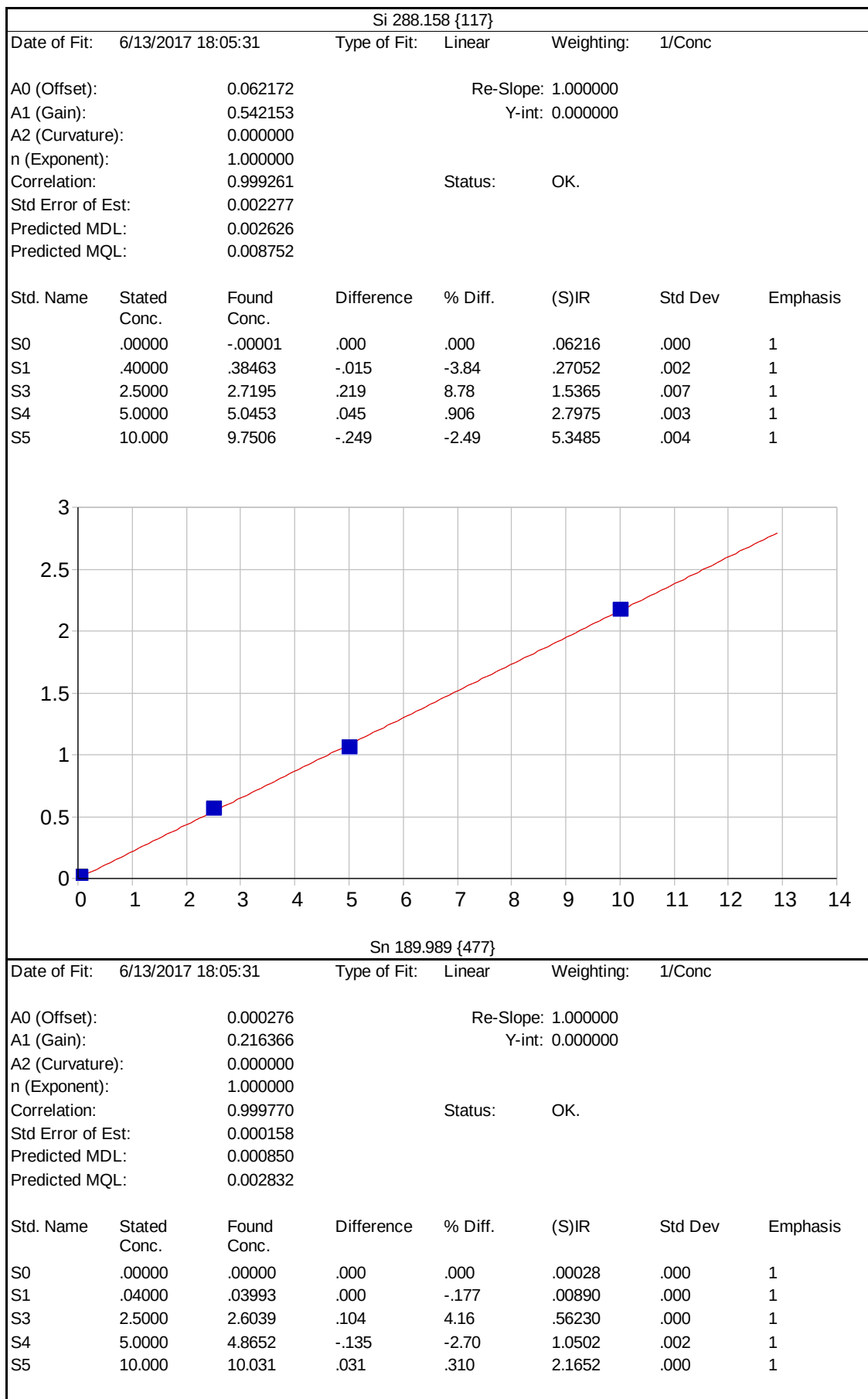
S 182.034 {485}

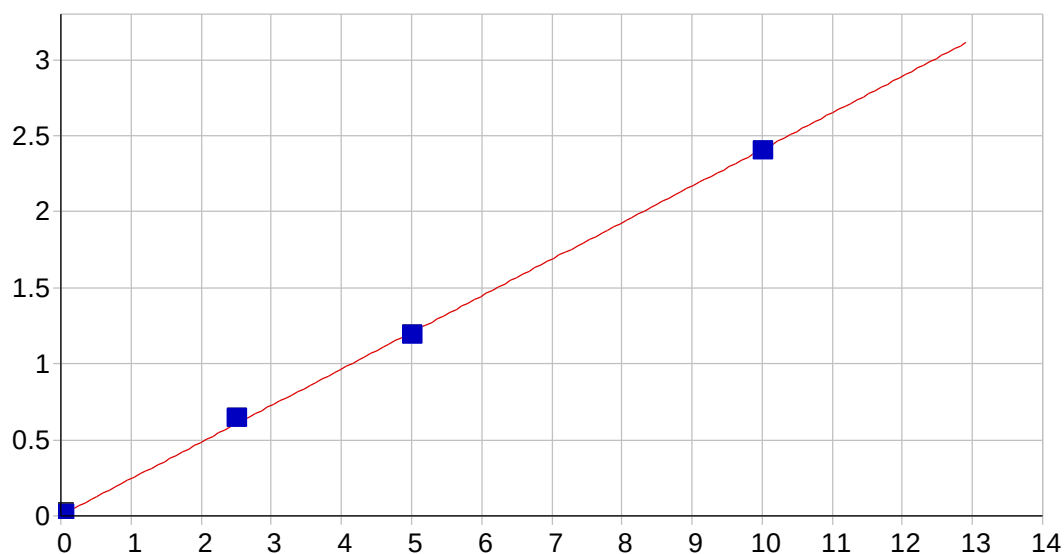
Date of Fit: 6/13/2017 18:05:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000434 Re-Slope: 1.000000  
 A1 (Gain): 0.074706 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999739 Status: OK.  
 Std Error of Est: 0.000041  
 Predicted MDL: 0.002520  
 Predicted MQL: 0.008401

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00043 | .000    | 1        |
| S1        | .02000       | .01922      | -.001      | -3.90   | .00183 | .000    | 1        |
| S3        | 2.5000       | 2.5443      | .044       | 1.77    | .19014 | .001    | 1        |
| S4        | 5.0000       | 4.8206      | -.179      | -3.59   | .35982 | .001    | 1        |
| S5        | 10.000       | 10.136      | .136       | 1.36    | .75616 | .000    | 1        |





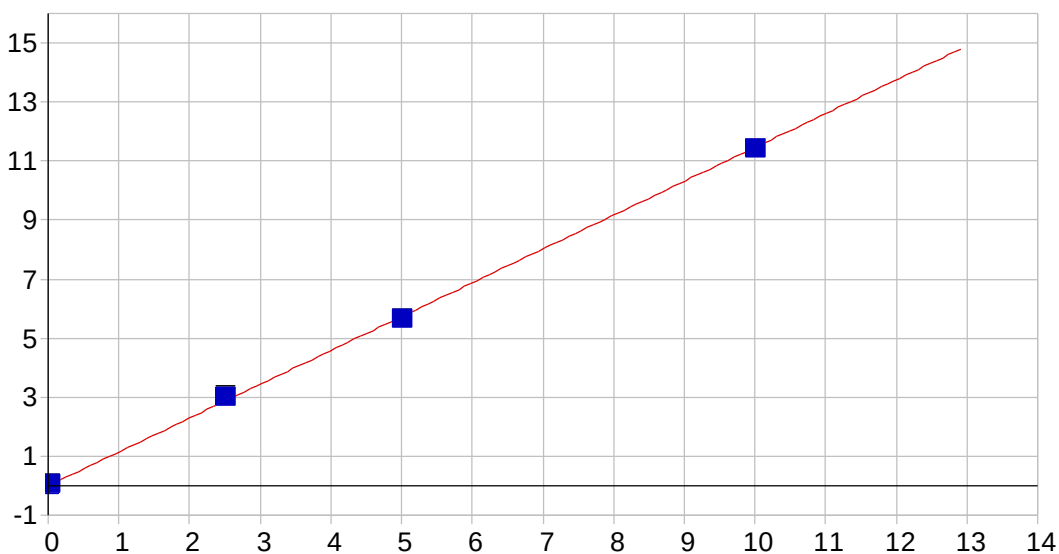


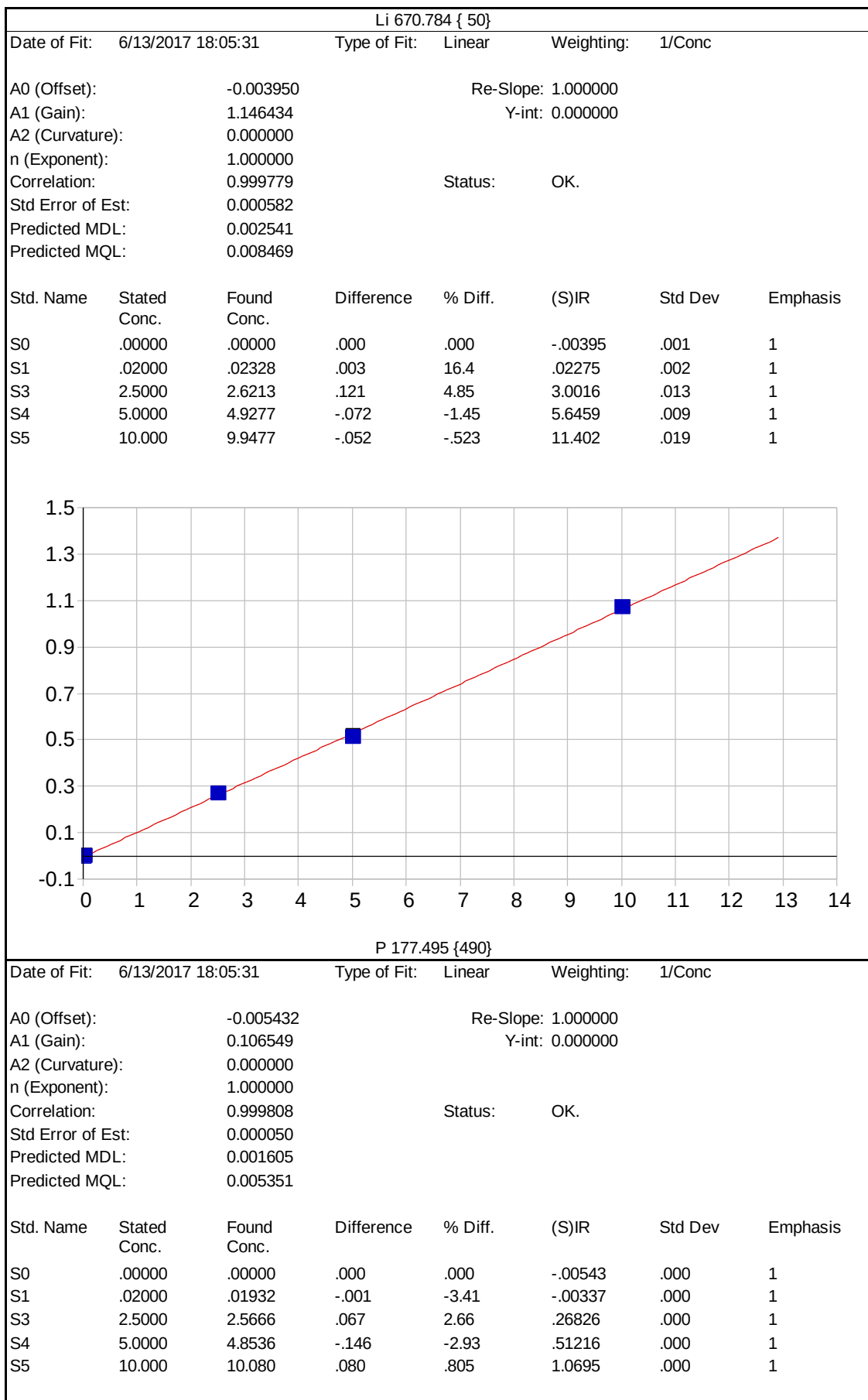
Ti 336.121 {100}

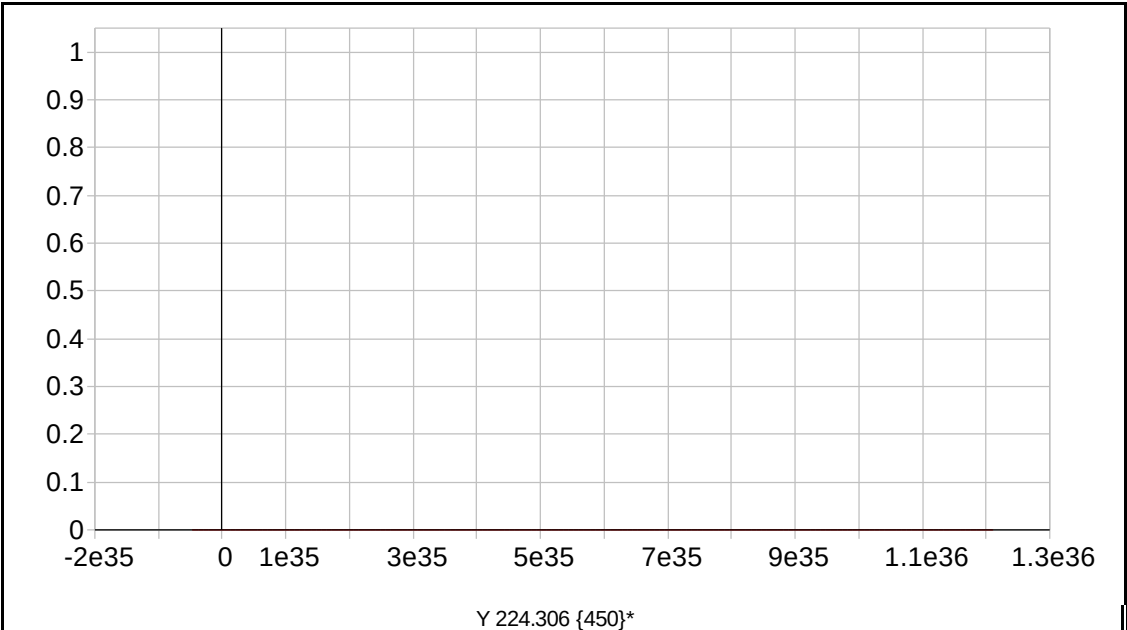
Date of Fit: 6/13/2017 18:05:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002694 Re-Slope: 1.000000  
 A1 (Gain): 0.240717 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999749 Status: OK.  
 Std Error of Est: 0.000184  
 Predicted MDL: 0.002867  
 Predicted MQL: 0.009555

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00269 | .000    | 1        |
| S1        | .04000       | .04084      | .001       | 2.10    | .01252 | .001    | 1        |
| S3        | 2.5000       | 2.6343      | .134       | 5.37    | .63654 | .002    | 1        |
| S4        | 5.0000       | 4.9216      | -.078      | -1.57   | 1.1869 | .001    | 1        |
| S5        | 10.000       | 9.9432      | -.057      | -.568   | 2.3951 | .003    | 1        |

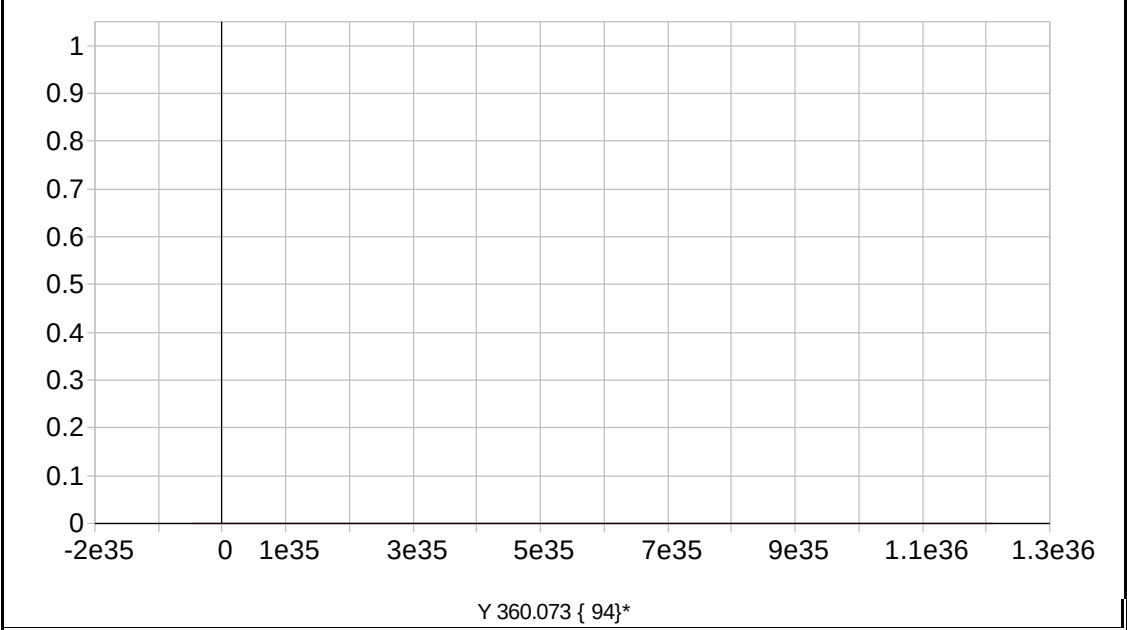






Y 224.306 {450}\*  
Date of Fit: <not fit>      Type of Fit: Linear      Weighting: 1/Conc  
A0 (Offset): 0.000000      Re-Slope: 1.000000  
A1 (Gain): 0.000000      Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.000000      Status: Warning      Zero Gain  
Std Error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

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



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



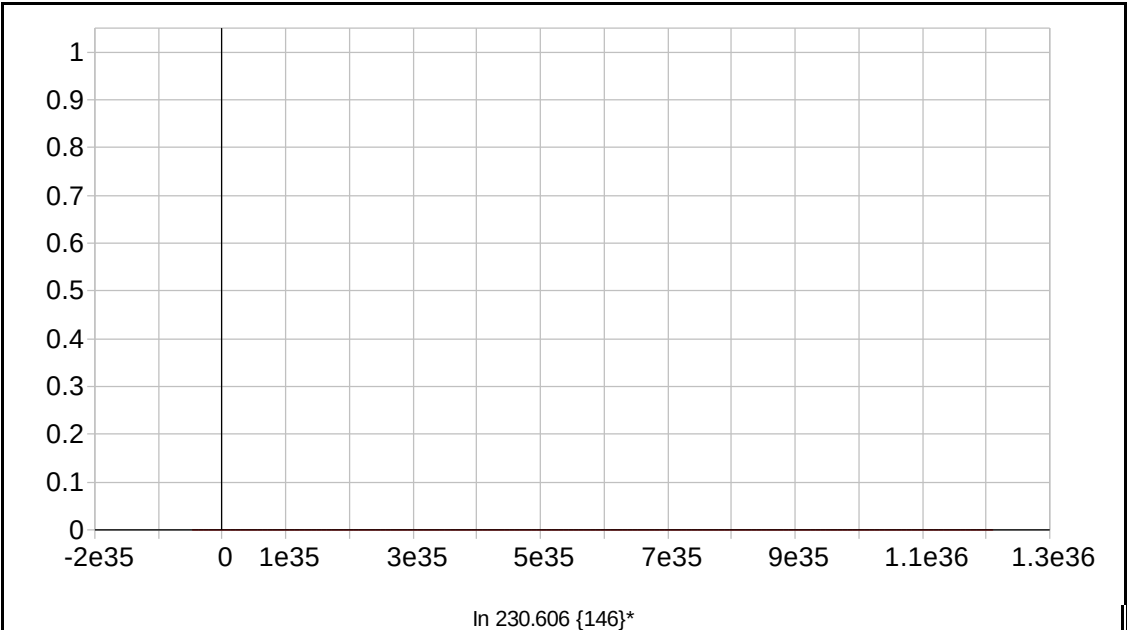
Status:      Warning      Zero Gain

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

Re-Slope: 1.000000  
Y-int: 0.000000

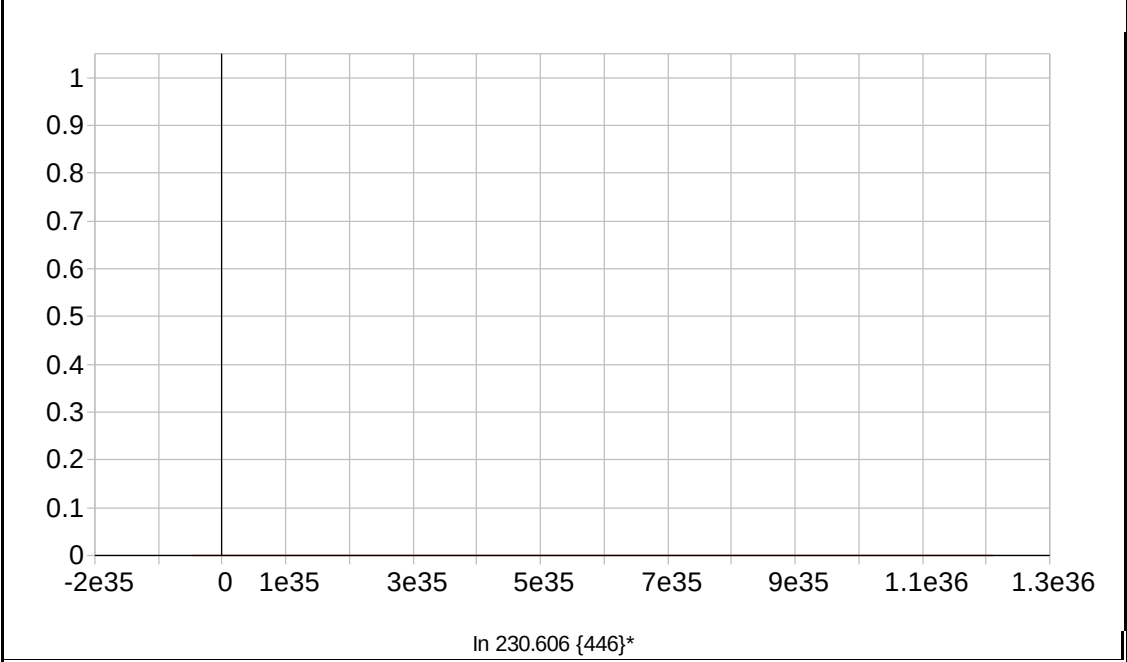
Status:      Warning      Zero Gain

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



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

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

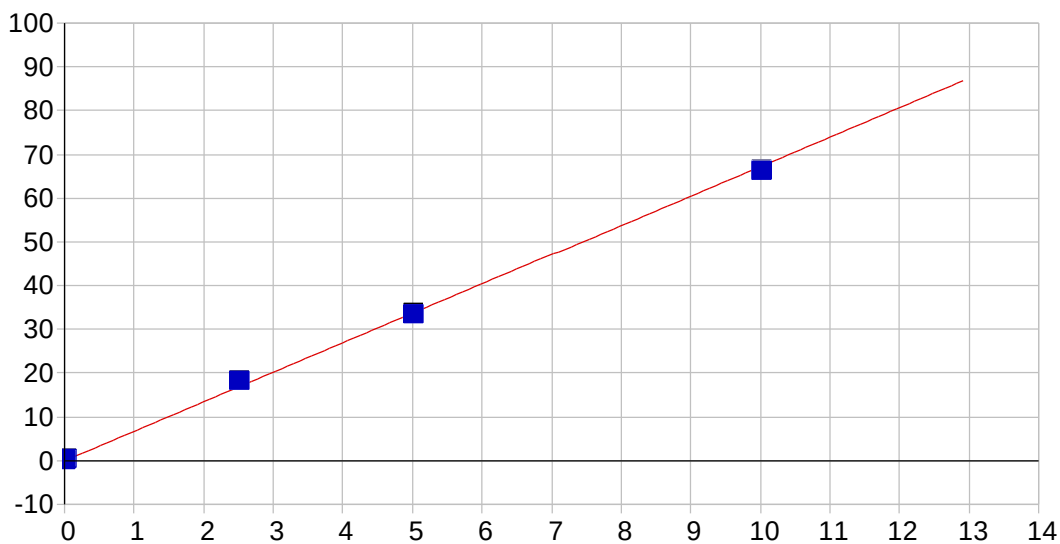


|              |           |              |          |            |        |
|--------------|-----------|--------------|----------|------------|--------|
| Date of Fit: | <not fit> | Type of Fit: | Linear   | Weighting: | 1/Conc |
| A0 (Offset): | 0.000000  | Re-Slope:    | 1.000000 |            |  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

A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.000000  
 Std Error of Est: 0.000000  
 Predicted MDL: n/a  
 Predicted MQL: n/a

Status: Warning Zero Gain

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



Sr 407.771 { 83}

Date of Fit: 6/13/2017 18:05:31

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.005664  
 A1 (Gain): 6.723726  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999558  
 Std Error of Est: 0.004831  
 Predicted MDL: 0.000179  
 Predicted MQL: 0.000598

Re-Slope: 1.000000  
 Y-int: 0.000000

Status: OK.

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00569 | .001    | 1        |
| S1        | .02000       | .02210      | .002       | 10.5    | .14291  | .001    | 1        |
| S3        | 2.5000       | 2.6787      | .179       | 7.15    | 18.011  | .025    | 1        |
| S4        | 5.0000       | 4.9726      | -.027      | -.548   | 33.440  | .036    | 1        |
| S5        | 10.000       | 9.8466      | -.153      | -1.53   | 66.222  | .234    | 1        |

Sample Name: S0      Acquired: 6/13/2017 11:08:49      Type: Cal  
Method: P4-ICP2(v2054)      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    | .00074 | .00074 | .00063 | .00025 | .00035 | .00001 | .03400 | .00003 |
| Stddev | .00010 | .00021 | .00003 | .00010 | .00005 | .00003 | .00206 | .00000 |
| %RSD   | 13.384 | 28.759 | 5.2814 | 41.606 | 13.277 | 263.05 | 6.0700 | 4.7542 |

|    |         |         |        |        |        |         |        |        |
|----|---------|---------|--------|--------|--------|---------|--------|--------|
| #1 | -.00067 | -.00059 | .00066 | .00018 | .00031 | .00001  | .03546 | .00003 |
| #2 | -.00081 | -.00089 | .00061 | .00033 | .00038 | -.00003 | .03254 | .00003 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .00056 | .00109 | .00003 | .00139 | .00008 | .01383 | .00025 | .00006 |
| Stddev | .00016 | .00035 | .00001 | .00030 | .00004 | .01963 | .00001 | .00024 |
| %RSD   | 28.510 | 32.368 | 38.995 | 21.705 | 44.728 | 141.92 | 2.8075 | 412.67 |

|    |         |        |        |        |        |         |        |         |
|----|---------|--------|--------|--------|--------|---------|--------|---------|
| #1 | -.00067 | .00084 | .00004 | .00118 | .00005 | .02771  | .00025 | .00022  |
| #2 | -.00045 | .00134 | .00002 | .00161 | .00010 | -.00005 | .00026 | -.00011 |

|        |        |        |        |         |        |         |        |         |
|--------|--------|--------|--------|---------|--------|---------|--------|---------|
| 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    | .00034 | .00006 | .01408 | .00024  | .10975 | .00123  | .00011 | .00042  |
| Stddev | .00046 | .00003 | .00161 | .00003  | .00157 | .00083  | .00010 | .00025  |
| %RSD   | 136.04 | 59.464 | 11.466 | 11.833  | 1.4350 | 67.500  | 83.069 | 60.184  |

|    |        |         |        |         |        |         |        |        |
|----|--------|---------|--------|---------|--------|---------|--------|--------|
| #1 | .00001 | -.00003 | .01294 | -.00022 | .10864 | -.00064 | .00005 | .00024 |
| #2 | .00066 | -.00008 | .01522 | -.00026 | .11087 | -.00182 | .00018 | .00060 |

|        |         |        |        |        |        |         |        |  |
|--------|---------|--------|--------|--------|--------|---------|--------|--|
| Elem   | S_ 1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_ 1774 | Sr4077 |  |
| Units  | Cts/S   | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S   | Cts/S  |  |
| Avg    | .00043  | .06216 | .00028 | .00269 | .00395 | .0054   | .00569 |  |
| Stddev | .00015  | .00026 | .00005 | .00020 | .00135 | .0001   | .00061 |  |
| %RSD   | 33.870  | .41341 | 16.693 | 7.3548 | 34.210 | 1.964   | 10.718 |  |

|    |        |        |        |        |         |        |         |  |
|----|--------|--------|--------|--------|---------|--------|---------|--|
| #1 | .00033 | .06198 | .00031 | .00255 | -.00491 | -.0054 | -.00612 |  |
| #2 | .00054 | .06235 | .00024 | .00283 | -.00300 | -.0055 | -.00525 |  |

Sample Name: S0      Acquired: 6/13/2017 11:08:49      Type: Cal  
Method: P4-ICP2(v2054)      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       | 1138.3  | 79754.  | 1445.5  | 31.153 | 1348.8 |
| Stddev    | 6.7     | 142.    | 23.1    | 1.799  | 6.3    |
| %RSD      | .16257  | .17834  | .51987  | 1.9740 | .14474 |
| #1        | 4133.6  | 79855.  | 4429.1  | 89.880 | 4344.3 |
| #2        | 4143.1  | 79654.  | 4461.8  | 92.425 | 4353.2 |

Sample Name: S1      Acquired: 6/13/2017 11:13:05      Type: Cal  
Method: P4-ICP2(v2054)      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    | .00130 | .00275 | .00323 | .00189 | .00718 | .00037 | .46260 | .00525 | .01738 |
| Stddev | .00004 | .00005 | .00019 | .00010 | .00021 | .00002 | .00127 | .00001 | .00001 |
| %RSD   | 3.4477 | 1.7076 | 5.7870 | 5.5510 | 2.8724 | 6.5078 | .27408 | .25321 | .06237 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00126 | .00278 | .00337 | .00182 | .00733 | .00039 | .46349 | .00524 | .01739 |
| #2 | .00133 | .00271 | .00310 | .00196 | .00704 | .00035 | .46170 | .00526 | .01738 |

|        |        |        |        |        |        |        |        |         |        |
|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|
| 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    | .00109 | .03504 | .01094 | .15224 | .01522 | .02256 | .00174 | .00608  | 5.4486 |
| Stddev | .00005 | .00000 | .00006 | .00957 | .00013 | .00017 | .00005 | .00007  | .0342  |
| %RSD   | 4.1947 | .00321 | .58913 | 6.2861 | .83983 | .73502 | 2.8176 | 1.1488  | .62700 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00106 | .03504 | .01090 | .14547 | .01531 | .02268 | .00171 | .00613 | 5.4245 |
| #2 | .00112 | .03504 | .01099 | .15901 | .01513 | .02244 | .00178 | .00603 | 5.4728 |

|        |        |         |         |        |        |        |        |         |        |
|--------|--------|---------|---------|--------|--------|--------|--------|---------|--------|
| 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    | .18022 | .00326  | .00183  | .27052 | .00890 | .01252 | .02275 | .0034   | .14291 |
| Stddev | .00032 | .00024  | .00001  | .00173 | .00008 | .00064 | .00215 | .0000   | .00091 |
| %RSD   | .17773 | 7.3955  | .35816  | .63859 | .91190 | 5.1488 | 9.4716 | 1.217   | .63941 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .18045 | .00309 | .00182 | .26930 | .00884 | .01297 | .02427 | -.0033 | .14355 |
| #2 | .17999 | .00343 | .00183 | .27174 | .00896 | .01206 | .02122 | -.0034 | .14226 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4105.3  | 79547.  | 4460.6  | 91.828 | 4362.6 |
| Stddev    | 7.5     | 123.    | 31.6    | 1.064  | .5     |
| %RSD      | .18310  | .15435  | .70925  | 1.1591 | .01084 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 4100.0 | 79460. | 4483.0 | 92.581 | 4362.2 |
| #2 | 4110.6 | 79634. | 4438.3 | 91.076 | 4362.9 |

Sample Name: S2      Acquired: 6/13/2017 11:17:19      Type: Cal  
Method: P4-ICP2(v2054)      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    | .10416 | .02569 | .41031 | .20885  |
| Stddev | .00046 | .00019 | .00149 | .00189  |
| %RSD   | .43884 | .72202 | .36383 | .90676  |

|    |        |        |        |        |
|----|--------|--------|--------|--------|
| #1 | .10448 | .02582 | .40926 | .21019 |
| #2 | .10384 | .02556 | .41137 | .20751 |

|           |         |
|-----------|---------|
| Int. Std. | Y_ 3710 |
| Units     | Cts/S   |
| Avg       | 4530.1  |
| Stddev    | 30.1    |
| %RSD      | .66454  |

|    |        |
|----|--------|
| #1 | 4508.8 |
| #2 | 4551.4 |

Sample Name: S3      Acquired: 6/13/2017 11:21:21      Type: Cal  
Method: P4-ICP2(v2054)      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    | .24972 | .24196 | .63181 | .22334 | .36049 | .01961 | .22.377 | .11177 | 3.8064 |
| Stddev | .00067 | .00050 | .00142 | .00015 | .00046 | .00012 | .050    | .00042 | .0044  |
| %RSD   | .26671 | .20635 | .22542 | .06571 | .12652 | .60764 | .22331  | .37319 | .11524 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .25019 | .24232 | .63282 | .22324 | .36017 | .01953 | 22.342 | .11147 | 3.8095 |
| #2 | .24925 | .24161 | .63080 | .22345 | .36081 | .01970 | 22.413 | .11206 | 3.8033 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .57607 | .04999 | 1.4560 | .32308 | 3.5982 | .94500 | .15597 | .71153 | .12171 |
| Stddev | .00238 | .00011 | .0003  | .00003 | .0134  | .00091 | .00065 | .00120 | .00020 |
| %RSD   | .41395 | .21079 | .02223 | .01006 | .37333 | .09583 | .41611 | .16878 | .16797 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .57438 | .05006 | 1.4562 | .32310 | 3.6077 | .94436 | .15551 | .71238 | .12186 |
| #2 | .57775 | .04991 | 1.4557 | .32306 | 3.5887 | .94564 | .15643 | .71068 | .12157 |

|        |        |         |        |         |        |         |         |        |        |
|--------|--------|---------|--------|---------|--------|---------|---------|--------|--------|
| 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    | 2.4111 | .21216  | 171.59 | 1.2898  | 2.2678 | .08396  | .19014  | 1.5365 | .56230 |
| Stddev | .0026  | .00002  | .08    | .0006   | .0002  | .00068  | .00073  | .0073  | .00017 |
| %RSD   | .10654 | .00965  | .04475 | .04772  | .00938 | .80700  | .38481  | .47677 | .03032 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.4093 | .21215 | 171.64 | 1.2894 | 2.2679 | .08349 | .18962 | 1.5417 | .56218 |
| #2 | 2.4129 | .21218 | 171.53 | 1.2903 | 2.2676 | .08444 | .19066 | 1.5314 | .56242 |

|        |        |        |         |        |
|--------|--------|--------|---------|--------|
| Elem   | Ti3361 | Li6707 | P_ 1774 | Sr4077 |
| Units  | Cts/S  | Cts/S  | Cts/S   | Cts/S  |
| Avg    | .63654 | 3.0016 | .2683   | 18.011 |
| Stddev | .00184 | .0133  | .0001   | .025   |
| %RSD   | .28952 | .44382 | .0233   | .14104 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .63524 | 2.9922 | .2682 | 18.029 |
| #2 | .63784 | 3.0110 | .2683 | 17.993 |



Sample Name: S3      Acquired: 6/13/2017 11:21:21      Type: Cal  
Method: P4-ICP2(v2054)      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       | 4025.4  | 78579.  | 4425.5  | 90.293 | 4231.6 |
| Stddev    | 2.8     | 169.    | 13.4    | .113   | 9.6    |
| %RSD      | .06840  | .21460  | .30212  | .12460 | .22777 |
| #1        | 4023.5  | 78699.  | 4434.9  | 90.214 | 4224.7 |
| #2        | 4027.4  | 78460.  | 4416.0  | 90.373 | 4238.4 |

Sample Name: S4      Acquired: 6/13/2017 11:25:15      Type: Cal  
Method: P4-ICP2(v2054)      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    | .46935 | .46135 | 1.1873 | .42026 | .68373 | .03683 | 12.402 | .20875 | 7.1544 |
| Stddev | .00040 | .00066 | .0014  | .00107 | .00009 | .00025 | .065   | .00063 | .0011  |
| %RSD   | .08439 | .14266 | .12024 | .25492 | .01327 | .67489 | .15314 | .30074 | .01512 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .46907 | .46088 | 1.1883 | .41950 | .68367 | .03665 | 42.356 | .20920 | 7.1552 |
| #2 | .46963 | .46182 | 1.1863 | .42101 | .68380 | .03700 | 42.448 | .20831 | 7.1536 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 1.0668 | .09275 | 2.7329 | .60190 | 3.5945 | 1.7563 | .28957 | 1.3271 | .23039 |
| Stddev | .0014  | .00008 | .0026  | .00100 | .0393  | .0063  | .00132 | .0011  | .00005 |
| %RSD   | .12738 | .08683 | .09664 | .16603 | .59636 | .36182 | .45623 | .08349 | .02026 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.0677 | .09280 | 2.7348 | .60119 | 6.5667 | 1.7518 | .29050 | 1.3263 | .23042 |
| #2 | 1.0658 | .09269 | 2.7310 | .60260 | 6.6223 | 1.7607 | .28863 | 1.3279 | .23036 |

|        |        |         |        |         |        |         |         |        |        |
|--------|--------|---------|--------|---------|--------|---------|---------|--------|--------|
| 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    | 1.5054 | .39840  | 315.76 | 2.4364  | 1.2394 | .16050  | .35982  | 2.7975 | 1.0502 |
| Stddev | .0018  | .00203  | 2.58   | .0026   | .0092  | .00003  | .00138  | .0032  | .0021  |
| %RSD   | .04083 | .50829  | .81592 | .10732  | .21703 | .01678  | .38453  | .11394 | .19889 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 4.5041 | .39697 | 313.93 | 2.4345 | 4.2329 | .16052 | .35884 | 2.7998 | 1.0487 |
| #2 | 4.5067 | .39984 | 317.58 | 2.4382 | 4.2459 | .16049 | .36080 | 2.7953 | 1.0517 |

|        |        |        |         |        |
|--------|--------|--------|---------|--------|
| Elem   | Ti3361 | Li6707 | P_ 1774 | Sr4077 |
| Units  | Cts/S  | Cts/S  | Cts/S   | Cts/S  |
| Avg    | 1.1869 | 5.6459 | .5122   | 33.440 |
| Stddev | .0011  | .0094  | .0002   | .036   |
| %RSD   | .09537 | .16602 | .0483   | .10691 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 1.1877 | 5.6393 | .5120 | 33.414 |
| #2 | 1.1861 | 5.6526 | .5123 | 33.465 |

Sample Name: S4      Acquired: 6/13/2017 11:25:15      Type: Cal  
Method: P4-ICP2(v2054)      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       | 1061.3  | 79299.  | 4448.7  | 91.660 | 4243.4 |
| Stddev    | 9.0     | 234.    | 19.9    | .344   | 14.6   |
| %RSD      | .22257  | .29500  | .44733  | .37514 | .34296 |
| #1        | 4054.9  | 79133.  | 4434.6  | 91.903 | 4233.1 |
| #2        | 4067.7  | 79464.  | 4462.7  | 91.417 | 4253.7 |

Sample Name: S5      Acquired: 6/13/2017 11:29:11      Type: Cal  
Method: P4-ICP2(v2054)      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    | .95553 | .95934 | 2.4549 | .85086 | 1.4032 | .07511 | 34.178 | .41808 | 14.684 |
| Stddev | .00302 | .00048 | .0003  | .00104 | .0032  | .00019 | .191   | .00056 | .006   |
| %RSD   | .31596 | .05029 | .01075 | .12267 | .23116 | .25638 | .22697 | .13424 | .03808 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .95767 | .95900 | 2.4551 | .85160 | 1.4055 | .07498 | 84.313 | .41768 | 14.680 |
| #2 | .95340 | .95968 | 2.4547 | .85012 | 1.4009 | .07525 | 84.043 | .41848 | 14.688 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 2.1325 | .18532 | 5.6659 | 1.2105 | 13.756 | 3.4437 | .57988 | 2.7242 | .47138 |
| Stddev | .0030  | .00011 | .0037  | .0018  | .381   | .0259  | .00390 | .0002  | .00040 |
| %RSD   | .14110 | .05865 | .06468 | .15052 | 2.7732 | .75187 | .67316 | .00588 | .08489 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.1346 | .18524 | 5.6633 | 1.2117 | 13.486 | 3.4254 | .57712 | 2.7241 | .47110 |
| #2 | 2.1304 | .18540 | 5.6685 | 1.2092 | 14.026 | 3.4620 | .58264 | 2.7243 | .47167 |

|        |        |         |        |         |        |         |         |        |        |
|--------|--------|---------|--------|---------|--------|---------|---------|--------|--------|
| 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    | 9.0734 | .80765  | 644.51 | 4.9401  | 3.6260 | .32204  | .75616  | 5.3485 | 2.1652 |
| Stddev | .0119  | .00175  | 17.59  | .0208   | .0175  | .00040  | .00004  | .0044  | .0001  |
| %RSD   | .13143 | .21684  | 2.7291 | .42024  | .20302 | .12423  | .00507  | .08196 | .00635 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 9.0818 | .80642 | 632.07 | 4.9548 | 8.6384 | .32176 | .75619 | 5.3454 | 2.1653 |
| #2 | 9.0650 | .80889 | 656.94 | 4.9254 | 8.6136 | .32232 | .75614 | 5.3516 | 2.1651 |

|        |        |        |         |        |
|--------|--------|--------|---------|--------|
| Elem   | Ti3361 | Li6707 | P_ 1774 | Sr4077 |
| Units  | Cts/S  | Cts/S  | Cts/S   | Cts/S  |
| Avg    | 2.3951 | 11.402 | 1.070   | 66.222 |
| Stddev | .0028  | .019   | .000    | .234   |
| %RSD   | .11585 | .16362 | .0107   | .35396 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 2.3971 | 11.415 | 1.070 | 66.388 |
| #2 | 2.3931 | 11.389 | 1.069 | 66.057 |

Sample Name: S5      Acquired: 6/13/2017 11:29:11      Type: Cal  
Method: P4-ICP2(v2054)      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       | 3972.7  | 79034.  | 4448.5  | 38.312 | 4069.7 |
| Stddev    | 23.4    | 10.     | 10.6    | 2.124  | 14.2   |
| %RSD      | .58895  | .01268  | .23780  | 2.4050 | .34985 |
| #1        | 3956.1  | 79027.  | 4441.0  | 89.814 | 4059.6 |
| #2        | 3989.2  | 79041.  | 4456.0  | 86.811 | 4079.8 |

Sample Name: ICV01      Acquired: 6/13/2017 11:33:24      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: ICV01      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |         |        |         |        |
|--------|--------|--------|--------|--------|---------|--------|---------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068  | Al3961 | Ba4934  | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm     | ppm    | ppm     | ppm    |
| Avg    | 1.0134 | 1.0046 | .99505 | 1.0017 | .97821  | 2.5796 | .51695  | .49537 |
| Stddev | .0025  | .0010  | .00123 | .0005  | .00236  | .0009  | .00064  | .00039 |
| %RSD   | .24931 | .09987 | .12370 | .05340 | .24081  | .03407 | .12390  | .07943 |
| #1     | 1.0116 | 1.0053 | .99592 | 1.0013 | .97655  | 2.5802 | .51741  | .49565 |
| #2     | 1.0152 | 1.0039 | .99418 | 1.0021 | .97988  | 2.5790 | .51650  | .49509 |
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247  | Fe2404 | Mn2576  | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm     | ppm    | ppm     | ppm    |
| Avg    | .49952 | 10.213 | .50892 | .50584 | .51875  | 5.1216 | .52001  | 3.0116 |
| Stddev | .00028 | .036   | .00335 | .00154 | .00060  | .0409  | .00093  | .0178  |
| %RSD   | .05686 | .35422 | .65806 | .30471 | .11611  | .79941 | .17791  | .29614 |
| #1     | .49973 | 10.187 | .50655 | .50693 | .51833  | 5.1505 | .51936  | 5.9990 |
| #2     | .49932 | 10.238 | .51129 | .50475 | .51918  | 5.0926 | .52067  | 6.0242 |
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138  | K_7664 | Mo2020  | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm     | ppm    | ppm     | ppm    |
| Avg    | .50902 | .49745 | 10.132 | .50368 | 1.0323  | 10.102 | 2.5755  | 2.5878 |
| Stddev | .00172 | .00054 | .010   | .00061 | .0064   | .023   | .0020   | .0040  |
| %RSD   | .33887 | .10767 | .09713 | .12152 | .61971  | .22983 | .07591  | .15358 |
| #1     | .51024 | .49783 | 10.139 | .50325 | 1.0368  | 10.118 | 2.5741  | 2.5850 |
| #2     | .50780 | .49707 | 10.125 | .50411 | 1.0277  | 10.085 | 2.5769  | 2.5906 |
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707  | P_1774 | Sr4077  |        |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm     | ppm    | ppm     |        |
| Avg    | 2.3177 | 2.4728 | 2.5539 | 2.5743 | F.00557 | F.0022 | F.01130 |        |
| Stddev | .0006  | .0013  | .0036  | .0085  | .00051  | .0019  | .00003  |        |
| %RSD   | .02536 | .05039 | .13900 | .32955 | 9.0906  | 88.03  | .28837  |        |
| #1     | 2.3181 | 2.4719 | 2.5565 | 2.5683 | .00521  | .0008  | .01132  |        |
| #2     | 2.3173 | 2.4737 | 2.5514 | 2.5803 | .00593  | .0035  | .01128  |        |

Sample Name: ICV01      Acquired: 6/13/2017 11:33:24      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: ICV01      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4094.5  | 30304.  | 4510.4  | 30.920 | 4334.7 |
| Stddev    | 4.5     | 203.    | 16.2    | .568   | 7.6    |
| %RSD      | .10958  | .25331  | .35826  | .62457 | .17453 |
| #1        | 4097.6  | 80160.  | 4499.0  | 90.519 | 4329.4 |
| #2        | 4091.3  | 80448.  | 4521.9  | 91.322 | 4340.1 |

Sample Name: LLICV01      Acquired: 6/13/2017 11:37:20      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: LLICV01      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02263 | .03655 | .01086 | .02019 | .04884 | .11119 | .10244 | .00621 | .00621 |
| Stddev | .00207 | .00011 | .00034 | .00018 | .00186 | .01353 | .00000 | .00009 | .00003 |
| %RSD   | 9.1538 | .31018 | 3.1002 | .88527 | 3.8163 | 12.170 | .00325 | 1.3732 | .44457 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .02117 | .03647 | .01110 | .02032 | .05016 | .10162 | .10244 | .00627 | .00619 |
| #2 | .02410 | .03663 | .01062 | .02007 | .04752 | .12076 | .10243 | .00615 | .00623 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.0087 | .01055 | .03018 | .02179 | .10201 | .02148 | 2.0404 | .04099 | .01023 |
| Stddev | .0080  | .00091 | .00028 | .00008 | .01756 | .00007 | .0562  | .00056 | .00000 |
| %RSD   | .39998 | 8.6618 | .92316 | .36534 | 17.209 | .30807 | 2.7553 | 1.3627 | .02391 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.0030 | .00991 | .03038 | .02185 | .11443 | .02143 | 2.0007 | .04060 | .01023 |
| #2 | 2.0144 | .01120 | .02998 | .02173 | .08960 | .02153 | 2.0802 | .04139 | .01023 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.0013 | .04041 | .04091 | 2.0355 | .21538 | .12175 | .02009 | .39316 | .04507 |
| Stddev | .0149  | .00023 | .00086 | .0056  | .00018 | .00252 | .00277 | .00197 | .00152 |
| %RSD   | .74250 | .56244 | 2.1030 | .27590 | .08259 | 2.0692 | 13.807 | .50054 | 3.3757 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.9908 | .04057 | .04151 | 2.0395 | .21550 | .11997 | .02205 | .39455 | .04615 |
| #2 | 2.0118 | .04025 | .04030 | 2.0316 | .21525 | .12353 | .01813 | .39176 | .04400 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | .04097 | .02198 | .0228  | .02241 |
| Stddev | .00222 | .00005 | .0004  | .00015 |
| %RSD   | 5.4295 | .23069 | 1.661  | .67759 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .04254 | .02194 | .0231 | .02230 |
| #2 | .03940 | .02202 | .0226 | .02251 |



Sample Name: LLICV01      Acquired: 6/13/2017 11:37:20      Type: Unk  
 Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: LLICV01      Custom ID2:      Custom ID3:  
 Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4096.5  | 79347.  | 4460.7  | 93.117 | 4363.1 |
| Stddev    | 3.0     | 93.     | .3      | 1.722  | 5.8    |
| %RSD      | .07410  | .11693  | .00634  | 1.8495 | .13290 |
| #1        | 4098.6  | 79281.  | 4460.9  | 91.899 | 4367.2 |
| #2        | 4094.3  | 79412.  | 4460.5  | 94.335 | 4359.0 |

Sample Name: ICB01      Acquired: 6/13/2017 11:41:28      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: ICB01      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00271 | .00021 | .00127 | .00013 | .00050 | .00132 | .00022 | .00003 |
| Stddev | .00140 | .00076 | .00028 | .00207 | .00035 | .00085 | .00003 | .00006 |
| %RSD   | 51.587 | 370.37 | 22.019 | 1544.7 | 71.612 | 64.699 | 13.776 | 210.90 |

|    |        |         |         |         |         |         |        |         |
|----|--------|---------|---------|---------|---------|---------|--------|---------|
| #1 | .00172 | -.00075 | -.00147 | .00133  | -.00024 | -.00192 | .00020 | .00001  |
| #2 | .00369 | .00033  | -.00107 | -.00160 | -.00075 | -.00072 | .00024 | -.00007 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00001 | .00878 | .00046 | .00017 | .00009 | .00458 | .00009 | .02416 |
| Stddev | .00003 | .00648 | .00033 | .00017 | .00013 | .00551 | .00000 | .03777 |
| %RSD   | 198.70 | 73.821 | 71.834 | 102.71 | 142.32 | 120.16 | 1.6582 | 156.36 |

|    |         |         |        |        |         |        |         |         |
|----|---------|---------|--------|--------|---------|--------|---------|---------|
| #1 | -.00001 | -.00420 | .00022 | .00029 | -.00018 | .00069 | -.00009 | -.05087 |
| #2 | .00003  | -.01336 | .00069 | .00005 | .00000  | .00848 | -.00009 | .00255  |

|        |        |        |        |         |        |        |        |        |
|--------|--------|--------|--------|---------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924  | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00044 | .00021 | .01166 | .00000  | .00018 | .01093 | .00146 | .01440 |
| Stddev | .00048 | .00012 | .00076 | .00030  | .00001 | .04246 | .00053 | .00345 |
| %RSD   | 107.87 | 54.892 | 6.5565 | 105450. | 3.3262 | 388.45 | 35.982 | 23.973 |

|    |         |        |         |         |         |         |        |        |
|----|---------|--------|---------|---------|---------|---------|--------|--------|
| #1 | -.00078 | .00013 | -.01220 | -.00021 | -.00017 | -.01909 | .00183 | .01684 |
| #2 | -.00010 | .00029 | -.01112 | .00021  | -.00018 | .04095  | .00109 | .01196 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .00098 | .00008 | .00177 | .00135 | .00283 | .0003  | .00001 |  |
| Stddev | .00095 | .00061 | .00019 | .00028 | .00031 | .0002  | .00000 |  |
| %RSD   | 97.145 | 767.76 | 10.548 | 20.983 | 11.111 | 56.96  | 30.758 |  |

|    |         |         |        |        |        |       |         |  |
|----|---------|---------|--------|--------|--------|-------|---------|--|
| #1 | -.00031 | -.00035 | .00164 | .00154 | .00261 | .0002 | -.00001 |  |
| #2 | -.00166 | .00051  | .00191 | .00115 | .00305 | .0004 | -.00002 |  |

Sample Name: ICB01      Acquired: 6/13/2017 11:41:28      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: ICB01      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4093.9  | 79250.  | 4468.4  | 91.288 | 4321.8 |
| Stddev    | 5.3     | 152.    | 18.7    | .790   | .5     |
| %RSD      | .12924  | .19182  | .41936  | .86496 | .01164 |
| #1        | 4097.7  | 79143.  | 4455.1  | 90.730 | 4322.2 |
| #2        | 4090.2  | 79358.  | 4481.6  | 91.846 | 4321.5 |

Sample Name: CRI01      Acquired: 6/13/2017 11:45:40      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CRI01      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02397 | .03726 | .01125 | .02226 | .04893 | .11745 | .10148 | .00621 | .00620 |
| Stddev | .00056 | .00159 | .00037 | .00078 | .00115 | .02593 | .00034 | .00012 | .00005 |
| %RSD   | 2.3329 | 4.2686 | 3.3285 | 3.5183 | 2.3600 | 22.080 | .33023 | 1.9381 | .85046 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .02437 | .03839 | .01152 | .02281 | .04974 | .13579 | .10124 | .00612 | .00616 |
| #2 | .02358 | .03614 | .01099 | .02170 | .04811 | .09911 | .10172 | .00629 | .00623 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.9975 | .01088 | .03010 | .02128 | .09442 | .02136 | 2.0051 | .04090 | .00978 |
| Stddev | .0286  | .00007 | .00008 | .00037 | .00327 | .00012 | .0377  | .00018 | .00090 |
| %RSD   | 1.4305 | .61928 | .26947 | 1.7288 | 3.4610 | .56883 | 1.8818 | .43510 | 9.2153 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.0177 | .01092 | .03016 | .02154 | .09673 | .02145 | 2.0318 | .04103 | .01042 |
| #2 | 1.9773 | .01083 | .03005 | .02102 | .09211 | .02128 | 1.9784 | .04077 | .00914 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.9630 | .04041 | .04100 | 2.0024 | .21173 | .08976 | .01955 | .38304 | .04236 |
| Stddev | .0024  | .00010 | .00041 | .0021  | .00041 | .01399 | .00047 | .00062 | .00080 |
| %RSD   | .12068 | .23629 | 1.0115 | .10646 | .19148 | 15.584 | 2.3931 | .16147 | 1.8780 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.9646 | .04048 | .04071 | 2.0009 | .21145 | .07987 | .01989 | .38348 | .04180 |
| #2 | 1.9613 | .04034 | .04130 | 2.0039 | .21202 | .09965 | .01922 | .38260 | .04293 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | .04228 | .02190 | .0212  | .02228 |
| Stddev | .00054 | .00244 | .0013  | .00008 |
| %RSD   | 1.2804 | 11.153 | 6.165  | .35286 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .04266 | .02363 | .0202 | .02234 |
| #2 | .04190 | .02017 | .0221 | .02223 |

Sample Name: CRI01      Acquired: 6/13/2017 11:45:40      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CRI01      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4068.1  | 79133.  | 4472.4  | 91.672 | 4330.1 |
| Stddev    | 6.1     | 455.    | 3.2     | .526   | 11.6   |
| %RSD      | .14950  | .57452  | .07049  | .57325 | .26758 |
| #1        | 4063.8  | 79454.  | 4470.2  | 92.043 | 4321.9 |
| #2        | 4072.4  | 78811.  | 4474.7  | 91.300 | 4338.3 |

Sample Name: ICSA01      Acquired: 6/13/2017 11:54:50      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: ICSA01      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |         |        |        |        |        |         |
|--------|--------|--------|---------|--------|--------|--------|--------|---------|
| Elem   | As1890 | Tl1908 | Pb2203  | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348  |
| Units  | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | .00355 | .00404 | -.00458 | .00117 | .00010 | 262.13 | .00596 | -.00033 |
| Stddev | .00127 | .00166 | .00008  | .00307 | .00236 | .23    | .00049 | .00001  |
| %RSD   | 35.849 | 41.082 | 1.7471  | 263.41 | 2398.1 | .08681 | 8.2031 | 2.4163  |

|    |        |        |         |         |         |        |        |         |
|----|--------|--------|---------|---------|---------|--------|--------|---------|
| #1 | .00445 | .00522 | -.00463 | .00334  | -.00157 | 261.97 | .00630 | -.00034 |
| #2 | .00265 | .00287 | -.00452 | -.00101 | .00177  | 262.29 | .00561 | -.00033 |

|        |        |        |        |         |        |        |        |        |
|--------|--------|--------|--------|---------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286  | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00020 | 240.42 | .04536 | -.00059 | .00890 | 98.302 | .01171 | 251.27 |
| Stddev | .00016 | .46    | .00138 | .00010  | .00063 | .361   | .00005 | .85    |
| %RSD   | 79.976 | .19271 | 3.0453 | 17.779  | 7.0493 | .36707 | .45562 | .33999 |

|    |        |        |        |         |        |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|--------|
| #1 | .00009 | 240.10 | .04438 | -.00066 | .00934 | 98.557 | .01175 | 250.67 |
| #2 | .00031 | 240.75 | .04634 | -.00051 | .00845 | 98.047 | .01167 | 251.88 |

|        |        |        |        |        |        |        |        |         |
|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | .00137 | .00536 | .00533 | .00101 | .00103 | .01100 | .00039 | -.06235 |
| Stddev | .00016 | .00014 | .00340 | .00002 | .00007 | .03163 | .00010 | .01029  |
| %RSD   | 11.783 | 2.6888 | 63.730 | 1.8478 | 7.1735 | 287.39 | 26.352 | 16.500  |

|    |        |        |        |        |        |         |        |         |
|----|--------|--------|--------|--------|--------|---------|--------|---------|
| #1 | .00148 | .00526 | .00773 | .00100 | .00097 | .03337  | .00032 | -.05507 |
| #2 | .00125 | .00546 | .00293 | .00103 | .00108 | -.01136 | .00047 | -.06962 |

|        |         |         |        |         |        |        |        |
|--------|---------|---------|--------|---------|--------|--------|--------|
| Elem   | S_1820  | Si2881  | Sn1899 | Ti3361  | Li6707 | P_1774 | Sr4077 |
| Units  | ppm     | ppm     | ppm    | ppm     | ppm    | ppm    | ppm    |
| Avg    | -.01858 | -.00134 | .00063 | -.00015 | .00410 | .0046  | .08531 |
| Stddev | .00018  | .00154  | .00099 | .00002  | .00025 | .0002  | .00014 |
| %RSD   | .99224  | 114.40  | 155.76 | 14.317  | 6.0048 | 5.301  | .16912 |

|    |         |         |         |         |        |       |        |
|----|---------|---------|---------|---------|--------|-------|--------|
| #1 | -.01845 | -.00243 | .00133  | -.00017 | .00392 | .0044 | .08521 |
| #2 | -.01871 | -.00026 | -.00006 | -.00014 | .00427 | .0047 | .08541 |

Sample Name: ICSA01      Acquired: 6/13/2017 11:54:50      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: ICSA01      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 3757.4  | 74946.  | 4303.9  | 33.867 | 3933.4 |
| Stddev    | 1.9     | 90.     | 8.5     | .542   | 6.1    |
| %RSD      | .05128  | .12002  | .19820  | .64597 | .15494 |
| #1        | 3756.0  | 74882.  | 4297.9  | 83.484 | 3929.1 |
| #2        | 3758.7  | 75009.  | 4310.0  | 84.250 | 3937.7 |

Sample Name: ICSAB01      Acquired: 6/13/2017 12:03:41      Type: Unk  
Method: P4-ICP2(v2054)      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    | .10744 | .10100 | .04232 | .05528 | .61732 | 266.58 | .52677 |
| Stddev | .00284 | .00132 | .00194 | .00198 | .00153 | .35    | .00001 |
| %RSD   | 2.6409 | 1.3085 | 4.5798 | 3.5879 | .24827 | .13273 | .00181 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .10543 | .10007 | .04095 | .05668 | .61841 | 266.33 | .52677 |
| #2 | .10945 | .10194 | .04369 | .05388 | .61624 | 266.83 | .52676 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .52226 | .96860 | 242.13 | .54526 | .48470 | .50443 | 98.865 |
| Stddev | .00074 | .00007 | .18    | .00030 | .00102 | .00110 | .829   |
| %RSD   | .14187 | .00687 | .07406 | .05415 | .20976 | .21768 | .83805 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .52174 | .96864 | 242.01 | .54506 | .48398 | .50366 | 98.279 |
| #2 | .52278 | .96855 | 242.26 | .54547 | .48542 | .50521 | 99.451 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .52653 | 253.29 | .95753 | .22236 | .01487 | .50734 | 1.0224 |
| Stddev | .00051 | .12    | .00087 | .00019 | .00823 | .00056 | .0115  |
| %RSD   | .09653 | .04569 | .09063 | .08449 | 55.362 | .11086 | 1.1206 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .52689 | 253.20 | .95691 | .22223 | .00905 | .50774 | 1.0143 |
| #2 | .52617 | 253.37 | .95814 | .22250 | .02069 | .50694 | 1.0305 |

|        |        |          |          |        |          |          |          |
|--------|--------|----------|----------|--------|----------|----------|----------|
| Elem   | K_7664 | Mo2020   | B_2496   | S_1820 | Si2881   | Sn1899   | Ti3361   |
| Units  | ppm    | ppm      | ppm      | ppm    | ppm      | ppm      | ppm      |
| Avg    | .00549 | F .00051 | F .04718 | 1.0486 | F .00125 | F .00062 | F .00173 |
| Stddev | .00974 | .00003   | .01069   | .0003  | .00078   | .00149   | .00025   |
| %RSD   | 177.42 | 5.3202   | 22.655   | .02863 | 62.097   | 242.48   | 14.544   |

|    |         |         |         |        |        |         |         |
|----|---------|---------|---------|--------|--------|---------|---------|
| #1 | .01238  | -.00049 | -.05474 | 1.0489 | .00070 | -.00044 | -.00156 |
| #2 | -.00140 | -.00053 | -.03962 | 1.0484 | .00180 | .00167  | -.00191 |



Sample Name: ICSAB01      Acquired: 6/13/2017 12:03:41      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: ICSAB01      Custom ID2:      Custom ID3:  
Comment:

|        |         |        |         |
|--------|---------|--------|---------|
| Elem   | Li6707  | P_1774 | Sr4077  |
| Units  | ppm     | ppm    | ppm     |
| Avg    | F.00534 | F.0014 | F.08596 |
| Stddev | .00263  | .0008  | .00012  |
| %RSD   | 49.181  | 59.43  | .13418  |

|    |        |       |        |
|----|--------|-------|--------|
| #1 | .00720 | .0020 | .08588 |
| #2 | .00349 | .0008 | .08604 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 3743.6  | 74613.  | 4317.9  | 34.509 | 3906.3 |
| Stddev    | .5      | 7.      | 4.7     | .691   | 4.4    |
| %RSD      | .01352  | .00936  | .10869  | .81819 | .11294 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 3743.9 | 74608. | 4321.3 | 84.998 | 3903.2 |
| #2 | 3743.2 | 74618. | 4314.6 | 84.020 | 3909.4 |

Sample Name: CCV01      Acquired: 6/13/2017 12:07:47      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV01      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 5.0291 | 4.9752 | 4.9397 | 5.0624 | 5.0314 | 10.164 | 10.152 | .25235 | 2.4950 |
| Stddev | .0044  | .0009  | .0003  | .0098  | .0042  | .054   | .002   | .00121 | .0042  |
| %RSD   | .08680 | .01772 | .00683 | .19261 | .08412 | .53222 | .02417 | .48119 | .16733 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 5.0322 | 4.9758 | 4.9399 | 5.0693 | 5.0344 | 10.126 | 10.151 | .25149 | 2.4979 |
| #2 | 5.0261 | 4.9746 | 4.9395 | 5.0555 | 5.0285 | 10.202 | 10.154 | .25320 | 2.4920 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 24.924 | 1.0069 | 2.4752 | 1.2598 | 5.0372 | 2.5517 | 24.892 | 2.4982 | 1.2452 |
| Stddev | .017   | .0063  | .0004  | .0009  | .1131  | .0123  | .045   | .0037  | .0005  |
| %RSD   | .07000 | .62974 | .01506 | .06983 | 2.2449 | .48241 | .18102 | .14971 | .03918 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 24.936 | 1.0024 | 2.4754 | 1.2604 | 5.1171 | 2.5430 | 24.924 | 2.5008 | 1.2449 |
| #2 | 24.911 | 1.0113 | 2.4749 | 1.2592 | 4.9572 | 2.5604 | 24.860 | 2.4955 | 1.2455 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 25.070 | 2.5131 | 2.5188 | 25.176 | 5.0429 | 5.0420 | 4.9850 | 5.0952 | 4.9853 |
| Stddev | .012   | .0128  | .0460  | .046   | .0037  | .0239  | .0064  | .0104  | .0120  |
| %RSD   | .04719 | .50880 | 1.8253 | .18295 | .07387 | .47338 | .12788 | .20510 | .24002 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 25.062 | 2.5041 | 2.5513 | 25.209 | 5.0402 | 5.0251 | 4.9895 | 5.1026 | 4.9938 |
| #2 | 25.079 | 2.5221 | 2.4863 | 25.144 | 5.0455 | 5.0589 | 4.9805 | 5.0878 | 4.9769 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 5.0320 | 5.0544 | 5.033  | 5.0797 |
| Stddev | .0052  | .0094  | .001   | .0037  |
| %RSD   | .10286 | .18518 | .0104  | .07312 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 5.0284 | 5.0477 | 5.033 | 5.0823 |
| #2 | 5.0357 | 5.0610 | 5.032 | 5.0771 |

Sample Name: CCV01      Acquired: 6/13/2017 12:07:47      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV01      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 3964.9  | 77987.  | 4399.8  | 38.484 | 4140.3 |
| Stddev    | 9.5     | 527.    | 3.2     | 1.836  | 12.0   |
| %RSD      | .23986  | .67630  | .07286  | 2.0745 | .28975 |
| #1        | 3958.2  | 78360.  | 4397.5  | 87.186 | 4131.8 |
| #2        | 3971.6  | 77614.  | 4402.1  | 89.782 | 4148.8 |

Sample Name: LLCCV01      Acquired: 6/13/2017 12:11:39      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: LLCCV01      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02248 | .03799 | .01120 | .02240 | .04910 | .10511 | .10164 | .00616 | .00624 |
| Stddev | .00140 | .00051 | .00100 | .00012 | .00068 | .01435 | .00053 | .00007 | .00005 |
| %RSD   | 6.2167 | 1.3501 | 8.9238 | .54994 | 1.3880 | 13.652 | .52525 | 1.2064 | .81581 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .02149 | .03763 | .01190 | .02231 | .04958 | .11526 | .10201 | .00621 | .00628 |
| #2 | .02347 | .03835 | .01049 | .02248 | .04862 | .09496 | .10126 | .00611 | .00621 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.0071 | .01050 | .02999 | .02150 | .10000 | .02147 | 1.9965 | .04070 | .01020 |
| Stddev | .0088  | .00014 | .00019 | .00082 | .01085 | .00003 | .0031  | .00001 | .00029 |
| %RSD   | .44057 | 1.3774 | .64283 | 3.8175 | 10.853 | .15727 | .15372 | .02812 | 2.8913 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.0133 | .01040 | .03013 | .02208 | .09232 | .02149 | 1.9987 | .04069 | .01040 |
| #2 | 2.0008 | .01061 | .02986 | .02092 | .10767 | .02145 | 1.9943 | .04071 | .00999 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.9851 | .04005 | .04108 | 1.9881 | .21484 | .10492 | .01787 | .39269 | .04309 |
| Stddev | .0089  | .00039 | .00046 | .0375  | .00072 | .00186 | .00175 | .00098 | .00020 |
| %RSD   | .44721 | .96521 | 1.1096 | 1.8877 | .33548 | 1.7760 | 9.8115 | .24961 | .46079 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.9914 | .03978 | .04140 | 1.9616 | .21535 | .10623 | .01911 | .39199 | .04295 |
| #2 | 1.9789 | .04033 | .04076 | 2.0147 | .21433 | .10360 | .01663 | .39338 | .04323 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | .04173 | .02272 | .0202  | .02238 |
| Stddev | .00082 | .00186 | .0002  | .00005 |
| %RSD   | 1.9753 | 8.1663 | 1.135  | .22723 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .04232 | .02141 | .0201 | .02235 |
| #2 | .04115 | .02403 | .0204 | .02242 |

Sample Name: LLCCV01      Acquired: 6/13/2017 12:11:39      Type: Unk  
 Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: LLCCV01      Custom ID2:      Custom ID3:  
 Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4047.4  | 78932.  | 4441.6  | 91.381 | 4312.7 |
| Stddev    | 2.3     | 306.    | 27.6    | .847   | 3.2    |
| %RSD      | .05582  | .38760  | .62101  | .92680 | .07351 |
| #1        | 4049.0  | 78716.  | 4422.1  | 90.783 | 4310.4 |
| #2        | 4045.8  | 79148.  | 4461.1  | 91.980 | 4314.9 |

Sample Name: CCB01      Acquired: 6/13/2017 12:15:50      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB01      Custom ID2:      Custom ID3:  
Comment:

|        |        |         |         |        |        |        |        |         |
|--------|--------|---------|---------|--------|--------|--------|--------|---------|
| Elem   | As1890 | Tl1908  | Pb2203  | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348  |
| Units  | ppm    | ppm     | ppm     | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | .00277 | -.00160 | -.00183 | .00255 | .00001 | .00657 | .00066 | -.00005 |
| Stddev | .00088 | .00014  | .00089  | .00073 | .00008 | .00209 | .00023 | .00003  |
| %RSD   | 31.833 | 8.9188  | 48.641  | 28.614 | 1215.8 | 31.783 | 35.729 | 59.040  |

|    |        |         |         |        |         |        |        |         |
|----|--------|---------|---------|--------|---------|--------|--------|---------|
| #1 | .00215 | -.00170 | -.00120 | .00307 | -.00005 | .00510 | .00049 | -.00007 |
| #2 | .00340 | -.00150 | -.00246 | .00203 | .00007  | .00805 | .00082 | -.00003 |

|        |        |         |        |        |         |         |         |         |
|--------|--------|---------|--------|--------|---------|---------|---------|---------|
| Elem   | Cd2265 | Ca3736  | Cr2677 | Co2286 | Cu2247  | Fe2404  | Mn2576  | Mg2790  |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm     | ppm     | ppm     | ppm     |
| Avg    | .00003 | -.01798 | .00019 | .00030 | -.00008 | -.00253 | -.00020 | -.01643 |
| Stddev | .00003 | .01602  | .00078 | .00028 | .00002  | .00018  | .00007  | .05506  |
| %RSD   | 105.12 | 89.106  | 402.11 | 91.412 | 20.008  | 7.0608  | 33.093  | 335.14  |

|    |        |         |         |        |         |         |         |         |
|----|--------|---------|---------|--------|---------|---------|---------|---------|
| #1 | .00004 | -.00665 | -.00036 | .00011 | -.00007 | -.00240 | -.00016 | .02250  |
| #2 | .00001 | -.02930 | .00074  | .00050 | -.00010 | -.00266 | -.00025 | -.05536 |

|        |         |         |         |         |         |        |        |         |
|--------|---------|---------|---------|---------|---------|--------|--------|---------|
| Elem   | Ni2316  | Ag3280  | Na5895  | V_2924  | Zn2138  | K_7664 | Mo2020 | B_2496  |
| Units  | ppm     | ppm     | ppm     | ppm     | ppm     | ppm    | ppm    | ppm     |
| Avg    | -.00002 | -.00025 | -.01897 | -.00004 | -.00022 | .00557 | .00085 | -.00414 |
| Stddev | .00013  | .00044  | .00011  | .00034  | .00005  | .01211 | .00019 | .00019  |
| %RSD   | 539.43  | 173.87  | .56508  | 766.35  | 23.921  | 217.25 | 22.862 | 4.4648  |

|    |         |         |         |         |         |         |        |         |
|----|---------|---------|---------|---------|---------|---------|--------|---------|
| #1 | .00007  | .00006  | -.01904 | .00019  | -.00018 | -.00299 | .00099 | -.00401 |
| #2 | -.00012 | -.00056 | -.01889 | -.00028 | -.00025 | .01413  | .00071 | -.00428 |

|        |         |         |        |        |        |        |        |
|--------|---------|---------|--------|--------|--------|--------|--------|
| Elem   | S_1820  | Si2881  | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm     | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | -.00206 | -.00145 | .00090 | .00107 | .00261 | -.0013 | .00013 |
| Stddev | .00109  | .00274  | .00034 | .00020 | .00089 | .0003  | .00015 |
| %RSD   | 53.002  | 189.37  | 37.411 | 19.019 | 34.293 | 25.44  | 119.80 |

|    |         |         |        |        |        |        |        |
|----|---------|---------|--------|--------|--------|--------|--------|
| #1 | -.00129 | .00049  | .00114 | .00093 | .00324 | -.0011 | .00002 |
| #2 | -.00283 | -.00339 | .00066 | .00122 | .00197 | -.0016 | .00024 |

Sample Name: CCB01      Acquired: 6/13/2017 12:15:50      Type: Unk  
 Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: CCB01      Custom ID2:      Custom ID3:  
 Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4045.9  | 78001.  | 4457.2  | 90.075 | 4265.8 |
| Stddev    | 5.3     | 314.    | 10.4    | .051   | .5     |
| %RSD      | .13121  | .40280  | .23334  | .05650 | .01173 |
| #1        | 4042.1  | 78223.  | 4464.6  | 90.111 | 4265.5 |
| #2        | 4049.6  | 77779.  | 4449.9  | 90.039 | 4266.2 |

Sample Name: I3628-02      Acquired: 6/13/2017 12:20:04      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: COMPOSITE-1      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .13284 | .00462 | 4.5180 | .02064 | .00935 | 128.89 | 3.2620 | .00508 |
| Stddev | .00253 | .00131 | .0062  | .00076 | .00070 | .68    | .0025  | .00001 |
| %RSD   | 1.9016 | 28.276 | .13681 | 3.6706 | 7.5257 | .52977 | .07747 | .28600 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .13105 | -.00554 | 4.5223 | .02118 | .00984 | 128.40 | 3.2602 | .00507 |
| #2 | .13462 | -.00370 | 4.5136 | .02011 | .00885 | 129.37 | 3.2638 | .00509 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01895 | 797.69 | .40257 | .11898 | 1.2303 | 313.56 | 4.1865 | 174.58 |
| Stddev | .00013 | .25    | .00172 | .00004 | .0005  | 1.64   | .0256  | .22    |
| %RSD   | .68551 | .03088 | .42772 | .03568 | .03764 | .52400 | .61149 | .12680 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .01886 | 797.86 | .40135 | .11901 | 1.2299 | 314.72 | 4.2046 | 174.42 |
| #2 | .01904 | 797.52 | .40379 | .11895 | 1.2306 | 312.40 | 4.1684 | 174.74 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .41578 | .04957 | 35.492 | .92226 | 5.5513 | 25.141 | .02879 | .02642 |
| Stddev | .00062 | .00004 | .038   | .00050 | .0566  | .013   | .00063 | .00751 |
| %RSD   | .14796 | .08295 | .10737 | .05387 | 1.0188 | .05250 | 2.1790 | 28.432 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .41621 | .04955 | 35.465 | .92191 | 5.5913 | 25.132 | .02835 | .03173 |
| #2 | .41534 | .04960 | 35.519 | .92261 | 5.5113 | 25.151 | .02923 | .02111 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 74.268 | 2.4092 | .25327 | 3.5041 | .19755 | 7.575  | 2.0157 |
| Stddev | .019   | .0009  | .00165 | .0068  | .00366 | .009   | .0014  |
| %RSD   | .02500 | .03551 | .65082 | .10496 | 1.8519 | .1164  | .06942 |

|    |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|-------|--------|
| #1 | 74.282 | 2.4098 | .25211 | 6.4993 | .19497 | 7.581 | 2.0147 |
| #2 | 74.255 | 2.4085 | .25444 | 6.5089 | .20014 | 7.569 | 2.0167 |



Sample Name: I3628-02      Acquired: 6/13/2017 12:20:04      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: COMPOSITE-1      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 3996.7  | 32107.  | 4790.0  | 31.003 | 3643.9 |
| Stddev    | 2.5     | 78.     | 27.7    | .810   | 1.1    |
| %RSD      | .06224  | .09467  | .57907  | .99998 | .02904 |
| #1        | 3994.9  | 82052.  | 4770.4  | 80.430 | 3643.2 |
| #2        | 3998.5  | 82162.  | 4809.6  | 81.575 | 3644.6 |

Sample Name: PB99667BS      Acquired: 6/13/2017 12:28:24      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: PB99667BS      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    | .84616 | 1.9754 | 1.0004 | 2.0721 | .82185 | 2.1363 | 21783  | 21264  | 20275  |
| Stddev | .00033 | .0031  | .0001  | .0042  | .00240 | .0093  | .00061 | .00023 | .00072 |
| %RSD   | .03929 | .15688 | .01031 | .20465 | .29253 | .43410 | .27800 | .10905 | .35569 |
| #1     | .84593 | 1.9776 | 1.0005 | 2.0751 | .82015 | 2.1428 | 21826  | 21248  | 20326  |
| #2     | .84640 | 1.9732 | 1.0003 | 2.0691 | .82355 | 2.1297 | 21741  | 21281  | 20224  |
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.1141 | 43673  | 20901  | 34417  | 3.0741 | 22383  | 2.1029 | 52368  | 707547 |
| Stddev | .0096  | .00019 | .00032 | .00036 | .0763  | .00000 | .0444  | .00044 | .00000 |
| %RSD   | .86325 | .04315 | .15494 | .10426 | 2.4826 | .00024 | 2.1092 | .08414 | .00530 |
| #1     | 1.1073 | 43686  | 20878  | 34392  | 3.1281 | 22383  | 2.0715 | 52337  | 707547 |
| #2     | 1.1209 | 43660  | 20924  | 34442  | 3.0201 | 22383  | 2.1343 | 52400  | 707547 |
| 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    | 3.2657 | 31983  | 20788  | 10.857 | 41778  | 32162  | 10.014 | 97454  | 72766  |
| Stddev | .0139  | .00081 | .00431 | .093   | .00059 | .02053 | .025   | .00100 | .00184 |
| %RSD   | .42683 | .25397 | 2.0726 | .85503 | .14098 | 6.3847 | .25308 | .10274 | .25279 |
| #1     | 3.2558 | 32040  | 21092  | 10.923 | 41736  | 33614  | 9.9960 | 97383  | 72896  |
| #2     | 3.2755 | 31925  | 20483  | 10.792 | 41820  | 30710  | 10.032 | 97525  | 72636  |
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |        |        |        |        |        |
| Units  | ppm    | ppm    | ppm    | ppm    |        |        |        |        |        |
| Avg    | 21256  | 22417  | 5.927  | 21259  |        |        |        |        |        |
| Stddev | .00330 | .00060 | .011   | .00056 |        |        |        |        |        |
| %RSD   | 1.5502 | .26826 | .1871  | .26162 |        |        |        |        |        |
| #1     | 21489  | 22460  | 5.919  | 21299  |        |        |        |        |        |
| #2     | 21023  | 22375  | 5.935  | 21220  |        |        |        |        |        |

Sample Name: PB99667BS      Acquired: 6/13/2017 12:28:24      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: PB99667BS      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 3989.8  | 78055.  | 4411.9  | 95.959 | 4426.9 |
| Stddev    | 5.2     | 72.     | 11.4    | 2.089  | 7.0    |
| %RSD      | .13100  | .09181  | .25946  | 2.1774 | .15778 |
| #1        | 3986.1  | 78004.  | 4403.8  | 94.482 | 4422.0 |
| #2        | 3993.5  | 78105.  | 4420.0  | 97.437 | 4431.9 |

Sample Name: I3584-01      Acquired: 6/13/2017 12:32:21      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: DUCT-BANK      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .04501 | .00240 | .16341 | .12601 | .01122 | 238.40 | 2.0548 | .00408 |
| Stddev | .00081 | .00132 | .00035 | .00364 | .00171 | 1.15   | .0098  | .00017 |
| %RSD   | 1.7909 | 55.052 | .21217 | 2.8922 | 15.192 | .48188 | .47862 | 4.2027 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .04558 | -.00334 | .16316 | .12343 | .01243 | 239.21 | 2.0617 | .00420 |
| #2 | .04444 | -.00147 | .16365 | .12859 | .01002 | 237.59 | 2.0478 | .00396 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00019 | 78.659 | .65991 | .18376 | .39125 | 386.64 | 3.0843 | 110.27 |
| Stddev | .00038 | .488   | .00028 | .00109 | .00012 | 3.80   | .0045  | .19    |
| %RSD   | 197.75 | .61992 | .04281 | .59483 | .03172 | .98379 | .14682 | .16800 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00046  | 79.004 | .66011 | .18299 | .39116 | 383.95 | 3.0875 | 110.40 |
| #2 | -.00008 | 78.315 | .65971 | .18454 | .39134 | 389.33 | 3.0811 | 110.14 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .73688 | .02286 | 1.1116 | .65236 | .74986 | 96.485 | .00359 | .18361 |
| Stddev | .00310 | .00005 | .0320  | .00040 | .01228 | .320   | .00033 | .01335 |
| %RSD   | .42055 | .22244 | 2.8759 | .06075 | 1.6371 | .33151 | 9.2355 | 7.2691 |

|    |        |        |        |        |        |        |        |         |
|----|--------|--------|--------|--------|--------|--------|--------|---------|
| #1 | .73469 | .02282 | 1.1342 | .65264 | .74118 | 96.711 | .00335 | -.19305 |
| #2 | .73907 | .02289 | 1.0890 | .65208 | .75854 | 96.259 | .00382 | -.17417 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | 3.8726 | 2.5169 | .04592 | 17.764 | .18737 | 4.117  | .11724 |  |
| Stddev | .0240  | .0114  | .00212 | .086   | .00136 | .006   | .00044 |  |
| %RSD   | .61996 | .45417 | 4.6217 | .48206 | .72426 | .1476  | .37145 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | 3.8556 | 2.5250 | .04442 | 17.824 | .18833 | 4.113 | .11755 |  |
| #2 | 3.8895 | 2.5089 | .04742 | 17.703 | .18641 | 4.121 | .11693 |  |

Sample Name: I3584-01      Acquired: 6/13/2017 12:32:21      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: DUCT-BANK      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4059.2  | 31672.  | 4725.6  | 35.890 | 3912.2 |
| Stddev    | 4.8     | 115.    | 1.8     | 1.289  | .0     |
| %RSD      | .11811  | .14052  | .03842  | 1.5009 | .00084 |
| #1        | 4055.8  | 81590.  | 4726.9  | 86.802 | 3912.3 |
| #2        | 4062.6  | 81753.  | 4724.3  | 84.979 | 3912.2 |

Sample Name: I3584-01DUP      Acquired: 6/13/2017 12:36:24      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: DUCT-BANKDUP      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .04630 | .00222 | .16603 | .12284 | .00938 | 241.32 | 2.0803 | .00414 |
| Stddev | .00079 | .00263 | .00145 | .00761 | .00006 | 1.25   | .0004  | .00003 |
| %RSD   | 1.6958 | 118.46 | .87319 | 6.1923 | .66120 | .52007 | .01886 | .71157 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .04575 | -.00408 | .16501 | .11746 | .00943 | 240.43 | 2.0800 | .00416 |
| #2 | .04686 | -.00036 | .16706 | .12822 | .00934 | 242.20 | 2.0805 | .00412 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00074 | 79.515 | .67047 | .18541 | .39734 | 384.40 | 3.1275 | 112.25 |
| Stddev | .00172 | .110   | .00338 | .00047 | .00814 | 14.87  | .0016  | .40    |
| %RSD   | 233.02 | .13884 | .50456 | .25133 | 2.0496 | 3.8687 | .05000 | .35483 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00195  | 79.436 | .66808 | .18574 | .40310 | 373.89 | 3.1264 | 111.97 |
| #2 | -.00048 | 79.593 | .67287 | .18508 | .39158 | 394.92 | 3.1286 | 112.53 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .74625 | .02175 | 1.1415 | .66204 | .75137 | 97.967 | .00417 | .20844 |
| Stddev | .00006 | .00156 | .0271  | .00120 | .02805 | .327   | .00010 | .02264 |
| %RSD   | .00774 | 7.1840 | 2.3771 | .18112 | 3.7330 | .33396 | 2.4781 | 10.860 |

|    |        |        |        |        |        |        |        |         |
|----|--------|--------|--------|--------|--------|--------|--------|---------|
| #1 | .74629 | .02064 | 1.1223 | .66288 | .73153 | 97.736 | .00409 | -.22445 |
| #2 | .74621 | .02285 | 1.1607 | .66119 | .77120 | 98.198 | .00424 | -.19244 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 3.8751 | 2.6160 | .04578 | 17.972 | .18946 | 4.144  | .11893 |
| Stddev | .0091  | .0056  | .00034 | .022   | .00381 | .004   | .00009 |
| %RSD   | .23540 | .21483 | .73869 | .12466 | 2.0089 | .1087  | .07958 |

|    |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|-------|--------|
| #1 | 3.8815 | 2.6200 | .04554 | 17.956 | .18676 | 4.147 | .11887 |
| #2 | 3.8686 | 2.6120 | .04602 | 17.988 | .19215 | 4.140 | .11900 |

Sample Name: I3584-01DUP      Acquired: 6/13/2017 12:36:24      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: DUCT-BANKDUP      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4025.5  | 30539.  | 4625.4  | 35.754 | 3885.9 |
| Stddev    | 15.2    | 129.    | 3.6     | 3.148  | 14.4   |
| %RSD      | .37715  | .16033  | .07833  | 3.6707 | .37181 |
| #1        | 4014.8  | 80630.  | 4628.0  | 87.980 | 3875.6 |
| #2        | 4036.3  | 80448.  | 4622.9  | 83.528 | 3896.1 |

Sample Name: I3584-01LX5      Acquired: 6/13/2017 12:40:27      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: DUCT-BANK      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01176 | .00014 | .03237 | .02466 | .00294 | 50.059 | .43157 | .00087 |
| Stddev | .00164 | .00127 | .00008 | .00140 | .00307 | .266   | .00155 | .00015 |
| %RSD   | 13.917 | 926.18 | .24298 | 5.6809 | 104.48 | .53161 | .36014 | 17.309 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .01061 | .00103  | .03232 | .02565 | .00077 | 49.871 | .43047 | .00097 |
| #2 | .01292 | -.00076 | .03243 | .02367 | .00512 | 50.247 | .43267 | .00076 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00103 | 16.843 | .14412 | .03567 | .08928 | 76.219 | .67648 | 23.610 |
| Stddev | .00032 | .007   | .00068 | .00031 | .00021 | 1.025  | .00027 | .033   |
| %RSD   | 31.197 | .03939 | .47524 | .87928 | .23336 | 1.3448 | .04049 | .13946 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | -.00080 | 16.848 | .14460 | .03544 | .08943 | 75.494 | .67628 | 23.586 |
| #2 | -.00126 | 16.839 | .14363 | .03589 | .08913 | 76.944 | .67667 | 23.633 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .14470 | .00378 | .20372 | .13892 | .14874 | 20.177 | .00107 | .05622 |
| Stddev | .00015 | .00022 | .00139 | .00052 | .00137 | .033   | .00011 | .00457 |
| %RSD   | .10369 | 5.7089 | .68455 | .37460 | .92116 | .16381 | 10.337 | 8.1351 |

|    |        |        |        |        |        |        |        |         |
|----|--------|--------|--------|--------|--------|--------|--------|---------|
| #1 | .14460 | .00363 | .20471 | .13855 | .14777 | 20.154 | .00099 | -.05946 |
| #2 | .14481 | .00393 | .20274 | .13929 | .14971 | 20.201 | .00115 | -.05299 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .76265 | .54561 | .00959 | 3.7552 | .04069 | .8215  | .02456 |
| Stddev | .00209 | .00184 | .00092 | .0072  | .00138 | .0029  | .00012 |
| %RSD   | .27387 | .33681 | 9.5545 | .19045 | 3.3883 | .3533  | .49500 |

|    |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|-------|--------|
| #1 | .76412 | .54691 | .00894 | 3.7602 | .04166 | .8195 | .02447 |
| #2 | .76117 | .54431 | .01024 | 3.7501 | .03971 | .8236 | .02464 |



Sample Name: I3584-01LX5      Acquired: 6/13/2017 12:40:27      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: DUCT-BANK      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4004.5  | 78172.  | 4500.0  | 90.860 | 4219.3 |
| Stddev    | 1.7     | 173.    | 9.5     | 1.051  | 2.2    |
| %RSD      | .04305  | .22158  | .21173  | 1.1569 | .05127 |
| #1        | 4005.7  | 78295.  | 4493.3  | 91.603 | 4217.8 |
| #2        | 4003.2  | 78050.  | 4506.8  | 90.116 | 4220.8 |

Sample Name: I3584-01MS      Acquired: 6/13/2017 12:44:29      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: DUCT-BANKMS      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    | .81446 | 2.0341 | 1.1788 | 1.9204 | .80112 | 237.49 | 2.2379 | .19748 | .20397 |
| Stddev | .00103 | .0003  | .0054  | .0043  | .00225 | .33    | .0094  | .00058 | .00114 |
| %RSD   | .12648 | .01347 | .46009 | .22313 | .28086 | .14053 | .41986 | .29549 | .56063 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .81373 | 2.0343 | 1.1827 | 1.9234 | .79953 | 237.72 | 2.2445 | .19789 | .20316 |
| #2 | .81519 | 2.0339 | 1.1750 | 1.9173 | .80271 | 237.25 | 2.2312 | .19707 | .20478 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 79.713 | 1.0203 | .38883 | .67745 | 373.57 | 3.2311 | 111.93 | 1.2297 | .09614 |
| Stddev | .171   | .0050  | .00037 | .00647 | 15.10  | .0089  | .32    | .0017  | .00300 |
| %RSD   | .21438 | .48887 | .09512 | .95532 | 4.0407 | .27509 | .28959 | .13646 | 3.1219 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 79.834 | 1.0239 | .38909 | .67288 | 384.24 | 3.2374 | 112.16 | 1.2309 | .09827 |
| #2 | 79.593 | 1.0168 | .38856 | .68203 | 362.89 | 3.2248 | 111.70 | 1.2285 | .09402 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.1479 | .93152 | .92781 | 106.22 | .40915 | .08216 | 14.193 | 3.9707 | .79882 |
| Stddev | .0340  | .00022 | .04521 | .55    | .00003 | .00865 | .025   | .0237  | .00020 |
| %RSD   | .82029 | .02395 | 4.8729 | .51732 | .00813 | 10.523 | .17580 | .59568 | .02536 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 4.1720 | .93137 | .95978 | 106.61 | .40918 | .08827 | 14.211 | 3.9874 | .79867 |
| #2 | 4.1238 | .93168 | .89584 | 105.84 | .40913 | .07605 | 14.176 | 3.9540 | .79896 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 17.725 | .39882 | 9.904  | 31354  |
| Stddev | .049   | .00602 | .014   | .00071 |
| %RSD   | .27364 | 1.5083 | .1412  | .22636 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 17.759 | .40307 | 9.914 | .31304 |
| #2 | 17.691 | .39456 | 9.894 | .31404 |

Sample Name: I3584-01MS      Acquired: 6/13/2017 12:44:29      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: DUCT-BANKMS      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4029.6  | 30703.  | 4603.7  | 36.586 | 3910.9 |
| Stddev    | 4.8     | 390.    | 35.9    | 4.103  | 5.8    |
| %RSD      | .11793  | .48315  | .78034  | 4.7387 | .14741 |
| #1        | 4033.0  | 80427.  | 4578.3  | 83.685 | 3906.8 |
| #2        | 4026.2  | 80978.  | 4629.1  | 89.487 | 3915.0 |

Sample Name: I3584-01MSD      Acquired: 6/13/2017 12:48:26      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: DUCT-BANKMSD 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    | .81799 | 2.0425 | 1.1782 | 1.9296 | .80433 | 237.62 | 2.2347 | .19782 | .20463 |
| Stddev | .00010 | .0048  | .0033  | .0016  | .00624 | 1.05   | .0126  | .00043 | .00128 |
| %RSD   | .01164 | .23411 | .28040 | .08349 | .77549 | .44115 | .56421 | .21545 | .62378 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .81792 | 2.0459 | 1.1758 | 1.9284 | .79992 | 236.88 | 2.2436 | .19812 | .20553 |
| #2 | .81805 | 2.0392 | 1.1805 | 1.9307 | .80875 | 238.36 | 2.2258 | .19751 | .20373 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 30.021 | 1.0239 | .38870 | .67719 | 372.08 | 3.2285 | 111.86 | 1.2314 | .09640 |
| Stddev | .576   | .0011  | .00043 | .00158 | 5.45   | .0042  | .59    | .0018  | .00065 |
| %RSD   | .71942 | .10932 | .11106 | .23277 | 1.4638 | .13100 | .52475 | .14967 | .67182 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 80.428 | 1.0247 | .38900 | .67830 | 368.23 | 3.2315 | 112.27 | 1.2327 | .09594 |
| #2 | 79.614 | 1.0231 | .38839 | .67607 | 375.94 | 3.2255 | 111.44 | 1.2301 | .09685 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.1616 | .93185 | .92187 | 106.32 | .40827 | .06421 | 14.283 | 3.9762 | .80391 |
| Stddev | .0097  | .00061 | .00974 | .61    | .00042 | .00858 | .010   | .0315  | .00157 |
| %RSD   | .23319 | .06548 | 1.0567 | .57736 | .10389 | 13.356 | .06753 | .79283 | .19551 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 4.1684 | .93228 | .91499 | 106.75 | .40797 | .07028 | 14.289 | 3.9985 | .80280 |
| #2 | 4.1547 | .93142 | .92876 | 105.88 | .40857 | .05815 | 14.276 | 3.9539 | .80502 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 17.791 | .39763 | 9.966  | 31380  |
| Stddev | .085   | .00232 | .012   | .00217 |
| %RSD   | .48024 | .58338 | .1185  | .69119 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 17.851 | .39927 | 9.974 | .31534 |
| #2 | 17.731 | .39599 | 9.958 | .31227 |

Sample Name: I3584-01MSD      Acquired: 6/13/2017 12:48:26      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: DUCT-BANKMSD Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4022.0  | 30890.  | 4613.7  | 37.010 | 3903.9 |
| Stddev    | 3.6     | 123.    | 53.6    | .769   | 9.0    |
| %RSD      | .08858  | .15223  | 1.1621  | .88336 | .23074 |
| #1        | 4019.5  | 80803.  | 4575.8  | 87.554 | 3897.5 |
| #2        | 4024.5  | 80977.  | 4651.6  | 86.467 | 3910.3 |

Sample Name: I3584-01A      Acquired: 6/13/2017 12:52:25      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: DUCT-BANK      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    | .82730 | 2.0715 | 1.1974 | 1.9537 | .80658 | 237.15 | 2.2335 | .20159 | .20809 |
| Stddev | .00170 | .0108  | .0008  | .0049  | .00140 | .58    | .0162  | .00023 | .00015 |
| %RSD   | .20529 | .52260 | .06656 | .24839 | .17328 | .24572 | .72529 | .11399 | .07210 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .82850 | 2.0792 | 1.1969 | 1.9503 | .80757 | 236.73 | 2.2450 | .20143 | .20798 |
| #2 | .82610 | 2.0638 | 1.1980 | 1.9571 | .80560 | 237.56 | 2.2221 | .20176 | .20819 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 79.802 | 1.0331 | .39287 | .68152 | 371.85 | 3.2383 | 111.15 | 1.2394 | .09696 |
| Stddev | .010   | .0004  | .00055 | .00217 | 4.73   | .0017  | .80    | .0004  | .00049 |
| %RSD   | .01228 | .03984 | .14091 | .31866 | 1.2734 | .05357 | .72235 | .03572 | .50065 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 79.809 | 1.0334 | .39248 | .67999 | 375.20 | 3.2395 | 111.72 | 1.2397 | .09730 |
| #2 | 79.795 | 1.0328 | .39326 | .68306 | 368.50 | 3.2371 | 110.59 | 1.2390 | .09661 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.2027 | .94169 | .93017 | 106.61 | .41115 | .06286 | 14.191 | 4.3249 | .80572 |
| Stddev | .0171  | .00260 | .00983 | .29    | .00054 | .00576 | .004   | .0156  | .00244 |
| %RSD   | .40671 | .27616 | 1.0568 | .27211 | .13179 | 9.1586 | .02788 | .35989 | .30277 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 4.2148 | .94353 | .93712 | 106.82 | .41153 | .06693 | 14.194 | 4.3359 | .80744 |
| #2 | 4.1906 | .93985 | .92322 | 106.40 | .41077 | .05879 | 14.188 | 4.3139 | .80399 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 17.763 | .40321 | 10.00  | .31632 |
| Stddev | .094   | .00136 | .02    | .00189 |
| %RSD   | .53101 | .33735 | .1999  | .59824 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 17.829 | .40225 | 10.02 | .31766 |
| #2 | 17.696 | .40417 | 9.987 | .31499 |

Sample Name: I3584-01A      Acquired: 6/13/2017 12:52:25      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: DUCT-BANK      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4042.7  | 31093.  | 4630.5  | 36.954 | 3925.9 |
| Stddev    | 10.9    | 30.     | 19.8    | 1.120  | 5.6    |
| %RSD      | .27001  | .03697  | .42797  | 1.2883 | .14237 |
| #1        | 4035.0  | 81115.  | 4616.5  | 86.162 | 3922.0 |
| #2        | 4050.4  | 81072.  | 4644.5  | 87.746 | 3929.9 |

Sample Name: I3584-02      Acquired: 6/13/2017 12:56:21      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: DUCT-BANK      Custom ID2:      Custom ID3:  
Comment:

|        |         |         |        |        |        |        |        |         |
|--------|---------|---------|--------|--------|--------|--------|--------|---------|
| Elem   | As1890  | Tl1908  | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348  |
| Units  | ppm     | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | .05400  | .00283  | .17224 | .12421 | .01195 | 251.46 | 2.0275 | .00415  |
| Stddev | .00062  | .00046  | .00170 | .00659 | .00035 | .58    | .0058  | .00008  |
| %RSD   | 1.1421  | 16.162  | .98780 | 5.3035 | 2.9162 | .23132 | .28521 | 1.9862  |
| #1     | .05444  | -.00316 | .17104 | .11956 | .01219 | 251.05 | 2.0316 | .00421  |
| #2     | .05357  | -.00251 | .17345 | .12887 | .01170 | 251.87 | 2.0234 | .00409  |
| Elem   | Cd2265  | Ca3736  | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790  |
| Units  | ppm     | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | .00102  | 32.311  | .65018 | .17336 | .40345 | 395.78 | 2.6672 | 113.53  |
| Stddev | .00147  | .171    | .00139 | .00025 | .00553 | 13.40  | .0043  | .13     |
| %RSD   | 144.06  | .20819  | .21308 | .14392 | 1.3711 | 3.3862 | .16023 | .11761  |
| #1     | .00206  | 82.432  | .64920 | .17354 | .40736 | 386.30 | 2.6642 | 113.63  |
| #2     | -.00002 | 82.190  | .65116 | .17318 | .39953 | 405.26 | 2.6702 | 113.44  |
| Elem   | Ni2316  | Ag3280  | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496  |
| Units  | ppm     | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | .61779  | .02341  | 1.2739 | .67267 | .76499 | 98.083 | .00423 | .21547  |
| Stddev | .00001  | .00190  | .0067  | .00246 | .02471 | .000   | .00015 | .00880  |
| %RSD   | .00232  | 8.1138  | .52852 | .36628 | 3.2297 | .00002 | 3.5357 | 4.0857  |
| #1     | .61778  | .02207  | 1.2692 | .67093 | .74752 | 98.083 | .00433 | -.22169 |
| #2     | .61780  | .02475  | 1.2787 | .67441 | .78246 | 98.083 | .00412 | -.20924 |
| Elem   | S_1820  | Si2881  | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |         |
| Units  | ppm     | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    |         |
| Avg    | 3.8868  | 2.2864  | .04423 | 16.830 | .18562 | 4.539  | .13187 |         |
| Stddev | .0099   | .0016   | .00112 | .015   | .00033 | .001   | .00019 |         |
| %RSD   | .25441  | .07011  | 2.5330 | .08647 | .17956 | .0250  | .14655 |         |
| #1     | 3.8938  | 2.2876  | .04502 | 16.820 | .18586 | 4.540  | .13173 |         |
| #2     | 3.8799  | 2.2853  | .04344 | 16.841 | .18539 | 4.538  | .13200 |         |



Sample Name: I3584-02      Acquired: 6/13/2017 12:56:21      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: DUCT-BANK      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4083.8  | 32313.  | 4731.1  | 36.288 | 3916.5 |
| Stddev    | 3.2     | 70.     | 3.3     | 2.872  | 3.9    |
| %RSD      | .07735  | .08464  | .07065  | 3.3284 | .09880 |
| #1        | 4086.1  | 82363.  | 4728.7  | 88.319 | 3919.2 |
| #2        | 4081.6  | 82264.  | 4733.5  | 84.258 | 3913.7 |

Sample Name: PB99667BL      Acquired: 6/13/2017 13:05:30      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: PB99667BL      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00013 | .00403 | .00068 | .00325 | .00175 | .00181 | .00044 | .00011 |
| Stddev | .00040 | .00028 | .00082 | .00214 | .00154 | .00567 | .00014 | .00004 |
| %RSD   | 308.63 | 7.0646 | 120.07 | 65.750 | 87.917 | 312.98 | 33.103 | 37.928 |

|    |         |         |         |        |         |         |        |         |
|----|---------|---------|---------|--------|---------|---------|--------|---------|
| #1 | .00015  | -.00383 | -.00126 | .00476 | -.00283 | -.00220 | .00054 | -.00008 |
| #2 | -.00041 | -.00423 | -.00010 | .00174 | -.00066 | .00582  | .00033 | -.00014 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00008 | .01751 | .00020 | .00032 | .00090 | .00792 | .00008 | .00433 |
| Stddev | .00010 | .00811 | .00063 | .00016 | .00046 | .00616 | .00006 | .00054 |
| %RSD   | 125.82 | 46.330 | 322.83 | 51.608 | 51.050 | 77.831 | 80.963 | 12.558 |

|    |         |         |         |         |         |         |         |         |
|----|---------|---------|---------|---------|---------|---------|---------|---------|
| #1 | -.00015 | -.01177 | .00025  | -.00020 | -.00122 | -.00356 | -.00003 | -.00394 |
| #2 | -.00001 | -.02324 | -.00064 | -.00043 | -.00057 | -.01228 | -.00012 | -.00471 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00005 | .00023 | .04465 | .00037 | .00024 | .00987 | .00011 | .00284 |
| Stddev | .00024 | .00003 | .00506 | .00030 | .00006 | .01474 | .00012 | .00133 |
| %RSD   | 485.00 | 11.537 | 11.327 | 82.475 | 24.963 | 149.32 | 105.75 | 46.661 |

|    |         |         |         |         |         |         |        |         |
|----|---------|---------|---------|---------|---------|---------|--------|---------|
| #1 | .00012  | -.00021 | -.04822 | -.00058 | -.00028 | .02029  | .00020 | -.00378 |
| #2 | -.00022 | -.00025 | -.04107 | -.00015 | -.00019 | -.00055 | .00003 | -.00190 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .00813 | .00002 | .00137 | .00184 | .00111 | .0008  | .00003 |  |
| Stddev | .00030 | .00116 | .00048 | .00109 | .00028 | .0015  | .00024 |  |
| %RSD   | 3.6885 | 7613.0 | 35.187 | 59.322 | 25.133 | 200.6  | 719.07 |  |

|    |         |         |         |        |        |        |         |  |
|----|---------|---------|---------|--------|--------|--------|---------|--|
| #1 | -.00834 | .00081  | -.00103 | .00262 | .00131 | .0003  | .00013  |  |
| #2 | -.00792 | -.00084 | -.00171 | .00107 | .00091 | -.0018 | -.00020 |  |

Sample Name: PB99667BL      Acquired: 6/13/2017 13:05:30      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: PB99667BL      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4108.5  | 30240.  | 4554.3  | 95.194 | 4416.7 |
| Stddev    | 12.7    | 45.     | 12.0    | .226   | 18.7   |
| %RSD      | .30853  | .05631  | .26446  | .23691 | .42352 |
| #1        | 4099.5  | 80272.  | 4545.8  | 95.354 | 4403.5 |
| #2        | 4117.4  | 80208.  | 4562.8  | 95.035 | 4429.9 |

Sample Name: CCV02      Acquired: 6/13/2017 13:09:43      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV02      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 5.0311 | 4.9539 | 4.9023 | 5.0628 | 5.0567 | 10.336 | 10.163 | .25247 | 2.4917 |
| Stddev | .0004  | .0080  | .0020  | .0089  | .0110  | .123   | .019   | .00050 | .0019  |
| %RSD   | .00767 | .16104 | .04090 | .17571 | .21678 | 1.1929 | .18460 | .19648 | .07687 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 5.0309 | 4.9596 | 4.9009 | 5.0691 | 5.0645 | 10.424 | 10.150 | .25282 | 2.4904 |
| #2 | 5.0314 | 4.9483 | 4.9038 | 5.0565 | 5.0490 | 10.249 | 10.176 | .25212 | 2.4931 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 24.897 | 1.0000 | 2.4609 | 1.2567 | 5.0615 | 2.5639 | 24.522 | 2.4916 | 1.2462 |
| Stddev | .023   | .0016  | .0000  | .0003  | .0485  | .0046  | .006   | .0001  | .0023  |
| %RSD   | .09052 | .16213 | .00114 | .02035 | .95766 | .18097 | .02334 | .00496 | .18717 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 24.881 | .99887 | 2.4609 | 1.2569 | 5.0958 | 2.5672 | 24.518 | 2.4917 | 1.2479 |
| #2 | 24.913 | 1.0012 | 2.4609 | 1.2565 | 5.0273 | 2.5606 | 24.526 | 2.4915 | 1.2446 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 25.122 | 2.5252 | 2.5010 | 25.384 | 5.0527 | 5.0369 | 4.9797 | 5.0684 | 4.9589 |
| Stddev | .077   | .0062  | .0071  | .149   | .0044  | .0153  | .0124  | .0378  | .0042  |
| %RSD   | .30794 | .24528 | .28556 | .58666 | .08765 | .30378 | .24984 | .74627 | .08386 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 25.067 | 2.5295 | 2.4960 | 25.279 | 5.0558 | 5.0261 | 4.9885 | 5.0416 | 4.9619 |
| #2 | 25.177 | 2.5208 | 2.5061 | 25.490 | 5.0496 | 5.0477 | 4.9709 | 5.0951 | 4.9560 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 5.0153 | 5.0659 | 5.046  | 5.0910 |
| Stddev | .0185  | .0070  | .004   | .0113  |
| %RSD   | .36839 | .13740 | .0854  | .22173 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 5.0022 | 5.0610 | 5.049 | 5.0830 |
| #2 | 5.0284 | 5.0708 | 5.043 | 5.0989 |

Sample Name: CCV02      Acquired: 6/13/2017 13:09:43      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV02      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 3941.4  | 77204.  | 4410.8  | 38.224 | 4120.7 |
| Stddev    | 6.6     | 472.    | 16.4    | .204   | 3.7    |
| %RSD      | .16675  | .61198  | .37155  | .23113 | .08937 |
| #1        | 3936.8  | 76870.  | 4422.4  | 88.368 | 4118.1 |
| #2        | 3946.1  | 77539.  | 4399.2  | 88.080 | 4123.3 |

Sample Name: CCB02      Acquired: 6/13/2017 13:13:35      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB02      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00255 | .00330 | .00055 | .00100 | .00043 | .01559 | .00037 | .00009 |
| Stddev | .00122 | .00003 | .00047 | .00098 | .00128 | .00810 | .00067 | .00006 |
| %RSD   | 47.736 | .81433 | 85.993 | 97.957 | 300.90 | 51.956 | 178.17 | 64.552 |

|    |        |         |         |        |         |        |         |         |
|----|--------|---------|---------|--------|---------|--------|---------|---------|
| #1 | .00341 | -.00332 | -.00088 | .00170 | -.00134 | .00986 | -.00010 | -.00013 |
| #2 | .00169 | -.00329 | -.00021 | .00031 | .00048  | .02132 | .00085  | -.00005 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00003 | .01466 | .00024 | .00027 | .00044 | .00581 | .00001 | .02315 |
| Stddev | .00003 | .00055 | .00004 | .00006 | .00009 | .00136 | .00002 | .00002 |
| %RSD   | 92.202 | 3.7701 | 17.368 | 20.764 | 20.176 | 23.454 | 244.08 | .08037 |

|    |         |         |         |         |         |         |         |         |
|----|---------|---------|---------|---------|---------|---------|---------|---------|
| #1 | -.00005 | -.01505 | -.00027 | -.00031 | -.00051 | -.00484 | -.00002 | -.02317 |
| #2 | -.00001 | -.01427 | -.00021 | -.00023 | -.00038 | -.00677 | .00001  | -.02314 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00011 | .00020 | .03768 | .00018 | .00021 | .02968 | .00254 | .00372 |
| Stddev | .00004 | .00006 | .00161 | .00040 | .00001 | .00928 | .00012 | .00801 |
| %RSD   | 36.498 | 32.494 | 4.2596 | 220.52 | 3.9169 | 31.255 | 4.6461 | 215.20 |

|    |         |         |         |         |         |        |        |         |
|----|---------|---------|---------|---------|---------|--------|--------|---------|
| #1 | -.00008 | -.00015 | -.03882 | -.00010 | -.00021 | .03624 | .00246 | -.00194 |
| #2 | -.00014 | -.00024 | -.03655 | .00046  | -.00022 | .02312 | .00263 | .00938  |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00760 | .00278 | .00150 | .00140 | .00132 | .0010  | .00017 |
| Stddev | .00217 | .00138 | .00057 | .00164 | .00057 | .0000  | .00007 |
| %RSD   | 28.542 | 49.736 | 37.889 | 117.42 | 42.942 | 1.180  | 39.713 |

|    |         |         |         |        |        |        |        |
|----|---------|---------|---------|--------|--------|--------|--------|
| #1 | -.00607 | -.00376 | -.00110 | .00024 | .00172 | -.0010 | .00021 |
| #2 | -.00913 | -.00180 | -.00191 | .00256 | .00092 | -.0010 | .00012 |

Sample Name: CCB02      Acquired: 6/13/2017 13:13:35      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB02      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4144.3  | 30344.  | 4610.7  | 37.394 | 4465.1 |
| Stddev    | 4.3     | 67.     | 4.6     | 1.399  | 13.0   |
| %RSD      | .10299  | .08301  | .09969  | 1.4361 | .29130 |
| #1        | 4147.3  | 80297.  | 4607.4  | 98.383 | 4474.3 |
| #2        | 4141.3  | 80391.  | 4613.9  | 96.405 | 4455.9 |

Sample Name: I3591-04      Acquired: 6/13/2017 13:17:47      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: E1-R9-BASE      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 12.076 | 31381  | 35.553 | 1.1367 | 5.7165 | 30.943 | 49.144 | .00558 |
| Stddev | .111   | .00135 | .112   | .0073  | .0198  | .007   | .302   | .00009 |
| %RSD   | .12064 | .43024 | .13103 | .64327 | .34658 | .00755 | .61367 | 1.6753 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 91.997 | .31285 | 85.474 | 1.1315 | 5.7025 | 90.939 | 49.357 | .00551 |
| #2 | 92.154 | .31476 | 85.632 | 1.1419 | 5.7305 | 90.948 | 48.931 | .00564 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .22411 | 121.12 | .71263 | .37310 | 3.1749 | 798.16 | 3.3482 | 12.249 |
| Stddev | .00044 | .17    | .00389 | .00047 | .0044  | 3.93   | .0001  | .030   |
| %RSD   | .19587 | .14419 | .54518 | .12466 | .13958 | .49275 | .00140 | .24854 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .22442 | 120.99 | .70988 | .37343 | 3.1717 | 795.38 | 3.3482 | 12.271 |
| #2 | .22380 | 121.24 | .71537 | .37277 | 3.1780 | 800.95 | 3.3482 | 12.227 |

|        |        |        |        |        |        |        |        |         |
|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | .84252 | .08892 | 3.8352 | .38279 | 16.851 | 9.9355 | .03910 | -.34233 |
| Stddev | .00008 | .00037 | .0305  | .00058 | .100   | .0308  | .00016 | .00897  |
| %RSD   | .00934 | .41495 | .34550 | .15058 | .59283 | .30983 | .41601 | 2.6199  |

|    |        |        |        |        |        |        |        |         |
|----|--------|--------|--------|--------|--------|--------|--------|---------|
| #1 | .84247 | .08866 | 8.8136 | .38238 | 16.781 | 9.9138 | .03922 | -.34868 |
| #2 | .84258 | .08918 | 8.8568 | .38319 | 16.922 | 9.9573 | .03899 | -.33599 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | 40.057 | 4.3691 | .25230 | .96061 | .15375 | 20.29  | 1.5150 |  |
| Stddev | .075   | .0241  | .00058 | .00246 | .00075 | .02    | .0014  |  |
| %RSD   | .18635 | .55262 | .22873 | .25656 | .48635 | .0995  | .08951 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | 40.004 | 4.3520 | .25190 | .95886 | .15322 | 20.28 | 1.5159 |  |
| #2 | 40.110 | 4.3862 | .25271 | .96235 | .15428 | 20.31 | 1.5140 |  |



Sample Name: I3591-04      Acquired: 6/13/2017 13:17:47      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: E1-R9-BASE      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4107.2  | 33498.  | 4840.3  | 38.560 | 3732.6 |
| Stddev    | 6.1     | 208.    | 14.2    | .289   | 6.8    |
| %RSD      | .14798  | .24931  | .29364  | .32640 | .18271 |
| #1        | 4102.9  | 83350.  | 4830.3  | 88.765 | 3727.8 |
| #2        | 4111.5  | 83645.  | 4850.4  | 88.356 | 3737.5 |

Sample Name: I3592-01      Acquired: 6/13/2017 13:21:47      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: SU-03-060917      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .05115 | .00783 | .42044 | .12178 | .00565 | 172.93 | .74609 | .00419 |
| Stddev | .00312 | .00208 | .00367 | .00216 | .00231 | .49    | .00049 | .00004 |
| %RSD   | 6.1028 | 26.603 | .87253 | 1.7745 | 40.944 | .28319 | .06617 | 1.0019 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .04894 | -.00930 | .41784 | .12025 | .00729 | 172.58 | .74644 | .00416 |
| #2 | .05335 | -.00636 | .42303 | .12331 | .00402 | 173.28 | .74574 | .00422 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00118 | 50.486 | .39604 | .19291 | .44134 | 345.38 | 4.4189 | 53.433 |
| Stddev | .00010 | .075   | .00104 | .00096 | .00221 | 4.22   | .0029  | .319   |
| %RSD   | 8.7873 | .14842 | .26259 | .49535 | .49979 | 1.2213 | .06631 | .59610 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00125 | 50.433 | .39531 | .19224 | .43978 | 342.39 | 4.4169 | 53.207 |
| #2 | .00110 | 50.539 | .39678 | .19359 | .44290 | 348.36 | 4.4210 | 53.658 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .30281 | .02391 | 7.5824 | .64671 | .65857 | 7.7370 | .00585 | .07486 |
| Stddev | .00244 | .00082 | .0103  | .00202 | .00871 | .0012  | .00025 | .00210 |
| %RSD   | .80578 | 3.4114 | .13601 | .31240 | 1.3232 | .01532 | 4.2835 | 2.8050 |

|    |        |        |        |        |        |        |        |         |
|----|--------|--------|--------|--------|--------|--------|--------|---------|
| #1 | .30109 | .02334 | 7.5897 | .64528 | .65241 | 7.7362 | .00603 | -.07635 |
| #2 | .30454 | .02449 | 7.5751 | .64814 | .66473 | 7.7379 | .00567 | -.07338 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.7863 | 1.6446 | .02457 | 7.2098 | .13587 | 7.714  | .14759 |
| Stddev | .0281  | .0045  | .00036 | .0075  | .00096 | .060   | .00095 |
| %RSD   | .58634 | .27490 | 1.4474 | .10340 | .70983 | .7839  | .64221 |

|    |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|-------|--------|
| #1 | 4.7664 | 1.6478 | .02482 | 7.2046 | .13519 | 7.672 | .14826 |
| #2 | 4.8061 | 1.6414 | .02432 | 7.2151 | .13655 | 7.757 | .14692 |

Sample Name: I3592-01      Acquired: 6/13/2017 13:21:47      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: SU-03-060917      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4853.4  | 97218.  | 5669.0  | 91.573 | 4071.7 |
| Stddev    | 20.1    | 59.     | 18.9    | 1.081  | 25.8   |
| %RSD      | .41356  | .06091  | .33353  | 1.1804 | .63330 |
| #1        | 4867.6  | 97260.  | 5682.4  | 92.337 | 4089.9 |
| #2        | 4839.2  | 97176.  | 5655.7  | 90.808 | 4053.5 |

Sample Name: I3594-01      Acquired: 6/13/2017 13:25:58      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: EO-01-060917      Custom ID2:      Custom ID3:  
Comment:

|        |        |         |        |        |        |        |        |        |
|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908  | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .04230 | -.00297 | .70206 | .10138 | .00746 | 168.30 | .71234 | .00430 |
| Stddev | .00045 | .00022  | .00423 | .00042 | .00071 | .49    | .00183 | .00004 |
| %RSD   | 1.0619 | 7.3450  | .60260 | .41592 | 9.5697 | .29204 | .25753 | 1.0229 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .04198 | -.00282 | .69907 | .10108 | .00696 | 167.96 | .71364 | .00433 |
| #2 | .04262 | -.00312 | .70505 | .10168 | .00797 | 168.65 | .71105 | .00426 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00106 | 55.575 | .26698 | .15254 | .54475 | 304.82 | 3.1539 | 58.670 |
| Stddev | .00004 | .120   | .00100 | .00001 | .00051 | 2.56   | .0001  | .113   |
| %RSD   | 3.3544 | .21589 | .37382 | .00787 | .09353 | .84066 | .00474 | .19201 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00104 | 55.490 | .26769 | .15255 | .54511 | 303.00 | 3.1540 | 58.591 |
| #2 | .00109 | 55.660 | .26627 | .15253 | .54439 | 306.63 | 3.1538 | 58.750 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .28794 | .02001 | 16.145 | .56161 | .76383 | 18.991 | .00353 | .11285 |
| Stddev | .00061 | .00035 | .009   | .00088 | .00158 | .027   | .00000 | .01604 |
| %RSD   | .21292 | 1.7706 | .05805 | .15633 | .20627 | .14385 | .04784 | 14.214 |

|    |        |        |        |        |        |        |        |         |
|----|--------|--------|--------|--------|--------|--------|--------|---------|
| #1 | .28837 | .01976 | 16.152 | .56223 | .76272 | 18.971 | .00353 | -.12420 |
| #2 | .28751 | .02026 | 16.138 | .56099 | .76495 | 19.010 | .00353 | -.10151 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | 5.4579 | 2.0261 | .04221 | 5.7071 | .15889 | 5.757  | .20190 |  |
| Stddev | .0295  | .0135  | .00108 | .0179  | .00092 | .032   | .00053 |  |
| %RSD   | .54007 | .66544 | 2.5683 | .26705 | .57763 | .4735  | .26355 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | 5.4370 | 2.0165 | .04298 | 6.6944 | .15954 | 6.734 | .20227 |  |
| #2 | 5.4787 | 2.0356 | .04145 | 6.7198 | .15825 | 6.780 | .20152 |  |

Sample Name: I3594-01      Acquired: 6/13/2017 13:25:58      Type: Unk  
 Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: EO-01-060917      Custom ID2:      Custom ID3:  
 Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4398.2  | 38271.  | 5094.6  | 91.077 | 4093.2 |
| Stddev    | 11.9    | 110.    | 10.4    | .348   | 17.1   |
| %RSD      | .27147  | .12430  | .20367  | .38161 | .41834 |
|           |         |         |         |        |        |
| #1        | 4406.6  | 88193.  | 5087.3  | 91.323 | 4105.3 |
| #2        | 4389.8  | 88348.  | 5102.0  | 90.831 | 4081.1 |

Sample Name: I3594-04      Acquired: 6/13/2017 13:30:04      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: EO-01-060917      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .05855 | .00003 | .46416 | .11381 | .00524 | 181.67 | 1.0039 | .00596 |
| Stddev | .00091 | .00018 | .00082 | .00024 | .00187 | .52    | .0024  | .00004 |
| %RSD   | 1.5470 | 558.31 | .17693 | .20963 | 35.640 | .28880 | .23533 | .67820 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .05920 | .00010  | .46358 | .11364 | .00656 | 182.04 | 1.0022 | .00599 |
| #2 | .05791 | -.00016 | .46474 | .11398 | .00392 | 181.30 | 1.0056 | .00593 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00128 | 78.734 | .29595 | .16399 | .45065 | 346.24 | 5.5128 | 35.828 |
| Stddev | .00006 | .164   | .00243 | .00031 | .00203 | 2.23   | .0089  | .064   |
| %RSD   | 4.9023 | .20892 | .81973 | .19156 | .45023 | .64423 | .13715 | .07431 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00132 | 78.618 | .29424 | .16376 | .45209 | 344.66 | 6.5192 | 85.783 |
| #2 | .00124 | 78.850 | .29767 | .16421 | .44922 | 347.82 | 6.5065 | 85.873 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .33130 | .02334 | 11.501 | .56241 | .87480 | 36.521 | .00404 | .07773 |
| Stddev | .00025 | .00043 | .034   | .00156 | .00765 | .068   | .00033 | .01393 |
| %RSD   | .07486 | 1.8446 | .29646 | .27755 | .87406 | .18564 | 8.2584 | 17.921 |

|    |        |        |        |        |        |        |        |         |
|----|--------|--------|--------|--------|--------|--------|--------|---------|
| #1 | .33147 | .02303 | 11.477 | .56131 | .86939 | 36.473 | .00381 | -.08758 |
| #2 | .33112 | .02364 | 11.525 | .56352 | .88020 | 36.569 | .00428 | -.06788 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 5.8619 | 2.5340 | .02969 | 7.1450 | .28488 | 7.694  | .26522 |
| Stddev | .0274  | .0189  | .00005 | .0097  | .00055 | .011   | .00012 |
| %RSD   | .46682 | .74425 | .16887 | .13606 | .19380 | .1478  | .04351 |

|    |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|-------|--------|
| #1 | 5.8425 | 2.5207 | .02966 | 7.1381 | .28527 | 7.685 | .26530 |
| #2 | 5.8812 | 2.5474 | .02973 | 7.1518 | .28449 | 7.702 | .26514 |

Sample Name: I3594-04      Acquired: 6/13/2017 13:30:04      Type: Unk  
 Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: EO-01-060917      Custom ID2:      Custom ID3:  
 Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4518.0  | 90780.  | 5253.9  | 38.771 | 4012.8 |
| Stddev    | 4.2     | 513.    | 5.0     | .457   | 2.9    |
| %RSD      | .09280  | .56513  | .09566  | .51492 | .07244 |
| #1        | 4515.0  | 90417.  | 5257.5  | 89.095 | 4010.8 |
| #2        | 4521.0  | 91143.  | 5250.4  | 88.448 | 4014.9 |

Sample Name: I3594-07      Acquired: 6/13/2017 13:34:13      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: EO-01-060917      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .07232 | .00373 | .47324 | .16982 | .00674 | 223.75 | .75880 | .00580 |
| Stddev | .00148 | .00368 | .00736 | .00048 | .00068 | .80    | .00969 | .00001 |
| %RSD   | 2.0503 | 98.515 | 1.5556 | .28065 | 10.042 | .35948 | 1.2769 | .09397 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .07337 | -.00633 | .47845 | .16949 | .00722 | 223.18 | .75195 | .00581 |
| #2 | .07127 | -.00113 | .46804 | .17016 | .00626 | 224.32 | .76565 | .00580 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00114 | 52.385 | .35416 | .22993 | .36331 | 490.40 | 5.5306 | 52.992 |
| Stddev | .00088 | .521   | .00172 | .00553 | .00755 | 2.68   | .0028  | .956   |
| %RSD   | 76.743 | .99548 | .48440 | 2.4032 | 2.0768 | .54589 | .04308 | 1.8046 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00176 | 52.016 | .35295 | .23384 | .36864 | 492.30 | 6.5325 | 52.316 |
| #2 | .00052 | 52.754 | .35538 | .22603 | .35797 | 488.51 | 6.5286 | 53.668 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .32238 | .03396 | 15.901 | .99401 | .80612 | 3.1111 | .00541 | .11870 |
| Stddev | .00667 | .00005 | .180   | .00414 | .00785 | .0982  | .00039 | .01713 |
| %RSD   | 2.0679 | .16032 | 1.1294 | .41632 | .97438 | 1.2106 | 7.2713 | 14.435 |

|    |        |        |        |        |        |        |        |         |
|----|--------|--------|--------|--------|--------|--------|--------|---------|
| #1 | .32710 | .03392 | 15.774 | .99109 | .81167 | 8.0417 | .00569 | -.10659 |
| #2 | .31767 | .03400 | 16.028 | .99694 | .80056 | 8.1806 | .00513 | -.13082 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | 7.9050 | 1.3440 | .03148 | 3.1074 | .17395 | 3.024  | .17636 |  |
| Stddev | .1515  | .0295  | .00000 | .0944  | .00255 | .148   | .00248 |  |
| %RSD   | 1.9168 | 2.1961 | .00376 | 1.1644 | 1.4653 | 1.846  | 1.4051 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | 8.0121 | 1.3232 | .03148 | 8.0406 | .17215 | 8.128 | .17460 |  |
| #2 | 7.7978 | 1.3649 | .03148 | 8.1741 | .17575 | 7.919 | .17811 |  |



Sample Name: I3594-07      Acquired: 6/13/2017 13:34:13      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: EO-01-060917      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4840.7  | 96347.  | 5534.9  | 39.613 | 4068.2 |
| Stddev    | 71.4    | 91.     | 53.8    | .692   | 81.4   |
| %RSD      | 1.4742  | .09492  | .97155  | .77197 | 1.9998 |
| #1        | 4790.3  | 96412.  | 5572.9  | 89.124 | 4010.7 |
| #2        | 4891.2  | 96283.  | 5496.8  | 90.103 | 4125.8 |

Sample Name: I3597-01      Acquired: 6/13/2017 13:38:30      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: 341-COMP      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |         |        |        |        |        |
|--------|--------|--------|--------|---------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960  | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    |
| Avg    | .16315 | .00263 | .20509 | -.01689 | .01268 | 149.66 | 1.2008 | .01211 |
| Stddev | .00029 | .00856 | .00499 | .00260  | .00327 | .23    | .0316  | .00019 |
| %RSD   | .17703 | 325.97 | 2.4334 | 15.375  | 25.817 | .15295 | 2.6275 | 1.5581 |

|    |        |         |        |         |        |        |        |        |
|----|--------|---------|--------|---------|--------|--------|--------|--------|
| #1 | .16295 | .00868  | .20862 | -.01505 | .01499 | 149.82 | 1.2231 | .01198 |
| #2 | .16335 | -.00343 | .20156 | -.01873 | .01036 | 149.50 | 1.1785 | .01225 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00364 | 990.91 | .53927 | .10180 | .40139 | 273.26 | 3.7862 | 35.884 |
| Stddev | .00081 | 21.12  | .00147 | .00046 | .00646 | 7.69   | .0264  | 1.705  |
| %RSD   | 22.208 | 2.1317 | .27282 | .45203 | 1.6084 | 2.8149 | .69700 | 2.5883 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00307 | 1005.8 | .53823 | .10212 | .39683 | 278.70 | 3.7675 | 67.090 |
| #2 | .00421 | 975.97 | .54031 | .10147 | .40596 | 267.82 | 3.8048 | 64.678 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .42319 | .01882 | 4.9172 | .43458 | 1.8652 | 17.984 | .04772 | .32772 |
| Stddev | .00097 | .00047 | .1501  | .00060 | .0461  | .553   | .00015 | .00939 |
| %RSD   | .22849 | 2.5053 | 3.0527 | .13817 | 2.4696 | 3.0748 | .31450 | 2.8653 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .42387 | .01916 | 5.0234 | .43415 | 1.8978 | 18.375 | .04783 | .33436 |
| #2 | .42250 | .01849 | 4.8111 | .43500 | 1.8326 | 17.593 | .04762 | .32108 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | 43.347 | 1.4080 | .03952 | 7.3116 | .16607 | 3.360  | 2.2117 |  |
| Stddev | .038   | .0285  | .00040 | .1687  | .00584 | .008   | .0626  |  |
| %RSD   | .08834 | 2.0277 | 1.0062 | 2.3076 | 3.5161 | .1269  | 2.8312 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | 43.320 | 1.4282 | .03980 | 7.4309 | .17020 | 6.365 | 2.2560 |  |
| #2 | 43.374 | 1.3879 | .03924 | 7.1923 | .16194 | 6.354 | 2.1674 |  |

Sample Name: I3597-01      Acquired: 6/13/2017 13:38:30      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: 341-COMP      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4348.7  | 39336.  | 5345.9  | 33.869 | 3759.9 |
| Stddev    | 2.0     | 410.    | 118.4   | 2.070  | 3.2    |
| %RSD      | .04709  | .45909  | 2.2146  | 2.4677 | .08416 |
| #1        | 4350.2  | 89626.  | 5262.2  | 82.406 | 3757.7 |
| #2        | 4347.3  | 89046.  | 5429.7  | 85.333 | 3762.1 |

Sample Name: I3598-01      Acquired: 6/13/2017 13:42:44      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: VNJ-204-COMP      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .09626 | .00111 | 1.8842 | .09893 | .01167 | 37.477 | 1.3267 | .00461 |
| Stddev | .00198 | .00005 | .0024  | .00080 | .00118 | .314   | .0016  | .00007 |
| %RSD   | 2.0619 | 4.7886 | .12477 | .80532 | 10.091 | .32234 | .11856 | 1.5250 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .09486 | -.00115 | 1.8859 | .09837 | .01250 | 97.699 | 1.3278 | .00466 |
| #2 | .09766 | -.00108 | 1.8825 | .09950 | .01084 | 97.255 | 1.3256 | .00456 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00682 | 71.100 | .30267 | .08754 | .91193 | 282.16 | 4.0376 | 48.415 |
| Stddev | .00009 | .035   | .00087 | .00051 | .00062 | 2.34   | .0049  | .096   |
| %RSD   | 1.3612 | .04852 | .28803 | .57794 | .06833 | .82938 | .12238 | .19884 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00689 | 71.076 | .30205 | .08790 | .91149 | 280.51 | 4.0411 | 48.347 |
| #2 | .00676 | 71.125 | .30328 | .08718 | .91237 | 283.82 | 4.0341 | 48.483 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .24837 | .02182 | 34.047 | .41519 | 2.4697 | 17.937 | .04057 | .03149 |
| Stddev | .00094 | .00072 | .207   | .00065 | .0101  | .047   | .00021 | .01549 |
| %RSD   | .37677 | 3.3019 | .24646 | .15673 | .40898 | .26262 | .51979 | 49.199 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .24903 | .02131 | 84.194 | .41565 | 2.4626 | 17.971 | .04072 | .02054 |
| #2 | .24771 | .02233 | 83.901 | .41473 | 2.4768 | 17.904 | .04042 | .04245 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | 130.84 | 4.3553 | .22814 | 2.8973 | .22055 | 6.930  | .40094 |  |
| Stddev | .09    | .0214  | .00040 | .0016  | .00107 | .007   | .00091 |  |
| %RSD   | .06978 | .49049 | .17365 | .05502 | .48402 | .1023  | .22820 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | 130.90 | 4.3402 | .22843 | 2.8984 | .21979 | 6.925 | .40158 |  |
| #2 | 130.78 | 4.3704 | .22786 | 2.8961 | .22130 | 6.935 | .40029 |  |

Sample Name: I3598-01      Acquired: 6/13/2017 13:42:44      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: VNJ-204-COMP      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4385.9  | 38484.  | 5120.8  | 39.962 | 4060.6 |
| Stddev    | 5.2     | 393.    | 8.0     | .421   | .4     |
| %RSD      | .11780  | .44393  | .15690  | .46810 | .00944 |
| #1        | 4389.6  | 88206.  | 5115.1  | 90.259 | 4060.9 |
| #2        | 4382.3  | 88762.  | 5126.5  | 89.664 | 4060.3 |

Sample Name: I3598-05      Acquired: 6/13/2017 13:46:46      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: VNJ-226-COMP      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    | .09067 | .00022 | .94801 | .09688 | .00445 | 114.14 | .58722 | .00523 | .00250 |
| Stddev | .00271 | .00202 | .00424 | .00069 | .00201 | .51    | .00374 | .00003 | .00025 |
| %RSD   | 2.9930 | 908.01 | .44677 | .71034 | 45.170 | .44775 | .63645 | .62221 | 10.015 |

|    |        |         |        |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .09259 | -.00121 | .94501 | .09640 | .00588 | 114.50 | .58987 | .00521 | .00268 |
| #2 | .08875 | .00165  | .95100 | .09737 | .00303 | 113.78 | .58458 | .00525 | .00232 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 59.333 | .29621 | .09280 | .60821 | 276.95 | 3.8535 | 59.131 | .23813 | .01949 |
| Stddev | .151   | .00127 | .00006 | .00201 | 2.00   | .0008  | .134   | .00029 | .00008 |
| %RSD   | .25375 | .42892 | .06224 | .32993 | .72262 | .02157 | .22695 | .12206 | .40928 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 59.439 | .29710 | .09276 | .60963 | 275.54 | 3.8529 | 59.036 | .23792 | .01943 |
| #2 | 59.227 | .29531 | .09284 | .60679 | 278.37 | 3.8540 | 59.226 | .23834 | .01955 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 70.205 | .40347 | 1.0348 | 20.082 | .04414 | .05444 | 203.84 | 4.6845 | .07372 |
| Stddev | .208   | .00088 | .0015  | .058   | .00036 | .00748 | .44    | .0224  | .00101 |
| %RSD   | .29653 | .21912 | .14946 | .28823 | .81073 | 13.735 | .21420 | .47821 | 1.3749 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 70.352 | .40409 | 1.0337 | 20.123 | .04439 | .05973 | 203.53 | 4.7003 | .07444 |
| #2 | 70.058 | .40284 | 1.0359 | 20.041 | .04389 | .04916 | 204.15 | 4.6686 | .07300 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.2851 | .29127 | 5.352  | 39758  |
| Stddev | .0070  | .00477 | .018   | .00105 |
| %RSD   | .30753 | 1.6391 | .3303  | .26291 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 2.2901 | .29465 | 5.340 | .39832 |
| #2 | 2.2801 | .28790 | 5.365 | .39684 |

Sample Name: I3598-05      Acquired: 6/13/2017 13:46:46      Type: Unk  
 Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: VNJ-226-COMP      Custom ID2:      Custom ID3:  
 Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4451.8  | 90227.  | 5223.3  | 90.906 | 4066.5 |
| Stddev    | 7.2     | 356.    | 32.0    | .037   | 3.8    |
| %RSD      | .16088  | .39453  | .61310  | .04112 | .09259 |
|           |         |         |         |        |        |
| #1        | 4446.8  | 89975.  | 5200.6  | 90.933 | 4063.8 |
| #2        | 4456.9  | 90478.  | 5245.9  | 90.880 | 4069.2 |

Sample Name: I3615-01      Acquired: 6/13/2017 13:50:49      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: HA4-WCA      Custom ID2:      Custom ID3:  
Comment:

|        |        |         |        |        |        |        |        |        |
|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908  | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .05781 | -.00338 | 1.4439 | .06617 | .00298 | 112.27 | .93845 | .00546 |
| Stddev | .00222 | .00018  | .0163  | .00447 | .00222 | .34    | .00175 | .00008 |
| %RSD   | 3.8318 | 5.3429  | 1.1286 | 6.7616 | 74.257 | .30702 | .18652 | 1.3894 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .05624 | -.00351 | 1.4554 | .06933 | .00455 | 112.03 | .93969 | .00540 |
| #2 | .05937 | -.00325 | 1.4324 | .06301 | .00142 | 112.51 | .93721 | .00551 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00346 | 110.48 | .22777 | .07817 | .57956 | 199.80 | 2.1943 | 34.524 |
| Stddev | .00028 | .11    | .00086 | .00126 | .00242 | 5.62   | .0034  | .059   |
| %RSD   | 8.0105 | .09592 | .37807 | 1.6166 | .41724 | 2.8137 | .15527 | .09204 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00326 | 110.56 | .22838 | .07906 | .58127 | 203.77 | 2.1967 | 64.482 |
| #2 | .00365 | 110.41 | .22716 | .07727 | .57785 | 195.82 | 2.1918 | 64.566 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .20527 | .01310 | 26.897 | .38350 | 2.1390 | 16.344 | .02412 | .08458 |
| Stddev | .00249 | .00114 | .020   | .00052 | .0695  | .025   | .00016 | .01157 |
| %RSD   | 1.2126 | 8.6810 | .07378 | .13570 | 3.2490 | .15362 | .67308 | 13.682 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .20703 | .01391 | 26.911 | .38386 | 2.1881 | 16.326 | .02424 | .09277 |
| #2 | .20351 | .01230 | 26.883 | .38313 | 2.0898 | 16.361 | .02401 | .07640 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 76.631 | 2.9445 | .11710 | 3.0863 | .28217 | 5.453  | .75072 |
| Stddev | .763   | .0174  | .00110 | .0135  | .00028 | .050   | .00090 |
| %RSD   | .99606 | .59222 | .94263 | .43752 | .09962 | .9085  | .11923 |

|    |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|-------|--------|
| #1 | 77.171 | 2.9321 | .11788 | 3.0959 | .28197 | 5.488 | .75009 |
| #2 | 76.091 | 2.9568 | .11632 | 3.0768 | .28236 | 5.418 | .75136 |



Sample Name: I3615-01      Acquired: 6/13/2017 13:50:49      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: HA4-WCA      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4330.7  | 37715.  | 5053.7  | 30.329 | 4105.2 |
| Stddev    | 32.7    | 195.    | 26.4    | 2.890  | 39.1   |
| %RSD      | .75477  | .22253  | .52213  | 3.1996 | .95328 |
| #1        | 4307.6  | 87577.  | 5035.0  | 88.285 | 4077.5 |
| #2        | 4353.9  | 87853.  | 5072.3  | 92.373 | 4132.8 |

Sample Name: I3615-05      Acquired: 6/13/2017 13:54:49      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: HA4-WCB      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |         |        |        |
|--------|--------|--------|--------|--------|--------|---------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961  | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     | ppm    | ppm    |
| Avg    | .11039 | .00532 | .34723 | .19135 | .00524 | .212.90 | 1.7194 | .00945 |
| Stddev | .00197 | .00216 | .00191 | .00299 | .00098 | .06     | .0042  | .00001 |
| %RSD   | 1.7874 | 40.544 | .54882 | 1.5605 | 18.687 | .02690  | .24423 | .07310 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .10900 | .00380 | .34588 | .18924 | .00455 | 212.86 | 1.7164 | .00945 |
| #2 | .11179 | .00685 | .34858 | .19346 | .00593 | 212.94 | 1.7223 | .00946 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00384 | 108.15 | .31732 | .25022 | .33527 | 562.29 | 5.0658 | 109.29 |
| Stddev | .00069 | .16    | .00017 | .00060 | .00193 | 5.35   | .0312  | .17    |
| %RSD   | 17.969 | .14464 | .05389 | .23903 | .57659 | .95082 | .51366 | .15319 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00433 | 108.04 | .31720 | .25064 | .33663 | 558.51 | 6.0438 | 109.17 |
| #2 | .00335 | 108.26 | .31744 | .24980 | .33390 | 566.07 | 6.0879 | 109.41 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .54250 | .03930 | 24.599 | .44711 | 1.2037 | 33.404 | .00127 | .04445 |
| Stddev | .00203 | .00109 | .072   | .00087 | .0166  | .091   | .00016 | .01821 |
| %RSD   | .37488 | 2.7820 | .29093 | .19555 | 1.3775 | .27339 | 12.353 | 40.962 |

|    |        |        |        |        |        |        |        |         |
|----|--------|--------|--------|--------|--------|--------|--------|---------|
| #1 | .54393 | .03853 | 24.548 | .44649 | 1.1920 | 33.339 | .00115 | -.05732 |
| #2 | .54106 | .04008 | 24.649 | .44773 | 1.2154 | 33.468 | .00138 | -.03157 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 9.1476 | 3.1419 | .01820 | 3.5882 | .40773 | 9.910  | .33220 |
| Stddev | .0023  | .0125  | .00044 | .0047  | .00114 | .005   | .00032 |
| %RSD   | .02532 | .39859 | 2.4232 | .13005 | .27861 | .0548  | .09512 |

|    |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|-------|--------|
| #1 | 9.1492 | 3.1330 | .01789 | 3.5849 | .40853 | 9.914 | .33198 |
| #2 | 9.1459 | 3.1507 | .01851 | 3.5915 | .40692 | 9.906 | .33243 |

Sample Name: I3615-05      Acquired: 6/13/2017 13:54:49      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: HA4-WCB      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4758.8  | 95849.  | 5509.8  | 36.399 | 3811.2 |
| Stddev    | 10.6    | 128.    | 15.3    | .982   | 12.2   |
| %RSD      | .22184  | .13321  | .27766  | 1.1368 | .31883 |
| #1        | 4751.3  | 95759.  | 5520.6  | 87.093 | 3802.6 |
| #2        | 4766.2  | 95939.  | 5499.0  | 85.704 | 3819.8 |

Sample Name: CCV03      Acquired: 6/13/2017 14:03:10      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: E2-R10-BASE      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 5.0476 | 4.9810 | 4.9126 | 5.0852 | 5.0668 | 10.316 | 10.251 | 25244  | 2.4923 |
| Stddev | .0115  | .0166  | .0098  | .0090  | .0008  | .016   | .028   | .00120 | .0024  |
| %RSD   | .22753 | .33284 | .19868 | .17663 | .01483 | .15942 | .27400 | .47409 | .09557 |
| #1     | 5.0557 | 4.9692 | 4.9057 | 5.0915 | 5.0663 | 10.305 | 10.231 | 25328  | 2.4906 |
| #2     | 5.0395 | 4.9927 | 4.9195 | 5.0788 | 5.0673 | 10.328 | 10.271 | 25159  | 2.4939 |
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 25.093 | 99969  | 2.4728 | 1.2605 | 5.1735 | 2.5677 | 24.845 | 2.4997 | 1.2459 |
| Stddev | .153   | .00124 | .0042  | .0012  | .0512  | .0028  | .008   | .0008  | .0003  |
| %RSD   | .61102 | .12417 | .17144 | .09277 | .98983 | .10902 | .03298 | .03152 | .02600 |
| #1     | 24.985 | 1.0006 | 2.4698 | 1.2597 | 5.2097 | 2.5658 | 24.851 | 2.4992 | 1.2461 |
| #2     | 25.202 | .99881 | 2.4758 | 1.2613 | 5.1373 | 2.5697 | 24.840 | 2.5003 | 1.2457 |
| Elem   | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 25.271 | 2.5278 | 2.5340 | 25.574 | 5.0741 | 5.0770 | 5.0098 | 5.1445 | 4.9734 |
| Stddev | .030   | .0023  | .0150  | .068   | .0069  | .0237  | .0065  | .0044  | .0089  |
| %RSD   | .11973 | .09102 | .59294 | .26541 | .13690 | .46711 | .12865 | .08626 | .17916 |
| #1     | 25.250 | 2.5262 | 2.5447 | 25.526 | 5.0692 | 5.0602 | 5.0052 | 5.1414 | 4.9671 |
| #2     | 25.293 | 2.5294 | 2.5234 | 25.622 | 5.0790 | 5.0938 | 5.0143 | 5.1477 | 4.9797 |
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |        |        |        |        |        |
| Units  | ppm    | ppm    | ppm    | ppm    |        |        |        |        |        |
| Avg    | 5.0700 | 5.1044 | 5.104  | 5.0508 |        |        |        |        |        |
| Stddev | .0095  | .0099  | .008   | .1048  |        |        |        |        |        |
| %RSD   | .18821 | .19368 | .1590  | 2.0740 |        |        |        |        |        |
| #1     | 5.0768 | 5.0974 | 5.110  | 5.1248 |        |        |        |        |        |
| #2     | 5.0633 | 5.1114 | 5.099  | 4.9767 |        |        |        |        |        |

Sample Name: CCV03      Acquired: 6/13/2017 14:03:10      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: E2-R10-BASE      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 3963.2  | 77723.  | 4399.0  | 37.807 | 4145.8 |
| Stddev    | 13.4    | 34.     | 10.3    | .809   | 7.6    |
| %RSD      | .33887  | .04325  | .23417  | .92088 | .18361 |
| #1        | 3953.7  | 77746.  | 4406.3  | 87.235 | 4140.4 |
| #2        | 3972.7  | 77699.  | 4391.7  | 88.379 | 4151.2 |

Sample Name: CCB03      Acquired: 6/13/2017 14:07:04      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: E2-R8-BASE      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00076 | .00252 | .00081 | .00405 | .00015 | .00150 | .00037 | .00006 |
| Stddev | .00044 | .00071 | .00071 | .00054 | .00103 | .01459 | .00007 | .00006 |
| %RSD   | 57.990 | 28.081 | 87.101 | 13.286 | 669.28 | 970.34 | 17.957 | 105.11 |

|    |        |         |         |        |         |         |        |         |
|----|--------|---------|---------|--------|---------|---------|--------|---------|
| #1 | .00107 | -.00302 | -.00132 | .00443 | -.00058 | .00881  | .00032 | -.00011 |
| #2 | .00045 | -.00202 | -.00031 | .00367 | .00089  | -.01182 | .00042 | -.00002 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00006 | .00407 | .00039 | .00027 | .00025 | .00222 | .00003 | .04073 |
| Stddev | .00000 | .01254 | .00022 | .00022 | .00064 | .01037 | .00009 | .01697 |
| %RSD   | .72628 | 307.85 | 57.316 | 80.574 | 252.02 | 467.57 | 320.04 | 41.663 |

|    |         |         |        |         |         |         |         |         |
|----|---------|---------|--------|---------|---------|---------|---------|---------|
| #1 | -.00006 | .01294  | .00023 | -.00012 | .00020  | .00512  | -.00009 | -.05273 |
| #2 | -.00006 | -.00479 | .00054 | -.00043 | -.00071 | -.00956 | .00004  | -.02873 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00031 | .00030 | .03058 | .00023 | .00028 | .02030 | .00270 | .00968 |
| Stddev | .00018 | .00006 | .01818 | .00015 | .00006 | .03916 | .00081 | .00337 |
| %RSD   | 55.982 | 19.959 | 59.466 | 66.403 | 21.656 | 192.91 | 30.170 | 34.802 |

|    |        |         |         |         |         |         |        |         |
|----|--------|---------|---------|---------|---------|---------|--------|---------|
| #1 | .00019 | -.00026 | -.04344 | -.00034 | -.00023 | .04799  | .00327 | -.00730 |
| #2 | .00044 | -.00034 | -.01772 | -.00012 | -.00032 | -.00739 | .00212 | -.01206 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00571 | .00205 | .00119 | .00299 | .00121 | .0012  | .00013 |
| Stddev | .00048 | .00224 | .00018 | .00044 | .00019 | .0004  | .00002 |
| %RSD   | 8.3212 | 109.37 | 15.243 | 14.639 | 15.597 | 31.05  | 14.198 |

|    |         |        |         |        |         |        |        |
|----|---------|--------|---------|--------|---------|--------|--------|
| #1 | -.00605 | .00363 | -.00106 | .00330 | -.00108 | -.0015 | .00012 |
| #2 | -.00537 | .00046 | -.00132 | .00268 | -.00135 | -.0009 | .00015 |

Sample Name: CCB03      Acquired: 6/13/2017 14:07:04      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: E2-R8-BASE      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4106.7  | 79624.  | 4485.3  | 94.678 | 4416.2 |
| Stddev    | 16.1    | 254.    | 26.4    | 1.565  | 7.9    |
| %RSD      | .39185  | .31856  | .58934  | 1.6527 | .17816 |
| #1        | 4118.1  | 79804.  | 4466.6  | 93.572 | 4421.8 |
| #2        | 4095.3  | 79445.  | 4504.0  | 95.785 | 4410.6 |

Sample Name: PB99736BL      Acquired: 6/13/2017 14:11:12      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: PB99736BL      Custom ID2:      Custom ID3:  
Comment:

|        |        |         |         |        |         |         |         |         |
|--------|--------|---------|---------|--------|---------|---------|---------|---------|
| Elem   | As1890 | Tl1908  | Pb2203  | Se1960 | Sb2068  | Al3961  | Ba4934  | Be2348  |
| Units  | ppm    | ppm     | ppm     | ppm    | ppm     | ppm     | ppm     | ppm     |
| Avg    | .00214 | -.00249 | -.00148 | .00358 | -.00032 | -.00108 | -.00011 | -.00010 |
| Stddev | .00091 | .00083  | .00121  | .00173 | .00046  | .02109  | .00048  | .00002  |
| %RSD   | 42.650 | 33.502  | 81.482  | 48.272 | 140.61  | 1958.0  | 439.98  | 21.125  |

|    |        |         |         |        |         |         |         |         |
|----|--------|---------|---------|--------|---------|---------|---------|---------|
| #1 | .00278 | -.00190 | -.00234 | .00236 | -.00065 | -.01599 | -.00045 | -.00011 |
| #2 | .00149 | -.00308 | -.00063 | .00480 | .00000  | .01383  | .00023  | -.00008 |

|        |        |         |        |         |         |        |         |         |
|--------|--------|---------|--------|---------|---------|--------|---------|---------|
| Elem   | Cd2265 | Ca3736  | Cr2677 | Co2286  | Cu2247  | Fe2404 | Mn2576  | Mg2790  |
| Units  | ppm    | ppm     | ppm    | ppm     | ppm     | ppm    | ppm     | ppm     |
| Avg    | .00001 | -.00740 | .00005 | -.00035 | -.00068 | .01581 | -.00010 | -.00387 |
| Stddev | .00003 | .00793  | .00049 | .00023  | .00003  | .00389 | .00004  | .01463  |
| %RSD   | 355.11 | 107.18  | 1085.2 | 65.391  | 5.0609  | 24.586 | 34.618  | 378.43  |

|    |         |         |         |         |         |        |         |         |
|----|---------|---------|---------|---------|---------|--------|---------|---------|
| #1 | .00003  | -.00179 | .00039  | -.00051 | -.00066 | .01856 | -.00013 | -.01421 |
| #2 | -.00001 | -.01300 | -.00030 | -.00019 | -.00071 | .01306 | -.00008 | .00648  |

|        |         |         |         |        |         |        |        |         |
|--------|---------|---------|---------|--------|---------|--------|--------|---------|
| Elem   | Ni2316  | Ag3280  | Na5895  | V_2924 | Zn2138  | K_7664 | Mo2020 | B_2496  |
| Units  | ppm     | ppm     | ppm     | ppm    | ppm     | ppm    | ppm    | ppm     |
| Avg    | -.00010 | -.00051 | -.04507 | .00006 | -.00029 | .01082 | .00085 | -.00828 |
| Stddev | .00035  | .00020  | .01082  | .00004 | .00006  | .04141 | .00006 | .00040  |
| %RSD   | 362.03  | 38.840  | 24.011  | 76.257 | 18.964  | 382.73 | 7.4643 | 4.8799  |

|    |         |         |         |        |         |         |        |         |
|----|---------|---------|---------|--------|---------|---------|--------|---------|
| #1 | .00015  | -.00037 | -.03742 | .00009 | -.00033 | .04010  | .00081 | -.00800 |
| #2 | -.00034 | -.00065 | -.05272 | .00003 | -.00025 | -.01846 | .00090 | -.00857 |

|        |         |         |         |        |         |        |         |
|--------|---------|---------|---------|--------|---------|--------|---------|
| Elem   | S_1820  | Si2881  | Sn1899  | Ti3361 | Li6707  | P_1774 | Sr4077  |
| Units  | ppm     | ppm     | ppm     | ppm    | ppm     | ppm    | ppm     |
| Avg    | -.00603 | -.00123 | -.00117 | .00242 | -.00207 | -.0010 | -.00003 |
| Stddev | .00284  | .00042  | .00066  | .00239 | .00117  | .0011  | .00005  |
| %RSD   | 47.027  | 34.387  | 56.649  | 98.811 | 56.745  | 103.2  | 185.03  |

|    |         |         |         |        |         |        |         |
|----|---------|---------|---------|--------|---------|--------|---------|
| #1 | -.00403 | -.00093 | -.00164 | .00073 | -.00290 | -.0003 | .00001  |
| #2 | -.00804 | -.00153 | -.00070 | .00411 | -.00124 | -.0018 | -.00007 |



Sample Name: PB99736BL      Acquired: 6/13/2017 14:11:12      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: PB99736BL      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4144.0  | 31267.  | 4597.5  | 98.023 | 4466.6 |
| Stddev    | 8.7     | 328.    | .2      | 2.422  | 6.3    |
| %RSD      | .20880  | .40347  | .00436  | 2.4707 | .14099 |
| #1        | 4137.9  | 81499.  | 4597.6  | 99.736 | 4462.2 |
| #2        | 4150.1  | 81035.  | 4597.3  | 96.311 | 4471.1 |

Sample Name: PB99736BS      Acquired: 6/13/2017 14:15:24      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: PB99736BS      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .78292 | 1.9677 | .99808 | 1.7373 | .77536 | 2.1660 | .22061 | .19760 |
| Stddev | .00096 | .0011  | .00139 | .0012  | .00007 | .0105  | .00065 | .00079 |
| %RSD   | .12253 | .05702 | .13928 | .06668 | .00932 | .48516 | .29404 | .40161 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .78224 | 1.9669 | .99710 | 1.7381 | .77541 | 2.1586 | .22107 | .19704 |
| #2 | .78359 | 1.9685 | .99906 | 1.7365 | .77531 | 2.1734 | .22015 | .19816 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .20450 | 1.1054 | .43434 | .21272 | .32658 | 3.2714 | .22430 | 2.1155 |
| Stddev | .00013 | .0191  | .00064 | .00007 | .00042 | .0656  | .00010 | .0114  |
| %RSD   | .06178 | 1.7233 | .14668 | .03086 | .12861 | 2.0060 | .04510 | .53832 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .20459 | 1.1188 | .43389 | .21277 | .32628 | 3.2250 | .22423 | 2.1075 |
| #2 | .20441 | 1.0919 | .43479 | .21268 | .32688 | 3.3178 | .22437 | 2.1236 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .53314 | .07449 | 3.2461 | .32349 | .20465 | 10.749 | .42598 | .31879 |
| Stddev | .00124 | .00094 | .0052  | .00004 | .00449 | .005   | .00017 | .00124 |
| %RSD   | .23204 | 1.2646 | .16117 | .01239 | 2.1945 | .04672 | .03968 | .38891 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .53227 | .07515 | 3.2424 | .32347 | .20147 | 10.746 | .42610 | .31967 |
| #2 | .53402 | .07382 | 3.2498 | .32352 | .20782 | 10.753 | .42586 | .31792 |

|        |          |        |        |        |        |        |        |  |
|--------|----------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820   | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm      | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | F .00266 | .89032 | .72314 | .21127 | .22049 | 5.600  | .21569 |  |
| Stddev | .00055   | .00580 | .00070 | .00504 | .00091 | .003   | .00054 |  |
| %RSD   | 20.547   | .65118 | .09735 | 2.3866 | .41359 | .0477  | .25092 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | .00305 | .89442 | .72264 | .20771 | .22113 | 5.601 | .21531 |  |
| #2 | .00227 | .88622 | .72363 | .21484 | .21984 | 5.598 | .21608 |  |

Sample Name: PB99736BS      Acquired: 6/13/2017 14:15:24      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: PB99736BS      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4067.8  | 30100.  | 4490.5  | 32.997 | 4390.6 |
| Stddev    | 15.7    | 93.     | 11.9    | 1.682  | 16.2   |
| %RSD      | .38593  | .11588  | .26421  | 1.8088 | .36884 |
| #1        | 4056.7  | 80166.  | 4482.2  | 94.187 | 4379.1 |
| #2        | 4078.9  | 80034.  | 4498.9  | 91.808 | 4402.0 |

Sample Name: PB99736TB      Acquired: 6/13/2017 14:19:23      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: PB99736TB      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00173 | .00543 | .00128 | .00681 | .00220 | .00794 | .00007 | .00026 |
| Stddev | .00141 | .00051 | .00098 | .00145 | .00163 | .01727 | .00090 | .00000 |
| %RSD   | 81.159 | 9.2988 | 76.428 | 21.206 | 74.207 | 217.36 | 1242.3 | .80240 |

|    |         |         |         |        |        |         |         |         |
|----|---------|---------|---------|--------|--------|---------|---------|---------|
| #1 | -.00074 | -.00579 | -.00059 | .00784 | .00104 | .02016  | .00071  | -.00026 |
| #2 | -.00273 | -.00508 | -.00197 | .00579 | .00335 | -.00427 | -.00057 | -.00026 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00019 | .03457 | .00019 | .00045 | .00168 | .01704 | .00052 | .01314 |
| Stddev | .00003 | .02552 | .00047 | .00009 | .00079 | .00314 | .00005 | .01849 |
| %RSD   | 13.416 | 73.809 | 247.39 | 20.744 | 46.925 | 18.410 | 8.7864 | 140.68 |

|    |         |        |         |         |        |        |        |         |
|----|---------|--------|---------|---------|--------|--------|--------|---------|
| #1 | -.00017 | .05262 | .00052  | -.00039 | .00112 | .01482 | .00056 | -.02622 |
| #2 | -.00021 | .01653 | -.00014 | -.00052 | .00223 | .01925 | .00049 | -.00007 |

|        |        |        |          |        |        |        |        |        |
|--------|--------|--------|----------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895   | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm      | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00252 | .00013 | F 327.04 | .00016 | .00417 | .08992 | .00045 | .00871 |
| Stddev | .00037 | .00075 | 1.05     | .00001 | .00003 | .01678 | .00017 | .00350 |
| %RSD   | 14.608 | 560.54 | .32178   | 8.3515 | .81862 | 18.658 | 38.219 | 40.229 |

|    |        |         |        |        |        |        |        |         |
|----|--------|---------|--------|--------|--------|--------|--------|---------|
| #1 | .00226 | .00040  | 326.30 | .00016 | .00414 | .07805 | .00057 | -.00623 |
| #2 | .00278 | -.00066 | 327.79 | .00015 | .00419 | .10178 | .00033 | -.01119 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .00891 | .00168 | .00190 | .00103 | .00201 | .0018  | .00002 |  |
| Stddev | .00105 | .00123 | .00001 | .00042 | .00073 | .0014  | .00009 |  |
| %RSD   | 11.761 | 73.389 | .70547 | 40.649 | 36.492 | 73.35  | 515.76 |  |

|    |        |        |        |        |        |       |         |  |
|----|--------|--------|--------|--------|--------|-------|---------|--|
| #1 | .00965 | .00255 | .00190 | .00133 | .00253 | .0009 | .00008  |  |
| #2 | .00817 | .00081 | .00191 | .00073 | .00149 | .0028 | -.00005 |  |

Sample Name: PB99736TB      Acquired: 6/13/2017 14:19:23      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: PB99736TB      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 3966.3  | 79169.  | 4425.6  | 30.894 | 4289.4 |
| Stddev    | 2.5     | 71.     | 7.5     | .118   | .1     |
| %RSD      | .06247  | .08972  | .17016  | .13025 | .00301 |
| #1        | 3968.0  | 79220.  | 4420.2  | 90.977 | 4289.5 |
| #2        | 3964.5  | 79119.  | 4430.9  | 90.810 | 4289.3 |

Sample Name: I3628-03      Acquired: 6/13/2017 14:23:42      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: COMPOSITE-1      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00142 | .00530 | .00113 | .01890 | .00046 | .05956 | .06654 | .00020 |
| Stddev | .00104 | .00237 | .00109 | .00191 | .00106 | .00865 | .00130 | .00002 |
| %RSD   | 73.186 | 44.749 | 97.178 | 10.084 | 230.16 | 14.527 | 1.9547 | 10.992 |

|    |        |         |         |         |         |        |        |         |
|----|--------|---------|---------|---------|---------|--------|--------|---------|
| #1 | .00068 | -.00698 | -.00035 | -.01755 | .00029  | .05344 | .06746 | -.00022 |
| #2 | .00215 | -.00362 | -.00190 | -.02024 | -.00121 | .06567 | .06563 | -.00019 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00061 | 211.64 | .00159 | .00038 | .01248 | .02454 | .26776 | 2.2648 |
| Stddev | .00005 | .53    | .00015 | .00005 | .00043 | .01365 | .00014 | .0128  |
| %RSD   | 8.7107 | .24833 | 9.1269 | 14.069 | 3.4745 | 55.629 | .05333 | .56418 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00064 | 211.26 | .00170 | .00042 | .01278 | .01489 | .26786 | 2.2739 |
| #2 | .00057 | 212.01 | .00149 | .00035 | .01217 | .03420 | .26766 | 2.2558 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00805 | .00001 | 315.61 | .00774 | .05139 | 2.7775 | .00215 | .04308 |
| Stddev | .00043 | .00004 | .91    | .00009 | .00157 | .0187  | .00020 | .00282 |
| %RSD   | 5.3636 | 604.55 | .28970 | 1.2227 | 3.0565 | .67461 | 9.4672 | 6.5398 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .00836 | .00004  | 316.26 | .00767 | .05250 | 2.7642 | .00230 | .04109 |
| #2 | .00774 | -.00002 | 314.96 | .00780 | .05028 | 2.7907 | .00201 | .04507 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 27.328 | 6.5783 | .00120 | .00517 | .00913 | .0208  | .61008 |
| Stddev | .013   | .0074  | .00091 | .00127 | .00109 | .0020  | .00003 |
| %RSD   | .04710 | .11184 | 75.894 | 24.534 | 11.887 | 9.411  | .00425 |

|    |        |        |        |         |        |       |        |
|----|--------|--------|--------|---------|--------|-------|--------|
| #1 | 27.319 | 6.5731 | .00184 | -.00427 | .00990 | .0222 | .61007 |
| #2 | 27.337 | 6.5835 | .00055 | -.00607 | .00836 | .0194 | .61010 |

Sample Name: I3628-03      Acquired: 6/13/2017 14:23:42      Type: Unk  
 Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: COMPOSITE-1      Custom ID2:      Custom ID3:  
 Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 3888.7  | 78189.  | 4404.6  | 30.932 | 4329.0 |
| Stddev    | 7.2     | 428.    | 6.1     | 2.746  | 3.0    |
| %RSD      | .18507  | .54677  | .13901  | 3.0196 | .06918 |
| #1        | 3883.6  | 77887.  | 4400.2  | 88.991 | 4326.9 |
| #2        | 3893.8  | 78491.  | 4408.9  | 92.874 | 4331.1 |

Sample Name: I3628-03DUP      Acquired: 6/13/2017 14:27:56      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: COMPOSITE-1      Custom ID2:      Custom ID3:  
Comment:

|        |        |         |         |         |        |        |        |         |
|--------|--------|---------|---------|---------|--------|--------|--------|---------|
| Elem   | As1890 | Tl1908  | Pb2203  | Se1960  | Sb2068 | Al3961 | Ba4934 | Be2348  |
| Units  | ppm    | ppm     | ppm     | ppm     | ppm    | ppm    | ppm    | ppm     |
| Avg    | .00178 | -.00517 | -.00067 | -.01693 | .00135 | .06037 | .06568 | -.00018 |
| Stddev | .00082 | .00053  | .00028  | .00121  | .00190 | .00519 | .00005 | .00001  |
| %RSD   | 46.189 | 10.170  | 41.375  | 7.1194  | 140.49 | 8.6041 | .07758 | 6.8354  |

|    |        |         |         |         |        |        |        |         |
|----|--------|---------|---------|---------|--------|--------|--------|---------|
| #1 | .00120 | -.00479 | -.00087 | -.01608 | .00269 | .05670 | .06565 | -.00017 |
| #2 | .00237 | -.00554 | -.00048 | -.01778 | .00001 | .06404 | .06572 | -.00019 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00050 | 208.69 | .00183 | .00061 | .01213 | .01442 | .26489 | 2.2181 |
| Stddev | .00001 | .74    | .00016 | .00010 | .00035 | .00778 | .00071 | .0202  |
| %RSD   | 2.8213 | .35580 | 8.9875 | 17.170 | 2.8714 | 53.930 | .26975 | .90993 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00051 | 209.22 | .00195 | .00054 | .01238 | .01991 | .26439 | 2.2038 |
| #2 | .00049 | 208.17 | .00171 | .00069 | .01189 | .00892 | .26540 | 2.2324 |

|        |        |         |        |        |        |        |        |        |
|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280  | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00839 | -.00004 | 311.21 | .00790 | .04934 | 2.7372 | .00223 | .03183 |
| Stddev | .00015 | .00006  | 3.95   | .00053 | .00021 | .0266  | .00012 | .00556 |
| %RSD   | 1.7880 | 159.92  | 1.2683 | 6.6667 | .42041 | .97156 | 5.2465 | 17.454 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .00829 | -.00008 | 314.00 | .00828 | .04948 | 2.7560 | .00215 | .02790 |
| #2 | .00850 | .00001  | 308.42 | .00753 | .04919 | 2.7184 | .00231 | .03576 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 27.479 | 6.5056 | .00068 | .00632 | .00931 | .0209  | .60620 |
| Stddev | .015   | .0492  | .00050 | .00018 | .00166 | .0017  | .00274 |
| %RSD   | .05401 | .75668 | 74.531 | 2.8945 | 17.846 | 7.961  | .45155 |

|    |        |        |        |         |        |       |        |
|----|--------|--------|--------|---------|--------|-------|--------|
| #1 | 27.469 | 6.5405 | .00103 | -.00645 | .00814 | .0197 | .60813 |
| #2 | 27.490 | 6.4708 | .00032 | -.00619 | .01049 | .0221 | .60426 |



Sample Name: I3628-03DUP      Acquired: 6/13/2017 14:27:56      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: COMPOSITE-1      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 3883.0  | 79216.  | 4480.6  | 93.984 | 4327.0 |
| Stddev    | 10.4    | 46.     | 38.7    | .859   | 9.1    |
| %RSD      | .26840  | .05835  | .86414  | .91398 | .21094 |
| #1        | 3875.7  | 79249.  | 4453.3  | 93.377 | 4320.5 |
| #2        | 3890.4  | 79183.  | 4508.0  | 94.592 | 4333.4 |

Sample Name: I3628-03LX5      Acquired: 6/13/2017 14:32:10      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: COMPOSITE-1      Custom ID2:      Custom ID3:  
Comment:

|        |        |         |         |         |         |        |        |         |
|--------|--------|---------|---------|---------|---------|--------|--------|---------|
| Elem   | As1890 | Tl1908  | Pb2203  | Se1960  | Sb2068  | Al3961 | Ba4934 | Be2348  |
| Units  | ppm    | ppm     | ppm     | ppm     | ppm     | ppm    | ppm    | ppm     |
| Avg    | .00143 | -.00346 | -.00179 | -.00033 | -.00114 | .03270 | .01304 | -.00006 |
| Stddev | .00140 | .00093  | .00030  | .00106  | .00057  | .00351 | .00080 | .00000  |
| %RSD   | 97.966 | 26.840  | 16.647  | 318.91  | 50.097  | 10.724 | 6.1626 | 1.3891  |

|    |        |         |         |         |         |        |        |         |
|----|--------|---------|---------|---------|---------|--------|--------|---------|
| #1 | .00241 | -.00412 | -.00200 | .00042  | -.00074 | .03022 | .01360 | -.00006 |
| #2 | .00044 | -.00280 | -.00158 | -.00108 | -.00154 | .03518 | .01247 | -.00006 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00001 | 42.781 | .00067 | .00015 | .00241 | .03620 | .05543 | .42531 |
| Stddev | .00001 | .182   | .00039 | .00011 | .00089 | .01385 | .00004 | .00377 |
| %RSD   | 39.324 | .42599 | 57.157 | 76.771 | 36.827 | 38.257 | .06807 | .88567 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | -.00002 | 42.652 | .00040 | .00022 | .00303 | .04599 | .05540 | .42797 |
| #2 | -.00001 | 42.910 | .00095 | .00007 | .00178 | .02641 | .05546 | .42265 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00188 | .00010 | 35.569 | .00143 | .01041 | .56771 | .00070 | .00826 |
| Stddev | .00059 | .00037 | .056   | .00015 | .00019 | .00390 | .00009 | .01483 |
| %RSD   | 31.618 | 353.48 | .08489 | 10.772 | 1.8641 | .68674 | 13.311 | 179.55 |

|    |        |         |        |        |        |        |        |         |
|----|--------|---------|--------|--------|--------|--------|--------|---------|
| #1 | .00230 | -.00016 | 65.609 | .00154 | .01054 | .56496 | .00064 | -.00223 |
| #2 | .00146 | .00036  | 65.530 | .00132 | .01027 | .57047 | .00077 | .01874  |

|        |        |        |         |         |        |        |        |
|--------|--------|--------|---------|---------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899  | Ti3361  | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm     | ppm     | ppm    | ppm    | ppm    |
| Avg    | 5.7395 | 1.4002 | -.00030 | -.00115 | .00402 | .0052  | .12309 |
| Stddev | .0032  | .0025  | .00033  | .00200  | .00130 | .0002  | .00053 |
| %RSD   | .05570 | .17802 | 107.29  | 174.92  | 32.315 | 3.850  | .42698 |

|    |        |        |         |         |        |       |        |
|----|--------|--------|---------|---------|--------|-------|--------|
| #1 | 5.7372 | 1.4019 | -.00007 | .00027  | .00493 | .0054 | .12346 |
| #2 | 5.7417 | 1.3984 | -.00053 | -.00256 | .00310 | .0051 | .12272 |

Sample Name: I3628-03LX5      Acquired: 6/13/2017 14:32:10      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: COMPOSITE-1      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4019.5  | 79603.  | 4465.9  | 93.707 | 4497.3 |
| Stddev    | 4.1     | 154.    | 15.7    | 1.068  | 2.9    |
| %RSD      | .10188  | .19346  | .35105  | 1.1399 | .06539 |
| #1        | 4016.6  | 79494.  | 4454.8  | 92.952 | 4495.2 |
| #2        | 4022.4  | 79712.  | 4476.9  | 94.462 | 4499.3 |

Sample Name: I3628-03MS      Acquired: 6/13/2017 14:36:18      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: COMPOSITE-1      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .87597 | 1.9852 | .97401 | 1.9002 | .84797 | 2.3657 | .30350 | .20798 | .19911 |
| Stddev | .00349 | .0006  | .00258 | .0144  | .00251 | .0400  | .00123 | .00103 | .00009 |
| %RSD   | .39820 | .03194 | .26502 | .75899 | .29631 | 1.6915 | .40439 | .49747 | .04699 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .87844 | 1.9847 | .97218 | 1.9104 | .84974 | 2.3940 | .30437 | .20871 | .19905 |
| #2 | .87351 | 1.9856 | .97583 | 1.8900 | .84619 | 2.3374 | .30263 | .20725 | .19918 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 241.65 | .43189 | .20575 | .34010 | 3.2758 | .51621 | 4.7018 | .51667 | .08063 |
| Stddev | 1.05   | .00165 | .00040 | .00026 | .0182  | .00160 | .0657  | .00114 | .00029 |
| %RSD   | .43332 | .38136 | .19344 | .07532 | .55522 | .30976 | 1.3965 | .22068 | .36088 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 242.39 | .43306 | .20603 | .34028 | 3.2887 | .51734 | 4.7482 | .51587 | .08083 |
| #2 | 240.91 | .43073 | .20547 | .33992 | 3.2630 | .51508 | 4.6554 | .51748 | .08042 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 359.61 | .34415 | .26167 | 14.768 | .45285 | .39027 | 30.543 | 3.4940 | .73514 |
| Stddev | .77    | .00205 | .00063 | .045   | .00053 | .00301 | .042   | .0160  | .00287 |
| %RSD   | .21408 | .59619 | .24126 | .30481 | .11767 | .77194 | .13903 | .18882 | .39077 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 360.16 | .34560 | .26123 | 14.800 | .45323 | .38814 | 30.513 | 8.4826 | .73311 |
| #2 | 359.07 | .34269 | .26212 | 14.736 | .45247 | .39240 | 30.573 | 8.5053 | .73717 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | .21725 | .25144 | 6.194  | .92411 |
| Stddev | .00138 | .00270 | .002   | .00416 |
| %RSD   | .63621 | 1.0730 | .0358  | .45011 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .21628 | .25335 | 6.195 | .92705 |
| #2 | .21823 | .24953 | 6.192 | .92117 |

Sample Name: I3628-03MS      Acquired: 6/13/2017 14:36:18      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: COMPOSITE-1      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 3834.9  | 77779.  | 4328.8  | 39.646 | 4238.0 |
| Stddev    | 16.4    | 567.    | 7.0     | .264   | 5.3    |
| %RSD      | .42874  | .72860  | .16060  | .29417 | .12491 |
| #1        | 3823.3  | 77378.  | 4323.9  | 89.832 | 4234.3 |
| #2        | 3846.5  | 78180.  | 4333.7  | 89.459 | 4241.7 |

Sample Name: I3628-03MSD      Acquired: 6/13/2017 14:40:18      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CLINTON-AVE-      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    | .87352 | 1.9817 | .97415 | 1.8978 | .84696 | 2.3833 | .30803 | .20985 | .19854 |
| Stddev | .00611 | .0005  | .00002 | .0090  | .00032 | .0341  | .00953 | .00153 | .00057 |
| %RSD   | .69913 | .02301 | .00158 | .47450 | .03793 | 1.4294 | 3.0942 | .73112 | .28600 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .86920 | 1.9814 | .97414 | 1.8914 | .84719 | 2.4074 | .31477 | .20877 | .19814 |
| #2 | .87784 | 1.9821 | .97416 | 1.9042 | .84673 | 2.3592 | .30129 | .21094 | .19894 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 244.69 | .43647 | .20599 | .33909 | 3.2496 | .52011 | 4.7963 | .51665 | .08140 |
| Stddev | 6.27   | .00301 | .00081 | .00064 | .1569  | .00181 | .0571  | .00103 | .00056 |
| %RSD   | 2.5607 | .68979 | .39187 | .18788 | 4.8275 | .34881 | 1.1905 | .19934 | .68204 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 249.12 | .43434 | .20542 | .33864 | 3.3605 | .51883 | 4.8367 | .51738 | .08101 |
| #2 | 240.26 | .43860 | .20656 | .33954 | 3.1387 | .52139 | 4.7560 | .51592 | .08180 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 366.62 | .34625 | .26187 | 15.002 | .45252 | .39591 | 30.440 | 3.6553 | .73558 |
| Stddev | 6.99   | .00179 | .00832 | .400   | .00045 | .02275 | .000   | .1883  | .00484 |
| %RSD   | 1.9079 | .51769 | 3.1772 | 2.6657 | .09863 | 5.7474 | .00108 | 2.1753 | .65822 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 371.57 | .34498 | .26775 | 15.285 | .45221 | .41200 | 30.440 | 8.7884 | .73216 |
| #2 | 361.68 | .34751 | .25598 | 14.719 | .45284 | .37982 | 30.440 | 8.5222 | .73901 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | .21847 | .25376 | 6.170  | .93690 |
| Stddev | .00651 | .00512 | .003   | .02545 |
| %RSD   | 2.9821 | 2.0167 | .0493  | 2.7159 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .22308 | .25738 | 6.172 | .95489 |
| #2 | .21386 | .25014 | 6.168 | .91891 |

Sample Name: I3628-03MSD      Acquired: 6/13/2017 14:40:18      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CLINTON-AVE-      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | In2306 | In2306 |
|-----------|--------|--------|--------|--------|--------|
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 3843.7 | 77353. | 4270.7 | 39.765 | 4250.1 |
| Stddev    | .9     | 279.   | 90.5   | 2.851  | 2.3    |
| %RSD      | .02236 | .36032 | 2.1182 | 3.1762 | .05467 |
| #1        | 3844.3 | 77550. | 4206.7 | 87.749 | 4248.4 |
| #2        | 3843.1 | 77156. | 4334.6 | 91.781 | 4251.7 |

Sample Name: I3628-03A      Acquired: 6/13/2017 14:49:39      Type: Unk  
Method: P4-ICP2(v2054)      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    | .88461 | 1.9979 | .97853 | 1.9626 | .85330 | 2.3162 | .29353 | .21042 | .19862 |
| Stddev | .00384 | .0101  | .00280 | .0060  | .00371 | .0082  | .00161 | .00051 | .00082 |
| %RSD   | .43386 | .50776 | .28650 | .30689 | .43513 | .35256 | .54804 | .24421 | .41117 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .88733 | 2.0051 | .98051 | 1.9669 | .85593 | 2.3104 | .29467 | .21005 | .19920 |
| #2 | .88190 | 1.9907 | .97655 | 1.9584 | .85068 | 2.3219 | .29239 | .21078 | .19804 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 214.06 | .42949 | .20679 | .34156 | 3.2134 | .48313 | 4.3903 | .51871 | .08077 |
| Stddev | .74    | .00165 | .00149 | .00011 | .0033  | .00122 | .0291  | .00258 | .00065 |
| %RSD   | .34557 | .38408 | .72137 | .03338 | .10220 | .25194 | .66192 | .49751 | .80230 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 214.58 | .42832 | .20784 | .34164 | 3.2111 | .48227 | 4.3697 | .52054 | .08123 |
| #2 | 213.54 | .43065 | .20573 | .34148 | 3.2157 | .48399 | 4.4108 | .51689 | .08031 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 322.53 | .34014 | .25890 | 14.436 | .46041 | .36416 | 27.752 | 7.8101 | .74640 |
| Stddev | .08    | .00236 | .00036 | .064   | .00104 | .00547 | .114   | .0514  | .00251 |
| %RSD   | .02493 | .69356 | .13818 | .44056 | .22497 | 1.5020 | .41171 | .65747 | .33686 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 322.59 | .33847 | .25915 | 14.481 | .46114 | .36803 | 27.833 | 7.7738 | .74817 |
| #2 | 322.48 | .34180 | .25864 | 14.391 | .45968 | .36029 | 27.671 | 7.8464 | .74462 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | .21682 | .24753 | 6.270  | .84340 |
| Stddev | .00011 | .00145 | .025   | .00557 |
| %RSD   | .04940 | .58619 | .3971  | .65991 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .21690 | .24855 | 6.287 | .84733 |
| #2 | .21674 | .24650 | 6.252 | .83946 |



Sample Name: I3628-03A      Acquired: 6/13/2017 14:49:39      Type: Unk  
Method: P4-ICP2(v2054)      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       | 3830.4  | 77869.  | 4317.0  | 39.888 | 4256.4 |
| Stddev    | 4.3     | 59.     | 3.2     | .153   | 12.4   |
| %RSD      | .11184  | .07623  | .07324  | .16978 | .29202 |
| #1        | 3827.4  | 77827.  | 4314.7  | 89.996 | 4247.6 |
| #2        | 3833.5  | 77911.  | 4319.2  | 89.780 | 4265.2 |

Sample Name: I3629-03      Acquired: 6/13/2017 14:53:38      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CLINTON-AVE-      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00108 | .00774 | .00053 | .00638 | .00033 | .11887 | .06756 | .00020 |
| Stddev | .00065 | .00152 | .00156 | .00053 | .00145 | .01511 | .00013 | .00002 |
| %RSD   | 60.280 | 19.590 | 292.68 | 8.3518 | 443.64 | 12.709 | .19831 | 7.9176 |

|    |         |         |         |        |         |        |        |         |
|----|---------|---------|---------|--------|---------|--------|--------|---------|
| #1 | -.00154 | -.00882 | -.00057 | .00676 | -.00070 | .12956 | .06747 | -.00021 |
| #2 | -.00062 | -.00667 | .00163  | .00600 | .00135  | .10819 | .06766 | -.00019 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00012 | 7.1302 | .00043 | .00050 | .00166 | .03348 | .01287 | .38225 |
| Stddev | .00004 | .0300  | .00051 | .00002 | .00001 | .00462 | .00005 | .02167 |
| %RSD   | 28.944 | .42049 | 118.52 | 4.1386 | .38956 | 13.795 | .36178 | 5.6695 |

|    |         |        |        |         |        |        |        |        |
|----|---------|--------|--------|---------|--------|--------|--------|--------|
| #1 | -.00015 | 7.1090 | .00007 | -.00049 | .00165 | .03675 | .01283 | .36692 |
| #2 | -.00010 | 7.1514 | .00079 | -.00052 | .00166 | .03021 | .01290 | .39757 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00108 | .00009 | 248.83 | .00021 | .01909 | .34286 | .00015 | .00347 |
| Stddev | .00018 | .00005 | 1.78   | .00017 | .00059 | .00115 | .00015 | .00449 |
| %RSD   | 16.962 | 56.797 | .71728 | 83.579 | 3.0780 | .33682 | 96.253 | 129.26 |

|    |        |         |        |        |        |        |        |         |
|----|--------|---------|--------|--------|--------|--------|--------|---------|
| #1 | .00095 | -.00006 | 247.57 | .00008 | .01867 | .34368 | .00026 | -.00030 |
| #2 | .00121 | -.00013 | 250.10 | .00033 | .01950 | .34205 | .00005 | -.00665 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .12760 | .35476 | .00035 | .00611 | .00240 | .0100  | .04017 |
| Stddev | .00266 | .00572 | .00049 | .00184 | .00025 | .0008  | .00007 |
| %RSD   | 2.0830 | 1.6111 | 142.80 | 30.164 | 10.477 | 8.227  | .16913 |

|    |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|-------|--------|
| #1 | .12948 | .35880 | .00000 | .00481 | .00257 | .0106 | .04022 |
| #2 | .12572 | .35072 | .00070 | .00741 | .00222 | .0094 | .04013 |

Sample Name: I3629-03      Acquired: 6/13/2017 14:53:38      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CLINTON-AVE-      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 3983.5  | 79488.  | 4445.4  | 91.173 | 4325.5 |
| Stddev    | 18.0    | 335.    | 15.0    | 2.462  | 18.0   |
| %RSD      | .45161  | .42204  | .33841  | 2.7004 | .41626 |
| #1        | 3970.8  | 79725.  | 4456.0  | 92.914 | 4312.7 |
| #2        | 3996.2  | 79250.  | 4434.8  | 89.433 | 4338.2 |

Sample Name: CCV04      Acquired: 6/13/2017 14:57:53      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV04      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 5.0399 | 4.9693 | 4.9138 | 5.0872 | 5.0791 | 10.212 | 10.174 | .25041 | 2.4881 |
| Stddev | .0140  | .0047  | .0043  | .0132  | .0173  | .021   | .020   | .00052 | .0039  |
| %RSD   | .27676 | .09434 | .08728 | .25844 | .34109 | .21049 | .19207 | .20784 | .15761 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 5.0498 | 4.9726 | 4.9168 | 5.0965 | 5.0913 | 10.196 | 10.188 | .25078 | 2.4909 |
| #2 | 5.0301 | 4.9660 | 4.9108 | 5.0779 | 5.0668 | 10.227 | 10.160 | .25004 | 2.4854 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 24.746 | .99896 | 2.4685 | 1.2567 | 5.0770 | 2.5453 | 24.442 | 2.4928 | 1.2434 |
| Stddev | .009   | .00022 | .0028  | .0007  | .0191  | .0000  | .117   | .0012  | .0017  |
| %RSD   | .03486 | .02245 | .11364 | .05218 | .37594 | .00113 | .47970 | .04677 | .13450 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 24.753 | .99911 | 2.4705 | 1.2563 | 5.0905 | 2.5453 | 24.360 | 2.4936 | 1.2423 |
| #2 | 24.740 | .99880 | 2.4665 | 1.2572 | 5.0635 | 2.5453 | 24.525 | 2.4919 | 1.2446 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 24.926 | 2.5164 | 2.5141 | 25.288 | 5.0773 | 4.9929 | 4.9956 | 5.0998 | 4.9749 |
| Stddev | .101   | .0010  | .0254  | .039   | .0098  | .0497  | .0061  | .0216  | .0028  |
| %RSD   | .40544 | .04124 | 1.0107 | .15259 | .19288 | .99508 | .12193 | .42267 | .05621 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 24.997 | 2.5156 | 2.5321 | 25.315 | 5.0842 | 4.9578 | 4.9999 | 5.1151 | 4.9729 |
| #2 | 24.855 | 2.5171 | 2.4962 | 25.261 | 5.0704 | 5.0281 | 4.9913 | 5.0846 | 4.9769 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 5.0059 | 5.0550 | 5.102  | 5.0988 |
| Stddev | .0025  | .0125  | .004   | .0055  |
| %RSD   | .04963 | .24774 | .0873  | .10791 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 5.0042 | 5.0639 | 5.105 | 5.1027 |
| #2 | 5.0077 | 5.0462 | 5.099 | 5.0949 |

Sample Name: CCV04      Acquired: 6/13/2017 14:57:53      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV04      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 3969.1  | 78851.  | 4478.3  | 38.472 | 4151.2 |
| Stddev    | 12.6    | 17.     | 18.9    | .894   | 10.1   |
| %RSD      | .31837  | .02181  | .42263  | 1.0110 | .24221 |
| #1        | 3960.2  | 78839.  | 4464.9  | 87.840 | 4144.1 |
| #2        | 3978.1  | 78864.  | 4491.7  | 89.105 | 4158.4 |

Sample Name: CCB04      Acquired: 6/13/2017 15:01:45      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB04      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00244 | .00434 | .00175 | .00335 | .00060 | .00854 | .00077 | .00012 |
| Stddev | .00041 | .00157 | .00038 | .00020 | .00116 | .00569 | .00085 | .00007 |
| %RSD   | 16.860 | 36.124 | 21.500 | 5.9406 | 191.28 | 66.611 | 110.65 | 58.422 |

|    |        |         |         |        |         |        |        |         |
|----|--------|---------|---------|--------|---------|--------|--------|---------|
| #1 | .00215 | -.00544 | -.00202 | .00321 | .00021  | .00452 | .00137 | -.00017 |
| #2 | .00273 | -.00323 | -.00148 | .00349 | -.00142 | .01257 | .00017 | -.00007 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00004 | .01367 | .00022 | .00038 | .00062 | .00558 | .00008 | .02481 |
| Stddev | .00005 | .01813 | .00008 | .00012 | .00043 | .00414 | .00002 | .00546 |
| %RSD   | 129.95 | 132.63 | 35.169 | 30.654 | 69.906 | 74.088 | 19.362 | 21.995 |

|    |         |         |        |         |         |         |         |         |
|----|---------|---------|--------|---------|---------|---------|---------|---------|
| #1 | .00000  | -.02650 | .00027 | -.00030 | -.00092 | -.00851 | -.00007 | -.02866 |
| #2 | -.00007 | -.00085 | .00016 | -.00046 | -.00031 | -.00266 | -.00009 | -.02095 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00004 | .00005 | .01168 | .00015 | .00030 | .02003 | .00291 | .00877 |
| Stddev | .00006 | .00020 | .01059 | .00018 | .00005 | .01990 | .00032 | .00926 |
| %RSD   | 145.76 | 425.47 | 90.693 | 124.14 | 16.707 | 99.366 | 10.857 | 105.61 |

|    |        |         |        |         |         |        |        |         |
|----|--------|---------|--------|---------|---------|--------|--------|---------|
| #1 | .00008 | -.00009 | .00419 | -.00028 | -.00027 | .03411 | .00313 | -.00222 |
| #2 | .00000 | .00019  | .01916 | -.00002 | -.00034 | .00596 | .00269 | -.01532 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00543 | .00288 | .00096 | .00067 | .00162 | .0007  | .00023 |
| Stddev | .00110 | .00154 | .00047 | .00228 | .00034 | .0006  | .00007 |
| %RSD   | 20.298 | 53.468 | 48.635 | 341.08 | 21.262 | 89.57  | 29.906 |

|    |         |         |         |         |        |        |        |
|----|---------|---------|---------|---------|--------|--------|--------|
| #1 | -.00465 | -.00179 | -.00063 | -.00095 | .00137 | -.0003 | .00018 |
| #2 | -.00621 | -.00397 | -.00129 | .00229  | .00186 | -.0011 | .00028 |

Sample Name: CCB04      Acquired: 6/13/2017 15:01:45      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB04      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4129.9  | 30753.  | 4587.7  | 95.942 | 4451.7 |
| Stddev    | 3.1     | 54.     | 7.8     | 1.024  | 9.8    |
| %RSD      | .07437  | .06691  | .16967  | 1.0676 | .21968 |
| #1        | 4127.7  | 80715.  | 4582.2  | 95.217 | 4444.8 |
| #2        | 4132.1  | 80791.  | 4593.2  | 96.666 | 4458.6 |

Sample Name: I3629-07      Acquired: 6/13/2017 15:05:58      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: SP-1      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00146 | .00780 | .00058 | .00567 | .00016 | .11040 | .12901 | .00022 |
| Stddev | .00186 | .00075 | .00029 | .00223 | .00036 | .00181 | .00026 | .00003 |
| %RSD   | 127.45 | 9.6018 | 50.009 | 39.287 | 218.02 | 1.6404 | .19789 | 15.995 |

|    |         |         |        |        |         |        |        |         |
|----|---------|---------|--------|--------|---------|--------|--------|---------|
| #1 | -.00014 | -.00727 | .00037 | .00724 | .00009  | .10912 | .12919 | -.00019 |
| #2 | -.00278 | -.00833 | .00078 | .00409 | -.00042 | .11168 | .12883 | -.00024 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00012 | 3.3827 | .00001 | .00011 | .00344 | .05321 | .02558 | .36352 |
| Stddev | .00004 | .0107  | .00050 | .00005 | .00011 | .00390 | .00000 | .02264 |
| %RSD   | 29.652 | .31602 | 3399.0 | 46.599 | 3.3450 | 7.3204 | .01426 | 6.2284 |

|    |         |        |         |         |        |        |        |        |
|----|---------|--------|---------|---------|--------|--------|--------|--------|
| #1 | -.00010 | 3.3751 | .00037  | -.00007 | .00336 | .05596 | .02558 | .34751 |
| #2 | -.00015 | 3.3902 | -.00034 | -.00014 | .00352 | .05046 | .02558 | .37953 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00144 | .00002 | 297.05 | .00011 | .02714 | .55523 | .00132 | .00343 |
| Stddev | .00042 | .00013 | 4.34   | .00008 | .00005 | .01194 | .00017 | .00453 |
| %RSD   | 29.250 | 836.16 | 1.4609 | 69.472 | .17534 | 2.1504 | 12.832 | 132.01 |

|    |        |         |        |         |        |        |        |        |
|----|--------|---------|--------|---------|--------|--------|--------|--------|
| #1 | .00114 | -.00011 | 293.98 | -.00006 | .02717 | .54679 | .00144 | .00664 |
| #2 | .00174 | .00007  | 300.12 | -.00016 | .02711 | .56367 | .00120 | .00023 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .42600 | .22401 | .00119 | .00521 | .00474 | .0028  | .01963 |
| Stddev | .00572 | .00145 | .00026 | .00025 | .00019 | .0014  | .00018 |
| %RSD   | 1.3420 | .64646 | 21.776 | 4.8040 | 4.0898 | 50.37  | .92315 |

|    |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|-------|--------|
| #1 | .43004 | .22298 | .00137 | .00538 | .00487 | .0018 | .01976 |
| #2 | .42196 | .22503 | .00101 | .00503 | .00460 | .0039 | .01951 |



Sample Name: I3629-07      Acquired: 6/13/2017 15:05:58      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: SP-1      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 3940.7  | 79751.  | 4475.9  | 91.714 | 4324.0 |
| Stddev    | 50.5    | 367.    | 21.2    | .710   | 50.3   |
| %RSD      | 1.2821  | .46012  | .47407  | .77391 | 1.1622 |
| #1        | 3905.0  | 79491.  | 4490.9  | 91.212 | 4288.5 |
| #2        | 3976.4  | 80010.  | 4460.9  | 92.216 | 4359.6 |

Sample Name: I3630-01      Acquired: 6/13/2017 15:10:15      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: SP-2      Custom ID2:      Custom ID3:  
Comment:

|        |        |         |         |         |         |        |        |         |
|--------|--------|---------|---------|---------|---------|--------|--------|---------|
| Elem   | As1890 | Tl1908  | Pb2203  | Se1960  | Sb2068  | Al3961 | Ba4934 | Be2348  |
| Units  | ppm    | ppm     | ppm     | ppm     | ppm     | ppm    | ppm    | ppm     |
| Avg    | .00029 | -.00758 | -.00311 | -.00736 | -.00157 | .06549 | .09259 | -.00023 |
| Stddev | .00016 | .00009  | .00064  | .00046  | .00123  | .01701 | .00014 | .00001  |
| %RSD   | 55.486 | 1.2506  | 20.438  | 6.1991  | 78.354  | 25.980 | .14915 | 5.4490  |

|    |        |         |         |         |         |        |        |         |
|----|--------|---------|---------|---------|---------|--------|--------|---------|
| #1 | .00041 | -.00752 | -.00356 | -.00768 | -.00070 | .05346 | .09269 | -.00022 |
| #2 | .00018 | -.00765 | -.00266 | -.00704 | -.00244 | .07752 | .09249 | -.00024 |

|        |         |        |        |         |        |        |        |        |
|--------|---------|--------|--------|---------|--------|--------|--------|--------|
| Elem   | Cd2265  | Ca3736 | Cr2677 | Co2286  | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm     | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    |
| Avg    | -.00025 | 143.98 | .00869 | -.00064 | .02904 | .02052 | .00052 | 1.3224 |
| Stddev | .00003  | .45    | .00036 | .00002  | .00079 | .00275 | .00001 | .0371  |
| %RSD   | 12.705  | .31148 | 4.1528 | 3.8731  | 2.7325 | 13.383 | 2.2284 | 2.8069 |

|    |         |        |        |         |        |        |        |        |
|----|---------|--------|--------|---------|--------|--------|--------|--------|
| #1 | -.00027 | 143.66 | .00843 | -.00065 | .02960 | .02246 | .00051 | 1.2962 |
| #2 | -.00023 | 144.29 | .00894 | -.00062 | .02848 | .01858 | .00053 | 1.3487 |

|        |        |         |        |        |        |        |        |        |
|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280  | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00154 | -.00001 | 255.80 | .00575 | .00199 | 5.8861 | .00330 | .02725 |
| Stddev | .00003 | .00022  | 2.70   | .00005 | .00003 | .0569  | .00048 | .00425 |
| %RSD   | 1.7830 | 1818.3  | 1.0552 | .93968 | 1.7126 | .96626 | 14.628 | 15.586 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .00156 | .00014  | 253.89 | .00571 | .00201 | 5.8459 | .00364 | .02424 |
| #2 | .00152 | -.00017 | 257.71 | .00579 | .00196 | 5.9263 | .00296 | .03025 |

|        |        |        |        |         |        |        |        |
|--------|--------|--------|--------|---------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361  | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    |
| Avg    | 5.8187 | 2.1289 | .00212 | -.00051 | .00557 | .0322  | .62514 |
| Stddev | .0626  | .0029  | .00046 | .00130  | .00002 | .0015  | .00040 |
| %RSD   | 1.0767 | .13817 | 21.626 | 254.70  | .34517 | 4.794  | .06364 |

|    |        |        |        |         |        |       |        |
|----|--------|--------|--------|---------|--------|-------|--------|
| #1 | 5.8630 | 2.1310 | .00179 | -.00143 | .00555 | .0333 | .62543 |
| #2 | 5.7744 | 2.1268 | .00244 | .00041  | .00558 | .0311 | .62486 |

Sample Name: I3630-01      Acquired: 6/13/2017 15:10:15      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: SP-2      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 3882.5  | 79003.  | 4448.3  | 90.864 | 4284.6 |
| Stddev    | 36.5    | 170.    | 3.8     | .630   | 45.5   |
| %RSD      | .94002  | .21533  | .08433  | .69348 | 1.0619 |
| #1        | 3856.7  | 78883.  | 4451.0  | 90.418 | 4252.5 |
| #2        | 3908.3  | 79123.  | 4445.7  | 91.310 | 4316.8 |

Sample Name: I3630-02      Acquired: 6/13/2017 15:14:33      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: SP-3      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00086 | .00747 | .00430 | .01327 | .00185 | .06097 | .12576 | .00024 |
| Stddev | .00004 | .00182 | .00068 | .00301 | .00081 | .00653 | .00184 | .00006 |
| %RSD   | 5.1431 | 24.423 | 15.821 | 22.650 | 43.963 | 10.703 | 1.4651 | 25.055 |

|    |         |         |         |         |         |        |        |         |
|----|---------|---------|---------|---------|---------|--------|--------|---------|
| #1 | -.00082 | -.00876 | -.00382 | -.01115 | -.00127 | .06558 | .12706 | -.00028 |
| #2 | -.00089 | -.00618 | -.00478 | -.01540 | -.00242 | .05635 | .12446 | -.00020 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00025 | 179.95 | .00893 | .00065 | .05383 | .00824 | .00027 | .80758 |
| Stddev | .00003 | 1.71   | .00054 | .00019 | .00001 | .00674 | .00002 | .03690 |
| %RSD   | 12.922 | .95237 | 6.0121 | 28.773 | .02241 | 81.761 | 7.8911 | 4.5689 |

|    |         |        |        |         |        |        |        |        |
|----|---------|--------|--------|---------|--------|--------|--------|--------|
| #1 | -.00022 | 181.16 | .00855 | -.00078 | .05382 | .01301 | .00028 | .83367 |
| #2 | -.00027 | 178.74 | .00930 | -.00052 | .05384 | .00348 | .00025 | .78149 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00196 | .00050 | 312.93 | .00965 | .00251 | 5.7977 | .00314 | .02214 |
| Stddev | .00015 | .00017 | .88    | .00002 | .00040 | .0670  | .00032 | .00361 |
| %RSD   | 7.6045 | 32.992 | .28051 | .23237 | 15.944 | 1.1561 | 10.170 | 16.284 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .00207 | -.00062 | 313.55 | .00963 | .00279 | 5.8450 | .00337 | .01959 |
| #2 | .00186 | -.00039 | 312.31 | .00967 | .00222 | 5.7503 | .00292 | .02469 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 7.2412 | 3.7473 | .00471 | .00209 | .00639 | .0434  | .78215 |
| Stddev | .0369  | .0491  | .00014 | .00279 | .00305 | .0017  | .00852 |
| %RSD   | .50939 | 1.3114 | 2.9266 | 133.34 | 47.780 | 4.012  | 1.0890 |

|    |        |        |        |         |        |       |        |
|----|--------|--------|--------|---------|--------|-------|--------|
| #1 | 7.2152 | 3.7821 | .00462 | -.00407 | .00855 | .0422 | .78817 |
| #2 | 7.2673 | 3.7126 | .00481 | -.00012 | .00423 | .0447 | .77612 |

Sample Name: I3630-02      Acquired: 6/13/2017 15:14:33      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: SP-3      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 3886.2  | 78873.  | 4407.9  | 91.732 | 4296.8 |
| Stddev    | 9.1     | 461.    | 48.5    | 1.107  | 16.0   |
| %RSD      | .23441  | .58463  | 1.1001  | 1.2072 | .37347 |
| #1        | 3892.6  | 78547.  | 4373.6  | 92.515 | 4308.2 |
| #2        | 3879.7  | 79199.  | 4442.2  | 90.949 | 4285.5 |

Sample Name: I3630-03      Acquired: 6/13/2017 15:18:49      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: SP-4      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00069 | .00774 | .00269 | .01226 | .00150 | .07815 | .12701 | .00027 |
| Stddev | .00442 | .00254 | .00075 | .00211 | .00010 | .01129 | .00092 | .00007 |
| %RSD   | 639.16 | 32.808 | 28.028 | 17.210 | 6.3722 | 14.445 | .72044 | 24.324 |

|    |         |         |         |         |         |        |        |         |
|----|---------|---------|---------|---------|---------|--------|--------|---------|
| #1 | -.00382 | -.00954 | -.00322 | -.01077 | -.00156 | .07017 | .12766 | -.00032 |
| #2 | .00243  | -.00595 | -.00216 | -.01375 | -.00143 | .08614 | .12636 | -.00022 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00022 | 181.09 | .01064 | .00068 | .04374 | .00956 | .00049 | .95149 |
| Stddev | .00004 | 3.28   | .00082 | .00013 | .00052 | .00040 | .00002 | .00542 |
| %RSD   | 18.577 | 1.8108 | 7.6900 | 18.701 | 1.1848 | 4.2114 | 3.2553 | .56986 |

|    |         |        |        |         |        |        |        |        |
|----|---------|--------|--------|---------|--------|--------|--------|--------|
| #1 | -.00019 | 178.78 | .01122 | -.00077 | .04337 | .00984 | .00048 | .95532 |
| #2 | -.00025 | 183.41 | .01006 | -.00059 | .04411 | .00927 | .00050 | .94766 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00216 | .00021 | 318.53 | .00943 | .01082 | 3.0903 | .00321 | .03384 |
| Stddev | .00003 | .00034 | 5.21   | .00015 | .00011 | .1062  | .00044 | .01143 |
| %RSD   | 1.3855 | 160.97 | 1.6353 | 1.6173 | 1.0482 | 1.7432 | 13.752 | 33.766 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .00213 | -.00046 | 314.84 | .00932 | .01074 | 6.0152 | .00290 | .04193 |
| #2 | .00218 | .00003  | 322.21 | .00953 | .01090 | 6.1654 | .00352 | .02576 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 7.1305 | 3.6412 | .00033 | .00463 | .00580 | .0322  | .78314 |
| Stddev | .0202  | .0638  | .00059 | .00104 | .00065 | .0013  | .01314 |
| %RSD   | .28288 | 1.7519 | 180.15 | 22.369 | 11.137 | 3.997  | 1.6784 |

|    |        |        |         |         |        |       |        |
|----|--------|--------|---------|---------|--------|-------|--------|
| #1 | 7.1448 | 3.5961 | .00074  | -.00390 | .00534 | .0331 | .77384 |
| #2 | 7.1162 | 3.6863 | -.00009 | -.00536 | .00626 | .0313 | .79243 |

Sample Name: I3630-03      Acquired: 6/13/2017 15:18:49      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: SP-4      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 3858.4  | 78030.  | 4398.9  | 30.917 | 4249.7 |
| Stddev    | 22.3    | 355.    | 75.4    | 3.151  | 10.8   |
| %RSD      | .57782  | .45525  | 1.7152  | 3.4661 | .25391 |
| #1        | 3842.7  | 77779.  | 4452.3  | 93.145 | 4242.1 |
| #2        | 3874.2  | 78282.  | 4345.6  | 88.688 | 4257.3 |

Sample Name: I3630-04      Acquired: 6/13/2017 15:23:05      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: SP-5      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00050 | .00739 | .00230 | .01393 | .00066 | .31511 | .18209 | .00030 |
| Stddev | .00020 | .00058 | .00051 | .00272 | .00081 | .00812 | .00022 | .00000 |
| %RSD   | 40.057 | 7.8441 | 22.197 | 19.518 | 122.78 | 2.5766 | .11931 | .79625 |

|    |         |         |         |         |         |        |        |         |
|----|---------|---------|---------|---------|---------|--------|--------|---------|
| #1 | -.00036 | -.00780 | -.00266 | -.01586 | -.00124 | .30937 | .18194 | -.00030 |
| #2 | -.00064 | -.00698 | -.00193 | -.01201 | -.00009 | .32085 | .18225 | -.00030 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00026 | 184.36 | .01392 | .00074 | .06791 | .00436 | .00009 | .03491 |
| Stddev | .00011 | .02    | .00003 | .00013 | .00018 | .00755 | .00004 | .02731 |
| %RSD   | 40.668 | .01088 | .23530 | 16.913 | .26161 | 173.15 | 42.089 | 78.221 |

|    |         |        |        |         |        |         |        |        |
|----|---------|--------|--------|---------|--------|---------|--------|--------|
| #1 | -.00018 | 184.37 | .01390 | -.00083 | .06778 | -.00098 | .00007 | .01560 |
| #2 | -.00033 | 184.34 | .01394 | -.00065 | .06803 | .00969  | .00012 | .05422 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00291 | .00014 | 305.84 | .00357 | .00362 | 3.9547 | .00349 | .01334 |
| Stddev | .00005 | .00035 | 1.43   | .00040 | .00007 | .0451  | .00007 | .00480 |
| %RSD   | 1.6440 | 256.61 | .46747 | 11.080 | 1.8823 | .50375 | 1.8636 | 36.005 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .00288 | .00011  | 306.85 | .00385 | .00367 | 8.9866 | .00354 | .01674 |
| #2 | .00294 | -.00038 | 304.83 | .00329 | .00357 | 8.9228 | .00345 | .00995 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | 5.7009 | 2.1480 | .00162 | .00454 | .00466 | .0242  | .96798 |  |
| Stddev | .0157  | .0052  | .00054 | .00092 | .00170 | .0014  | .00105 |  |
| %RSD   | .27461 | .24238 | 33.410 | 20.308 | 36.466 | 5.812  | .10821 |  |

|    |        |        |        |         |        |       |        |  |
|----|--------|--------|--------|---------|--------|-------|--------|--|
| #1 | 5.7119 | 2.1517 | .00124 | -.00389 | .00586 | .0252 | .96723 |  |
| #2 | 5.6898 | 2.1444 | .00200 | -.00519 | .00346 | .0232 | .96872 |  |



Sample Name: I3630-04      Acquired: 6/13/2017 15:23:05      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: SP-5      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 3888.5  | 79122.  | 4473.6  | 91.610 | 4273.6 |
| Stddev    | 21.4    | 248.    | 9.0     | .286   | 25.2   |
| %RSD      | .54955  | .31329  | .20174  | .31213 | .59010 |
| #1        | 3873.4  | 79297.  | 4467.2  | 91.408 | 4255.7 |
| #2        | 3903.7  | 78946.  | 4480.0  | 91.812 | 4291.4 |

Sample Name: I3630-05      Acquired: 6/13/2017 15:27:22      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: SP-6      Custom ID2:      Custom ID3:  
Comment:

|        |        |         |        |         |        |        |        |         |
|--------|--------|---------|--------|---------|--------|--------|--------|---------|
| Elem   | As1890 | Tl1908  | Pb2203 | Se1960  | Sb2068 | Al3961 | Ba4934 | Be2348  |
| Units  | ppm    | ppm     | ppm    | ppm     | ppm    | ppm    | ppm    | ppm     |
| Avg    | .00004 | -.00619 | .08150 | -.01240 | .00113 | .06838 | .22804 | -.00025 |
| Stddev | .00042 | .00145  | .00183 | .00089  | .00084 | .01049 | .00049 | .00003  |
| %RSD   | 1039.9 | 23.465  | 2.2465 | 7.1923  | 73.787 | 15.333 | .21343 | 10.389  |

|    |         |         |        |         |        |        |        |         |
|----|---------|---------|--------|---------|--------|--------|--------|---------|
| #1 | .00034  | -.00516 | .08021 | -.01303 | .00172 | .07580 | .22839 | -.00027 |
| #2 | -.00026 | -.00722 | .08280 | -.01177 | .00054 | .06097 | .22770 | -.00023 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00126 | 178.97 | .00461 | .00029 | .00859 | .00830 | .16370 | 3.8620 |
| Stddev | .00003 | .04    | .00026 | .00001 | .00090 | .00282 | .00051 | .1035  |
| %RSD   | 2.6498 | .02094 | 5.7358 | 4.7519 | 10.505 | 33.938 | .31392 | 2.6800 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00124 | 179.00 | .00443 | .00030 | .00795 | .00631 | .16407 | 3.7888 |
| #2 | .00128 | 178.94 | .00480 | .00028 | .00923 | .01029 | .16334 | 3.9352 |

|        |        |         |        |        |        |        |        |        |
|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280  | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00642 | -.00005 | 304.33 | .00087 | .51701 | 4.8190 | .00172 | .05015 |
| Stddev | .00024 | .00012  | 2.45   | .00021 | .00848 | .0527  | .00029 | .00080 |
| %RSD   | 3.6625 | 228.02  | .80621 | 24.704 | 1.6399 | 1.0939 | 17.116 | 1.5973 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .00659 | -.00014 | 302.60 | .00072 | .52301 | 4.8563 | .00192 | .05072 |
| #2 | .00626 | .00003  | 306.07 | .00102 | .51102 | 4.7817 | .00151 | .04959 |

|        |        |        |        |         |        |        |        |
|--------|--------|--------|--------|---------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361  | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    |
| Avg    | 4.3792 | 7.1607 | .00149 | -.00436 | .01492 | .0580  | .85208 |
| Stddev | .0362  | .0133  | .00045 | .00262  | .00179 | .0010  | .00283 |
| %RSD   | .82681 | .18507 | 30.419 | 60.108  | 12.021 | 1.791  | .33197 |

|    |        |        |        |         |        |       |        |
|----|--------|--------|--------|---------|--------|-------|--------|
| #1 | 4.3536 | 7.1700 | .00181 | -.00250 | .01365 | .0587 | .85408 |
| #2 | 4.4049 | 7.1513 | .00117 | -.00621 | .01618 | .0572 | .85008 |

Sample Name: I3630-05      Acquired: 6/13/2017 15:27:22      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: SP-6      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 3872.1  | 79056.  | 4457.0  | 31.973 | 4294.2 |
| Stddev    | 23.4    | 88.     | 13.2    | 1.461  | 32.2   |
| %RSD      | .60425  | .11163  | .29651  | 1.5888 | .74916 |
| #1        | 3888.6  | 79119.  | 4447.6  | 90.939 | 4316.9 |
| #2        | 3855.6  | 78994.  | 4466.3  | 93.006 | 4271.4 |

Sample Name: I3630-06      Acquired: 6/13/2017 15:31:35      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: TP-7      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00113 | .00817 | .07741 | .01314 | .00246 | .07076 | .18383 | .00022 |
| Stddev | .00061 | .00110 | .00102 | .00012 | .00009 | .00572 | .00194 | .00003 |
| %RSD   | 54.260 | 13.450 | 1.3163 | .92719 | 3.5918 | 8.0908 | 1.0566 | 13.618 |

|    |         |         |        |         |        |        |        |         |
|----|---------|---------|--------|---------|--------|--------|--------|---------|
| #1 | -.00156 | -.00739 | .07814 | -.01306 | .00252 | .06671 | .18521 | -.00024 |
| #2 | -.00069 | -.00895 | .07669 | -.01323 | .00240 | .07480 | .18246 | -.00020 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00230 | 179.66 | .00454 | .00006 | .00896 | .00951 | .21346 | 4.2685 |
| Stddev | .00012 | 1.07   | .00037 | .00004 | .00024 | .00067 | .00339 | .0206  |
| %RSD   | 5.0657 | .59360 | 8.2101 | 69.626 | 2.6710 | 7.0460 | 1.5861 | .48313 |

|    |        |        |        |         |        |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|--------|
| #1 | .00238 | 180.42 | .00428 | -.00003 | .00879 | .00998 | .21106 | 4.2831 |
| #2 | .00222 | 178.91 | .00480 | -.00009 | .00913 | .00903 | .21585 | 4.2539 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00838 | .00008 | 317.96 | .00046 | .67665 | 5.1261 | .00156 | .06476 |
| Stddev | .00043 | .00006 | 4.53   | .00003 | .02207 | .0474  | .00013 | .00312 |
| %RSD   | 5.1730 | 75.911 | 1.4248 | 6.5178 | 3.2620 | .92531 | 8.1310 | 4.8197 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00869 | .00013 | 321.16 | .00048 | .69226 | 5.1597 | .00165 | .06697 |
| #2 | .00808 | .00004 | 314.76 | .00044 | .66104 | 5.0926 | .00147 | .06255 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | 5.6235 | 7.9905 | .00118 | .00145 | .01760 | .0594  | .78142 |  |
| Stddev | .0896  | .1160  | .00039 | .00034 | .00266 | .0014  | .00586 |  |
| %RSD   | 1.5935 | 1.4511 | 33.064 | 23.210 | 15.133 | 2.420  | .74970 |  |

|    |        |        |        |         |        |       |        |  |
|----|--------|--------|--------|---------|--------|-------|--------|--|
| #1 | 5.6869 | 8.0725 | .00146 | -.00168 | .01572 | .0604 | .78556 |  |
| #2 | 5.5602 | 7.9085 | .00090 | -.00121 | .01949 | .0583 | .77727 |  |

Sample Name: I3630-06      Acquired: 6/13/2017 15:31:35      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: TP-7      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 3823.1  | 78262.  | 4452.7  | 32.136 | 4230.7 |
| Stddev    | 57.1    | 1257.   | 49.8    | 2.895  | 61.5   |
| %RSD      | 1.4944  | 1.6060  | 1.1188  | 3.1418 | 1.4546 |
| #1        | 3782.7  | 79151.  | 4417.5  | 90.089 | 4187.2 |
| #2        | 3863.5  | 77374.  | 4487.9  | 94.183 | 4274.2 |

Sample Name: I3630-07      Acquired: 6/13/2017 15:35:48      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: TP-8      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00292 | .00780 | .14867 | .00243 | .00059 | .05641 | .27691 | .00022 |
| Stddev | .00038 | .00246 | .00030 | .00032 | .00200 | .00808 | .00372 | .00001 |
| %RSD   | 13.161 | 31.524 | .20278 | 13.298 | 337.00 | 14.333 | 1.3430 | 4.6231 |

|    |         |         |        |        |         |        |        |         |
|----|---------|---------|--------|--------|---------|--------|--------|---------|
| #1 | -.00265 | -.00606 | .14846 | .00266 | .00201  | .06212 | .27954 | -.00022 |
| #2 | -.00319 | -.00954 | .14889 | .00220 | -.00082 | .05069 | .27428 | -.00023 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00111 | 23.989 | .00102 | .00071 | .00835 | .00751 | .02179 | .80014 |
| Stddev | .00014 | .191   | .00004 | .00009 | .00023 | .01059 | .00039 | .00716 |
| %RSD   | 12.625 | .79800 | 3.6650 | 12.112 | 2.7915 | 141.01 | 1.7805 | .89546 |

|    |        |        |        |         |        |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|--------|
| #1 | .00101 | 24.124 | .00104 | -.00077 | .00851 | .01500 | .02152 | .80521 |
| #2 | .00121 | 23.853 | .00099 | -.00065 | .00818 | .00002 | .02207 | .79507 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00409 | .00005 | 315.72 | .00040 | .86418 | .80858 | .00004 | .01365 |
| Stddev | .00016 | .00011 | 1.51   | .00017 | .01651 | .03469 | .00007 | .01030 |
| %RSD   | 3.8433 | 215.92 | .47880 | 42.978 | 1.9106 | 4.2903 | 190.53 | 75.476 |

|    |        |         |        |        |        |        |         |        |
|----|--------|---------|--------|--------|--------|--------|---------|--------|
| #1 | .00398 | -.00013 | 316.79 | .00028 | .87585 | .83311 | -.00009 | .00637 |
| #2 | .00420 | .00003  | 314.65 | .00052 | .85250 | .78405 | .00001  | .02094 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .19856 | .56407 | .00185 | .00136 | .01583 | .0351  | .12166 |
| Stddev | .00313 | .00869 | .00002 | .00177 | .00139 | .0001  | .00071 |
| %RSD   | 1.5756 | 1.5397 | 1.0421 | 130.57 | 8.8051 | .1503  | .58509 |

|    |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|-------|--------|
| #1 | .20077 | .57021 | .00184 | .00010 | .01485 | .0351 | .12216 |
| #2 | .19634 | .55793 | .00187 | .00261 | .01682 | .0352 | .12116 |

Sample Name: I3630-07      Acquired: 6/13/2017 15:35:48      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: TP-8      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 3949.8  | 30129.  | 4508.3  | 31.293 | 4282.6 |
| Stddev    | 16.9    | 983.    | 67.3    | 1.682  | 7.4    |
| %RSD      | .42686  | 1.2265  | 1.4924  | 1.8419 | .17165 |
| #1        | 3937.9  | 80823.  | 4460.7  | 90.104 | 4277.4 |
| #2        | 3961.8  | 79434.  | 4555.9  | 92.482 | 4287.8 |

Sample Name: I3630-08      Acquired: 6/13/2017 15:40:03      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: TP-9      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00150 | .00800 | .52493 | .00183 | .00444 | .09017 | .22619 | .00023 |
| Stddev | .00211 | .00080 | .00317 | .00177 | .00055 | .01799 | .00092 | .00002 |
| %RSD   | 141.28 | 10.042 | .60414 | 96.405 | 12.312 | 19.950 | .40524 | 9.5948 |

|    |        |         |        |         |        |        |        |         |
|----|--------|---------|--------|---------|--------|--------|--------|---------|
| #1 | .00000 | -.00743 | .52269 | -.00058 | .00483 | .10289 | .22554 | -.00025 |
| #2 | .00299 | -.00857 | .52717 | -.00308 | .00406 | .07745 | .22684 | -.00022 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00227 | 75.540 | .00030 | .00044 | .01419 | .01167 | .09689 | 1.7938 |
| Stddev | .00001 | .135   | .00014 | .00000 | .00026 | .00862 | .00006 | .0172  |
| %RSD   | .55975 | .17900 | 48.554 | .14416 | 1.8309 | 73.921 | .06175 | .95636 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00228 | 75.445 | .00020 | .00044 | .01400 | .00557 | .09685 | 1.8060 |
| #2 | .00226 | 75.636 | .00040 | .00044 | .01437 | .01777 | .09693 | 1.7817 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01014 | .00006 | 328.14 | .00038 | 2.3340 | .82996 | .00012 | .00862 |
| Stddev | .00013 | .00009 | 1.90   | .00049 | .0209  | .02811 | .00010 | .00538 |
| %RSD   | 1.3031 | 133.78 | .58049 | 129.14 | .89714 | 3.3869 | 81.913 | 62.404 |

|    |        |         |        |        |        |        |         |        |
|----|--------|---------|--------|--------|--------|--------|---------|--------|
| #1 | .01005 | -.00012 | 329.49 | .00003 | 2.3192 | .81008 | -.00005 | .00482 |
| #2 | .01023 | .00000  | 326.80 | .00072 | 2.3488 | .84984 | -.00018 | .01243 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .61769 | .59935 | .00157 | .00095 | .01209 | .1956  | .45759 |  |
| Stddev | .00164 | .00468 | .00021 | .00027 | .00236 | .0000  | .00091 |  |
| %RSD   | .26606 | .78153 | 13.111 | 27.950 | 19.522 | .0088  | .19935 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | .61885 | .59604 | .00142 | .00114 | .01042 | .1956 | .45695 |  |
| #2 | .61653 | .60267 | .00171 | .00076 | .01376 | .1956 | .45824 |  |



Sample Name: I3630-08      Acquired: 6/13/2017 15:40:03      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: TP-9      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 3903.6  | 78831.  | 4472.8  | 30.664 | 4254.7 |
| Stddev    | 4.8     | 18.     | 11.0    | .557   | 7.2    |
| %RSD      | .12285  | .02298  | .24577  | .61430 | .16878 |
| #1        | 3900.2  | 78844.  | 4465.0  | 91.058 | 4249.6 |
| #2        | 3907.0  | 78818.  | 4480.6  | 90.271 | 4259.7 |

Sample Name: I3630-09      Acquired: 6/13/2017 15:44:16      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: SP-KEARNY-CO      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00200 | .00765 | .25659 | .00349 | .00530 | .15938 | .18055 | .00023 |
| Stddev | .00149 | .00203 | .00099 | .00167 | .00082 | .00628 | .00095 | .00006 |
| %RSD   | 74.665 | 26.588 | .38509 | 47.836 | 15.465 | 3.9433 | .52496 | 24.011 |

|    |         |         |        |        |        |        |        |         |
|----|---------|---------|--------|--------|--------|--------|--------|---------|
| #1 | -.00094 | -.00621 | .25589 | .00468 | .00472 | .15494 | .17988 | -.00027 |
| #2 | -.00306 | -.00908 | .25729 | .00231 | .00588 | .16382 | .18122 | -.00019 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00182 | 37.638 | .00120 | .00032 | .00672 | .01402 | .05737 | 1.1851 |
| Stddev | .00002 | .067   | .00105 | .00005 | .00056 | .00446 | .00039 | .0078  |
| %RSD   | .94119 | .17856 | 87.140 | 16.752 | 8.3368 | 31.833 | .67830 | .65510 |

|    |        |        |        |         |        |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|--------|
| #1 | .00183 | 37.685 | .00046 | -.00036 | .00711 | .01086 | .05710 | 1.1796 |
| #2 | .00181 | 37.590 | .00194 | -.00028 | .00632 | .01718 | .05765 | 1.1906 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00472 | .00010 | 301.64 | .00060 | 1.5466 | .49628 | .00032 | .01323 |
| Stddev | .00018 | .00045 | 2.89   | .00001 | .0021  | .00469 | .00013 | .00848 |
| %RSD   | 3.8158 | 451.68 | .95846 | 2.0271 | .13802 | .94568 | 41.733 | 64.117 |

|    |        |         |        |        |        |        |         |        |
|----|--------|---------|--------|--------|--------|--------|---------|--------|
| #1 | .00485 | .00022  | 299.59 | .00059 | 1.5451 | .49296 | -.00042 | .00723 |
| #2 | .00460 | -.00042 | 303.68 | .00061 | 1.5481 | .49959 | -.00023 | .01923 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .31593 | .75232 | .00201 | .01185 | .00775 | .3353  | .21609 |  |
| Stddev | .00060 | .00575 | .00005 | .00076 | .00067 | .0001  | .00066 |  |
| %RSD   | .19106 | .76366 | 2.5038 | 6.3969 | 8.6769 | .0283  | .30499 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | .31636 | .74826 | .00204 | .01131 | .00823 | .3353 | .21562 |  |
| #2 | .31550 | .75638 | .00197 | .01238 | .00728 | .3352 | .21655 |  |

Sample Name: I3630-09      Acquired: 6/13/2017 15:44:16      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: SP-KEARNY-CO      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 3929.9  | 79867.  | 4478.6  | 91.622 | 4271.8 |
| Stddev    | 3.9     | 400.    | 25.4    | .188   | 4.4    |
| %RSD      | .10019  | .50090  | .56736  | .20496 | .10327 |
| #1        | 3927.1  | 80150.  | 4496.6  | 91.755 | 4268.6 |
| #2        | 3932.7  | 79584.  | 4460.7  | 91.489 | 4274.9 |

Sample Name: CCV05      Acquired: 6/13/2017 15:53:10      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV11227      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 5.0802 | 5.0437 | 4.8680 | 5.1528 | 5.1739 | 10.382 | 10.251 | 24674  | 2.5096 |
| Stddev | .0315  | .0145  | .0204  | .0162  | .0077  | .024   | .021   | .00152 | .0083  |
| %RSD   | .61977 | .28786 | .41830 | .31359 | .14926 | .23289 | .20189 | .61625 | .33142 |
| #1     | 5.0580 | 5.0334 | 4.8536 | 5.1414 | 5.1684 | 10.365 | 10.266 | 24567  | 2.5037 |
| #2     | 5.1025 | 5.0539 | 4.8823 | 5.1642 | 5.1793 | 10.399 | 10.236 | 24782  | 2.5154 |
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 24.883 | 98744  | 2.4692 | 1.2596 | 5.0666 | 2.5655 | 23.981 | 2.5178 | 1.2424 |
| Stddev | .008   | .00219 | .0107  | .0046  | .0635  | .0062  | .154   | .0092  | .0015  |
| %RSD   | .03150 | .22130 | .43542 | .36416 | 1.2527 | .24297 | .64117 | .36636 | .12419 |
| #1     | 24.888 | 98590  | 2.4616 | 1.2564 | 5.0218 | 2.5611 | 23.872 | 2.5112 | 1.2413 |
| #2     | 24.877 | 98899  | 2.4768 | 1.2629 | 5.1115 | 2.5699 | 24.089 | 2.5243 | 1.2435 |
| Elem   | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 25.057 | 2.5418 | 2.5042 | 25.824 | 5.1776 | 5.0413 | 5.1001 | 5.0963 | 5.0316 |
| Stddev | .041   | .0077  | .0078  | .030   | .0218  | .0203  | .0262  | .0080  | .0170  |
| %RSD   | .16198 | .30489 | .31105 | .11465 | .42059 | .40178 | .51348 | .15640 | .33857 |
| #1     | 25.086 | 2.5363 | 2.4987 | 25.803 | 5.1622 | 5.0557 | 5.0816 | 5.0907 | 5.0196 |
| #2     | 25.029 | 2.5472 | 2.5097 | 25.845 | 5.1930 | 5.0270 | 5.1186 | 5.1019 | 5.0437 |
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |        |        |        |        |        |
| Units  | ppm    | ppm    | ppm    | ppm    |        |        |        |        |        |
| Avg    | 5.0673 | 5.1238 | 5.146  | 5.1740 |        |        |        |        |        |
| Stddev | .0040  | .0043  | .021   | .0126  |        |        |        |        |        |
| %RSD   | .07850 | .08406 | .4105  | .24423 |        |        |        |        |        |
| #1     | 5.0645 | 5.1269 | 5.131  | 5.1829 |        |        |        |        |        |
| #2     | 5.0702 | 5.1208 | 5.161  | 5.1650 |        |        |        |        |        |

Sample Name: CCV05      Acquired: 6/13/2017 15:53:10      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV11227      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 3880.6  | 77716.  | 4404.9  | 36.537 | 4055.4 |
| Stddev    | 7.4     | 243.    | 2.7     | .087   | 5.5    |
| %RSD      | .19119  | .31214  | .06060  | .10111 | .13666 |
| #1        | 3885.8  | 77888.  | 4406.8  | 86.599 | 4059.3 |
| #2        | 3875.3  | 77544.  | 4403.0  | 86.475 | 4051.5 |

Sample Name: CCB05      Acquired: 6/13/2017 15:57:02      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB11227      Custom ID2:      Custom ID3:  
Comment:

|        |        |         |         |        |         |        |         |         |
|--------|--------|---------|---------|--------|---------|--------|---------|---------|
| Elem   | As1890 | Tl1908  | Pb2203  | Se1960 | Sb2068  | Al3961 | Ba4934  | Be2348  |
| Units  | ppm    | ppm     | ppm     | ppm    | ppm     | ppm    | ppm     | ppm     |
| Avg    | .00138 | -.00240 | -.00210 | .00417 | -.00062 | .00169 | -.00003 | -.00007 |
| Stddev | .00062 | .00049  | .00063  | .00225 | .00061  | .00892 | .00063  | .00007  |
| %RSD   | 45.002 | 20.351  | 29.882  | 54.085 | 97.421  | 528.51 | 2522.6  | 92.561  |

|    |        |         |         |        |         |         |         |         |
|----|--------|---------|---------|--------|---------|---------|---------|---------|
| #1 | .00182 | -.00205 | -.00165 | .00576 | -.00019 | .00800  | -.00047 | -.00003 |
| #2 | .00094 | -.00275 | -.00254 | .00257 | -.00105 | -.00462 | .00042  | -.00012 |

|        |         |         |         |         |         |         |         |         |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|
| Elem   | Cd2265  | Ca3736  | Cr2677  | Co2286  | Cu2247  | Fe2404  | Mn2576  | Mg2790  |
| Units  | ppm     | ppm     | ppm     | ppm     | ppm     | ppm     | ppm     | ppm     |
| Avg    | -.00003 | -.00445 | -.00001 | -.00042 | -.00032 | -.00533 | -.00012 | -.02233 |
| Stddev | .00011  | .01585  | .00100  | .00016  | .00008  | .00540  | .00003  | .02494  |
| %RSD   | 414.79  | 356.03  | 6684.0  | 38.099  | 25.091  | 101.30  | 23.784  | 111.68  |

|    |         |         |         |         |         |         |         |         |
|----|---------|---------|---------|---------|---------|---------|---------|---------|
| #1 | .00005  | .00676  | .00069  | -.00054 | -.00027 | -.00151 | -.00010 | -.00470 |
| #2 | -.00011 | -.01566 | -.00072 | -.00031 | -.00038 | -.00914 | -.00014 | -.03997 |

|        |        |        |        |         |         |        |        |         |
|--------|--------|--------|--------|---------|---------|--------|--------|---------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924  | Zn2138  | K_7664 | Mo2020 | B_2496  |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm     | ppm    | ppm    | ppm     |
| Avg    | .00035 | .00017 | .04672 | -.00006 | -.00030 | .03495 | .00252 | -.00626 |
| Stddev | .00020 | .00025 | .00424 | .00028  | .00004  | .00253 | .00059 | .00064  |
| %RSD   | 55.393 | 143.45 | 9.0796 | 490.54  | 11.928  | 7.2367 | 23.602 | 10.274  |

|    |        |        |        |         |         |        |        |         |
|----|--------|--------|--------|---------|---------|--------|--------|---------|
| #1 | .00022 | .00000 | .04372 | .00014  | -.00033 | .03674 | .00294 | -.00672 |
| #2 | .00049 | .00035 | .04972 | -.00026 | -.00028 | .03316 | .00210 | -.00581 |

|        |         |        |         |        |         |        |        |
|--------|---------|--------|---------|--------|---------|--------|--------|
| Elem   | S_1820  | Si2881 | Sn1899  | Ti3361 | Li6707  | P_1774 | Sr4077 |
| Units  | ppm     | ppm    | ppm     | ppm    | ppm     | ppm    | ppm    |
| Avg    | -.00422 | .00331 | -.00148 | .00105 | -.00160 | .0004  | .00018 |
| Stddev | .00082  | .00321 | .00033  | .00009 | .00065  | .0004  | .00001 |
| %RSD   | 19.363  | 96.858 | 22.025  | 8.9310 | 40.297  | 94.44  | 6.5124 |

|    |         |        |         |        |         |       |        |
|----|---------|--------|---------|--------|---------|-------|--------|
| #1 | -.00480 | .00558 | -.00171 | .00112 | -.00206 | .0001 | .00019 |
| #2 | -.00364 | .00104 | -.00125 | .00099 | -.00115 | .0006 | .00017 |

Sample Name: CCB05      Acquired: 6/13/2017 15:57:02      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB11227      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4100.8  | 30999.  | 4594.9  | 95.884 | 4426.4 |
| Stddev    | 6.7     | 168.    | 15.3    | .672   | 5.2    |
| %RSD      | .16319  | .20688  | .33342  | .70114 | .11675 |
| #1        | 4105.5  | 81118.  | 4584.1  | 95.409 | 4422.8 |
| #2        | 4096.0  | 80881.  | 4605.8  | 96.360 | 4430.1 |

Sample Name: I3634-05      Acquired: 6/13/2017 16:02:46      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: SP-KEARNY-CO      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00203 | .00640 | .06070 | .00466 | .00048 | .08026 | .08176 | .00014 |
| Stddev | .00094 | .00023 | .00117 | .00149 | .00106 | .02141 | .00086 | .00007 |
| %RSD   | 46.083 | 3.5976 | 1.9299 | 31.983 | 222.65 | 26.680 | 1.0550 | 46.667 |

|    |        |         |        |        |         |        |        |         |
|----|--------|---------|--------|--------|---------|--------|--------|---------|
| #1 | .00137 | -.00623 | .05987 | .00571 | -.00123 | .09540 | .08237 | -.00010 |
| #2 | .00270 | -.00656 | .06153 | .00360 | .00027  | .06512 | .08115 | -.00019 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00043 | 29.881 | .00103 | .00633 | .00276 | 1.4355 | .41152 | 3.9723 |
| Stddev | .00010 | .046   | .00029 | .00022 | .00062 | .0308  | .00137 | .0112  |
| %RSD   | 23.476 | .15490 | 28.328 | 3.5197 | 22.581 | 2.1480 | .33388 | .28211 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00050 | 29.914 | .00082 | .00649 | .00321 | 1.4137 | .41249 | 3.9802 |
| #2 | .00036 | 29.848 | .00124 | .00617 | .00232 | 1.4573 | .41055 | 3.9644 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01933 | .00027 | 307.60 | .00035 | .71719 | 2.0737 | .00090 | .02070 |
| Stddev | .00005 | .00085 | .50    | .00023 | .00493 | .0298  | .00041 | .00073 |
| %RSD   | .25018 | 314.77 | .16336 | 65.351 | .68789 | 1.4390 | 45.814 | 3.5354 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .01929 | -.00033 | 307.96 | .00019 | .71370 | 2.0526 | .00119 | .02121 |
| #2 | .01936 | .00087  | 307.25 | .00051 | .72068 | 2.0948 | .00061 | .02018 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.8105 | .46143 | .00232 | .00133 | .00560 | .0645  | .10095 |
| Stddev | .0103  | .00051 | .00085 | .00163 | .00174 | .0010  | .00011 |
| %RSD   | .21500 | .11013 | 36.632 | 122.69 | 30.993 | 1.473  | .11101 |

|    |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|-------|--------|
| #1 | 4.8032 | .46179 | .00292 | .00248 | .00437 | .0652 | .10102 |
| #2 | 4.8178 | .46107 | .00172 | .00018 | .00683 | .0638 | .10087 |



Sample Name: I3634-05      Acquired: 6/13/2017 16:02:46      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: SP-KEARNY-CO      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 3835.7  | 77642.  | 4402.1  | 37.891 | 4220.9 |
| Stddev    | 4.3     | 281.    | 10.2    | .538   | 11.2   |
| %RSD      | .11205  | .36196  | .23171  | .61193 | .26555 |
| #1        | 3838.8  | 77444.  | 4394.9  | 88.271 | 4228.8 |
| #2        | 3832.7  | 77841.  | 4409.3  | 87.511 | 4213.0 |

Sample Name: I3640-05      Acquired: 6/13/2017 16:06:55      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: NF-DRUMS-STO      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00144 | .00619 | .00155 | .00155 | .00235 | .05951 | .03069 | .00023 |
| Stddev | .00309 | .00134 | .00135 | .00032 | .00102 | .00215 | .00095 | .00002 |
| %RSD   | 214.12 | 21.589 | 87.210 | 20.450 | 43.325 | 3.6161 | 3.1040 | 8.9405 |

|    |         |         |         |         |         |        |        |         |
|----|---------|---------|---------|---------|---------|--------|--------|---------|
| #1 | .00074  | -.00713 | -.00060 | -.00177 | -.00307 | .06103 | .03002 | -.00025 |
| #2 | -.00363 | -.00524 | -.00251 | -.00132 | -.00163 | .05799 | .03137 | -.00022 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00018 | 31.896 | .00009 | .00049 | .00218 | .25911 | .07579 | 34.562 |
| Stddev | .00000 | .158   | .00002 | .00007 | .00033 | .01021 | .00019 | .090   |
| %RSD   | 2.1831 | .25449 | 20.499 | 14.601 | 15.147 | 3.9405 | .25311 | .26027 |

|    |         |        |        |         |        |        |        |        |
|----|---------|--------|--------|---------|--------|--------|--------|--------|
| #1 | -.00018 | 62.007 | .00008 | -.00054 | .00241 | .26632 | .07566 | 34.498 |
| #2 | -.00018 | 61.784 | .00011 | -.00044 | .00195 | .25189 | .07593 | 34.626 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00262 | .00026 | 342.16 | .00017 | .02522 | .12912 | .00008 | .00083 |
| Stddev | .00000 | .00009 | 1.21   | .00046 | .00037 | .00799 | .00036 | .00234 |
| %RSD   | .00824 | 32.476 | .35378 | 274.91 | 1.4847 | 6.1858 | 475.26 | 282.65 |

|    |        |        |        |         |        |        |         |         |
|----|--------|--------|--------|---------|--------|--------|---------|---------|
| #1 | .00262 | .00020 | 343.01 | -.00016 | .02548 | .12348 | -.00018 | .00248  |
| #2 | .00262 | .00032 | 341.30 | .00049  | .02496 | .13477 | .00033  | -.00083 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .03345 | .02493 | .00156 | .00062 | .00442 | .0026  | .00857 |
| Stddev | .00086 | .00288 | .00027 | .00012 | .00196 | .0012  | .00011 |
| %RSD   | 2.5598 | 11.550 | 17.447 | 18.851 | 44.251 | 46.87  | 1.2543 |

|    |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|-------|--------|
| #1 | .03406 | .02696 | .00137 | .00054 | .00580 | .0035 | .00865 |
| #2 | .03284 | .02289 | .00175 | .00070 | .00304 | .0017 | .00850 |

Sample Name: I3640-05      Acquired: 6/13/2017 16:06:55      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: NF-DRUMS-STO Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 3789.8  | 77400.  | 4391.2  | 37.015 | 4094.5 |
| Stddev    | 1.9     | 46.     | 8.4     | 1.046  | 5.5    |
| %RSD      | .05017  | .05906  | .19079  | 1.2026 | .13544 |
| #1        | 3791.1  | 77368.  | 4385.3  | 86.275 | 4090.6 |
| #2        | 3788.4  | 77433.  | 4397.2  | 87.755 | 4098.4 |

Sample Name: I3640-10      Acquired: 6/13/2017 16:11:13      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: NF-DRUMS-DEB      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00241 | .00735 | .00126 | .00566 | .00029 | .02044 | .02675 | .00019 |
| Stddev | .00205 | .00095 | .00030 | .00264 | .00071 | .00362 | .00111 | .00001 |
| %RSD   | 85.251 | 12.931 | 24.256 | 46.718 | 248.68 | 17.725 | 4.1473 | 3.8647 |

|    |         |         |         |        |         |        |        |         |
|----|---------|---------|---------|--------|---------|--------|--------|---------|
| #1 | -.00096 | -.00802 | -.00147 | .00753 | .00079  | .02300 | .02596 | -.00019 |
| #2 | -.00386 | -.00668 | -.00104 | .00379 | -.00022 | .01788 | .02753 | -.00018 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00007 | 1.2972 | .00029 | .00044 | .00281 | .02133 | .01142 | .49039 |
| Stddev | .00006 | .0024  | .00017 | .00022 | .00025 | .00002 | .00005 | .03086 |
| %RSD   | 86.885 | .18314 | 58.022 | 50.463 | 8.7751 | .07168 | .44416 | 6.2924 |

|    |        |        |        |         |        |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|--------|
| #1 | .00011 | 1.2956 | .00017 | -.00029 | .00299 | .02132 | .01145 | .46857 |
| #2 | .00003 | 1.2989 | .00041 | -.00060 | .00264 | .02134 | .01138 | .51221 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00329 | .00020 | 348.47 | .00062 | .07170 | .20319 | .00014 | .00230 |
| Stddev | .00045 | .00008 | 3.45   | .00025 | .00069 | .00104 | .00011 | .01248 |
| %RSD   | 13.565 | 40.382 | .99005 | 39.945 | .95621 | .51400 | 78.296 | 543.26 |

|    |        |         |        |         |        |        |         |         |
|----|--------|---------|--------|---------|--------|--------|---------|---------|
| #1 | .00360 | -.00014 | 346.03 | -.00080 | .07121 | .20245 | -.00021 | -.01112 |
| #2 | .00297 | -.00025 | 350.91 | -.00045 | .07218 | .20392 | -.00006 | .00653  |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .07737 | .02835 | .00156 | .00436 | .00132 | .0184  | .00254 |  |
| Stddev | .00182 | .00128 | .00082 | .00045 | .00043 | .0012  | .00008 |  |
| %RSD   | 2.3584 | 4.5100 | 52.266 | 10.372 | 32.828 | 6.394  | 3.0857 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | .07866 | .02745 | .00214 | .00404 | .00162 | .0192 | .00259 |  |
| #2 | .07608 | .02926 | .00098 | .00468 | .00101 | .0175 | .00248 |  |

Sample Name: I3640-10      Acquired: 6/13/2017 16:11:13      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: NF-DRUMS-DEB Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 3815.3  | 77147.  | 4397.5  | 38.571 | 4117.4 |
| Stddev    | 8.3     | 124.    | 17.8    | .864   | 8.9    |
| %RSD      | .21624  | .16108  | .40427  | .97556 | .21727 |
| #1        | 3809.5  | 77059.  | 4410.1  | 89.182 | 4111.0 |
| #2        | 3821.1  | 77235.  | 4385.0  | 87.960 | 4123.7 |

Sample Name: I3641-01      Acquired: 6/13/2017 16:15:32      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CRI      Custom ID2:      Custom ID3:  
Comment:

|        |        |         |         |         |        |        |        |         |
|--------|--------|---------|---------|---------|--------|--------|--------|---------|
| Elem   | As1890 | Tl1908  | Pb2203  | Se1960  | Sb2068 | Al3961 | Ba4934 | Be2348  |
| Units  | ppm    | ppm     | ppm     | ppm     | ppm    | ppm    | ppm    | ppm     |
| Avg    | .33230 | -.00315 | -.00314 | -.00380 | .03663 | .04305 | .02441 | -.00020 |
| Stddev | .00110 | .00015  | .00100  | .00076  | .00113 | .00700 | .00064 | .00001  |
| %RSD   | .33225 | 4.6189  | 31.782  | 20.081  | 3.0787 | 16.267 | 2.6116 | 3.3078  |

|    |        |         |         |         |        |        |        |         |
|----|--------|---------|---------|---------|--------|--------|--------|---------|
| #1 | .33152 | -.00326 | -.00384 | -.00326 | .03742 | .03810 | .02396 | -.00021 |
| #2 | .33308 | -.00305 | -.00243 | -.00433 | .03583 | .04800 | .02486 | -.00020 |

|        |         |        |        |         |         |         |        |        |
|--------|---------|--------|--------|---------|---------|---------|--------|--------|
| Elem   | Cd2265  | Ca3736 | Cr2677 | Co2286  | Cu2247  | Fe2404  | Mn2576 | Mg2790 |
| Units  | ppm     | ppm    | ppm    | ppm     | ppm     | ppm     | ppm    | ppm    |
| Avg    | -.00029 | 114.27 | .00010 | -.00087 | -.00095 | -.00759 | .00477 | 169.00 |
| Stddev | .00003  | .02    | .00016 | .00019  | .00006  | .01030  | .00005 | .21    |
| %RSD   | 11.284  | .02085 | 155.46 | 21.823  | 6.2204  | 135.71  | 1.1437 | .12380 |

|    |         |        |         |         |         |         |        |        |
|----|---------|--------|---------|---------|---------|---------|--------|--------|
| #1 | -.00031 | 114.25 | -.00001 | -.00100 | -.00100 | -.01487 | .00481 | 169.15 |
| #2 | -.00026 | 114.29 | .00022  | -.00074 | -.00091 | -.00031 | .00474 | 168.86 |

|        |        |         |        |        |        |        |        |        |
|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280  | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00112 | -.00042 | 334.63 | .00016 | .00275 | 2.3672 | .00086 | .03015 |
| Stddev | .00003 | .00016  | 1.21   | .00038 | .00001 | .0339  | .00005 | .00497 |
| %RSD   | 2.9463 | 38.592  | .36020 | 243.25 | .27600 | 1.4307 | 5.7238 | 16.478 |

|    |        |         |        |         |        |        |        |        |
|----|--------|---------|--------|---------|--------|--------|--------|--------|
| #1 | .00109 | -.00054 | 335.48 | -.00011 | .00274 | 2.3433 | .00090 | .02664 |
| #2 | .00114 | -.00031 | 333.78 | .00042  | .00275 | 2.3912 | .00083 | .03366 |

|        |        |        |        |         |        |        |        |
|--------|--------|--------|--------|---------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361  | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    |
| Avg    | 197.86 | .12728 | .00127 | -.00357 | .00913 | .0086  | .31616 |
| Stddev | .40    | .00006 | .00002 | .00236  | .00254 | .0007  | .00024 |
| %RSD   | .20218 | .04732 | 1.8942 | 66.157  | 27.863 | 8.115  | .07706 |

|    |        |        |        |         |        |       |        |
|----|--------|--------|--------|---------|--------|-------|--------|
| #1 | 198.14 | .12724 | .00125 | -.00190 | .00733 | .0081 | .31599 |
| #2 | 197.58 | .12732 | .00129 | -.00524 | .01093 | .0091 | .31633 |

Sample Name: I3641-01      Acquired: 6/13/2017 16:15:32      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CRI      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 3631.0  | 74647.  | 4300.6  | 35.349 | 3969.3 |
| Stddev    | 3.4     | 310.    | 10.0    | .040   | 6.4    |
| %RSD      | .09415  | .41582  | .23349  | .04744 | .16044 |
| #1        | 3628.6  | 74428.  | 4307.7  | 85.320 | 3964.8 |
| #2        | 3633.4  | 74867.  | 4293.5  | 85.377 | 3973.8 |

Sample Name: I3641-02      Acquired: 6/13/2017 16:19:49      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: ICSA5665      Custom ID2:      Custom ID3:  
Comment:

|        |        |         |         |         |        |        |        |         |
|--------|--------|---------|---------|---------|--------|--------|--------|---------|
| Elem   | As1890 | Tl1908  | Pb2203  | Se1960  | Sb2068 | Al3961 | Ba4934 | Be2348  |
| Units  | ppm    | ppm     | ppm     | ppm     | ppm    | ppm    | ppm    | ppm     |
| Avg    | .37103 | -.00057 | -.00357 | -.00328 | .03522 | .04689 | .02255 | -.00020 |
| Stddev | .00165 | .00034  | .00004  | .00265  | .00085 | .00876 | .00028 | .00003  |
| %RSD   | .44494 | 59.347  | .99345  | 80.829  | 2.4240 | 18.681 | 1.2262 | 14.419  |

|    |        |         |         |         |        |        |        |         |
|----|--------|---------|---------|---------|--------|--------|--------|---------|
| #1 | .36987 | -.00081 | -.00355 | -.00515 | .03582 | .04070 | .02235 | -.00018 |
| #2 | .37220 | -.00033 | -.00360 | -.00140 | .03461 | .05308 | .02275 | -.00022 |

|        |         |        |         |         |         |        |        |        |
|--------|---------|--------|---------|---------|---------|--------|--------|--------|
| Elem   | Cd2265  | Ca3736 | Cr2677  | Co2286  | Cu2247  | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm     | ppm    | ppm     | ppm     | ppm     | ppm    | ppm    | ppm    |
| Avg    | -.00027 | 103.68 | -.00033 | -.00055 | -.00112 | .01089 | .00816 | 138.56 |
| Stddev | .00011  | .51    | .00059  | .00058  | .00055  | .01880 | .00004 | .50    |
| %RSD   | 42.692  | .48967 | 180.52  | 104.57  | 48.797  | 172.60 | .53521 | .35778 |

|    |         |        |         |         |         |         |        |        |
|----|---------|--------|---------|---------|---------|---------|--------|--------|
| #1 | -.00019 | 103.32 | -.00075 | -.00014 | -.00073 | -.00240 | .00819 | 138.21 |
| #2 | -.00035 | 104.04 | .00009  | -.00096 | -.00151 | .02419  | .00812 | 138.91 |

|        |        |         |        |        |        |        |        |        |
|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280  | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00123 | -.00022 | 324.33 | .00078 | .00175 | 2.1547 | .00145 | .02816 |
| Stddev | .00025 | .00009  | .09    | .00022 | .00019 | .0150  | .00022 | .01661 |
| %RSD   | 19.992 | 40.230  | .02917 | 28.082 | 10.770 | .69532 | 15.322 | 58.997 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .00106 | -.00028 | 324.26 | .00094 | .00189 | 2.1441 | .00160 | .01641 |
| #2 | .00140 | -.00016 | 324.40 | .00063 | .00162 | 2.1653 | .00129 | .03991 |

|        |        |        |        |         |        |        |        |
|--------|--------|--------|--------|---------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361  | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    |
| Avg    | 157.43 | .18035 | .00097 | -.00138 | .01017 | .0111  | .28789 |
| Stddev | .20    | .00168 | .00047 | .00074  | .00015 | .0001  | .00103 |
| %RSD   | .12822 | .93317 | 48.345 | 53.757  | 1.4884 | .5196  | .35814 |

|    |        |        |        |         |        |       |        |
|----|--------|--------|--------|---------|--------|-------|--------|
| #1 | 157.29 | .17916 | .00064 | -.00085 | .01007 | .0111 | .28716 |
| #2 | 157.58 | .18154 | .00131 | -.00190 | .01028 | .0110 | .28862 |



Sample Name: I3641-02      Acquired: 6/13/2017 16:19:49      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: ICSA5665      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 3655.7  | 75737.  | 4349.4  | 37.415 | 4008.0 |
| Stddev    | 1.2     | 476.    | 19.3    | .305   | 1.4    |
| %RSD      | .03199  | .62827  | .44434  | .34838 | .03581 |
| #1        | 3654.9  | 75401.  | 4363.1  | 87.200 | 4007.0 |
| #2        | 3656.5  | 76074.  | 4335.7  | 87.631 | 4009.0 |

Sample Name: I3641-03      Acquired: 6/13/2017 16:24:05      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: ICSAB5665      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .19924 | .00606 | .00405 | .00090 | .02327 | .04647 | .02270 | .00022 |
| Stddev | .00094 | .00115 | .00029 | .00013 | .00086 | .01260 | .00022 | .00000 |
| %RSD   | .46977 | 18.962 | 7.1024 | 13.898 | 3.6934 | 27.126 | .96157 | 1.2128 |

|    |        |         |         |         |        |        |        |         |
|----|--------|---------|---------|---------|--------|--------|--------|---------|
| #1 | .19858 | -.00687 | -.00385 | -.00081 | .02266 | .05538 | .02255 | -.00022 |
| #2 | .19990 | -.00525 | -.00425 | -.00099 | .02388 | .03755 | .02286 | -.00022 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00026 | 33.928 | .00008 | .00066 | .00141 | .00259 | .00144 | 143.20 |
| Stddev | .00002 | .243   | .00013 | .00009 | .00041 | .00158 | .00001 | .54    |
| %RSD   | 7.3665 | .28985 | 164.73 | 13.596 | 29.292 | 61.073 | .43182 | .38052 |

|    |         |        |         |         |         |        |        |        |
|----|---------|--------|---------|---------|---------|--------|--------|--------|
| #1 | -.00024 | 83.756 | .00001  | -.00060 | -.00170 | .00370 | .00144 | 142.82 |
| #2 | -.00027 | 84.100 | -.00017 | -.00073 | -.00112 | .00147 | .00143 | 143.59 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00140 | .00014 | 311.37 | .00025 | .00159 | 1.6536 | .00018 | .02589 |
| Stddev | .00018 | .00006 | 2.20   | .00016 | .00003 | .0193  | .00007 | .00012 |
| %RSD   | 12.838 | 45.070 | .70717 | 64.984 | 1.9655 | 1.1685 | 39.217 | .45346 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00153 | .00009 | 309.82 | .00013 | .00157 | 1.6673 | .00023 | .02581 |
| #2 | .00128 | .00018 | 312.93 | .00036 | .00161 | 1.6399 | .00013 | .02597 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 153.93 | .08120 | .00315 | .00029 | .00786 | .0070  | .22575 |
| Stddev | 1.99   | .00194 | .00014 | .00179 | .00067 | .0004  | .00024 |
| %RSD   | 1.2933 | 2.3838 | 4.4808 | 627.82 | 8.5655 | 5.067  | .10830 |

|    |        |        |        |         |        |       |        |
|----|--------|--------|--------|---------|--------|-------|--------|
| #1 | 152.53 | .08257 | .00325 | .00155  | .00834 | .0072 | .22558 |
| #2 | 155.34 | .07983 | .00305 | -.00098 | .00739 | .0067 | .22593 |

Sample Name: I3641-03      Acquired: 6/13/2017 16:24:05      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: ICSAB5665      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 3643.5  | 75790.  | 4344.2  | 37.659 | 3975.9 |
| Stddev    | 37.4    | 85.     | 4.1     | .094   | 47.6   |
| %RSD      | 1.0270  | .11190  | .09364  | .10688 | 1.1971 |
| #1        | 3669.9  | 75730.  | 4341.3  | 87.725 | 4009.6 |
| #2        | 3617.0  | 75850.  | 4347.1  | 87.593 | 3942.3 |

Sample Name: I3641-04      Acquired: 6/13/2017 16:28:20      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV11228      Custom ID2:      Custom ID3:  
Comment:

|        |        |         |         |         |        |        |        |         |
|--------|--------|---------|---------|---------|--------|--------|--------|---------|
| Elem   | As1890 | Tl1908  | Pb2203  | Se1960  | Sb2068 | Al3961 | Ba4934 | Be2348  |
| Units  | ppm    | ppm     | ppm     | ppm     | ppm    | ppm    | ppm    | ppm     |
| Avg    | .25977 | -.00619 | -.00351 | -.00384 | .03116 | .04518 | .02275 | -.00022 |
| Stddev | .00058 | .00051  | .00107  | .00112  | .00120 | .00796 | .00035 | .00005  |
| %RSD   | .22305 | 8.2993  | 30.495  | 29.174  | 3.8650 | 17.625 | 1.5561 | 23.970  |

|    |        |         |         |         |        |        |        |         |
|----|--------|---------|---------|---------|--------|--------|--------|---------|
| #1 | .25936 | -.00655 | -.00427 | -.00464 | .03201 | .05081 | .02250 | -.00026 |
| #2 | .26018 | -.00583 | -.00275 | -.00305 | .03031 | .03955 | .02300 | -.00018 |

|        |         |        |         |         |         |        |        |        |
|--------|---------|--------|---------|---------|---------|--------|--------|--------|
| Elem   | Cd2265  | Ca3736 | Cr2677  | Co2286  | Cu2247  | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm     | ppm    | ppm     | ppm     | ppm     | ppm    | ppm    | ppm    |
| Avg    | -.00035 | 95.737 | -.00030 | -.00066 | -.00122 | .00300 | .00751 | 167.66 |
| Stddev | .00017  | .261   | .00025  | .00010  | .00000  | .00585 | .00006 | .83    |
| %RSD   | 47.618  | .27216 | 83.245  | 15.018  | .23031  | 194.78 | .77390 | .49676 |

|    |         |        |         |         |         |         |        |        |
|----|---------|--------|---------|---------|---------|---------|--------|--------|
| #1 | -.00023 | 95.553 | -.00047 | -.00059 | -.00122 | -.00113 | .00747 | 167.07 |
| #2 | -.00047 | 95.922 | -.00012 | -.00073 | -.00122 | .00714  | .00755 | 168.25 |

|        |        |         |        |        |        |        |        |        |
|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280  | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00121 | -.00001 | 329.59 | .00013 | .00150 | 1.7834 | .00011 | .03244 |
| Stddev | .00045 | .00046  | 3.64   | .00011 | .00004 | .0026  | .00010 | .01034 |
| %RSD   | 37.360 | 7857.4  | 1.1048 | 80.313 | 2.7581 | .14379 | 91.713 | 31.878 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .00153 | -.00033 | 327.02 | .00021 | .00153 | 1.7816 | .00004 | .02513 |
| #2 | .00089 | .00032  | 332.17 | .00006 | .00147 | 1.7852 | .00018 | .03976 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 190.71 | .10184 | .00053 | .00069 | .00836 | .0065  | .25829 |
| Stddev | .01    | .00086 | .00060 | .00200 | .00026 | .0012  | .00057 |
| %RSD   | .00376 | .83993 | 113.59 | 291.73 | 3.1385 | 18.49  | .22029 |

|    |        |        |        |         |        |       |        |
|----|--------|--------|--------|---------|--------|-------|--------|
| #1 | 190.71 | .10124 | .00096 | -.00073 | .00854 | .0074 | .25789 |
| #2 | 190.70 | .10245 | .00010 | .00210  | .00817 | .0057 | .25869 |

Sample Name: I3641-04      Acquired: 6/13/2017 16:28:20      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV11228      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 3582.7  | 74807.  | 4328.0  | 35.928 | 3916.2 |
| Stddev    | 5.6     | 20.     | 13.7    | .352   | 3.9    |
| %RSD      | .15506  | .02733  | .31676  | .41013 | .09950 |
| #1        | 3578.7  | 74821.  | 4337.7  | 85.678 | 3913.4 |
| #2        | 3586.6  | 74792.  | 4318.3  | 86.177 | 3918.9 |

Sample Name: PB99726BL      Acquired: 6/13/2017 16:32:36      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB11228      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00098 | .00542 | .00227 | .00439 | .00167 | .00188 | .00092 | .00008 |
| Stddev | .00098 | .00168 | .00045 | .00133 | .00234 | .00107 | .00032 | .00006 |
| %RSD   | 100.01 | 31.039 | 19.732 | 30.349 | 140.25 | 56.881 | 35.008 | 77.599 |

|    |        |         |         |        |         |        |         |         |
|----|--------|---------|---------|--------|---------|--------|---------|---------|
| #1 | .00167 | -.00423 | -.00195 | .00533 | -.00001 | .00264 | -.00069 | -.00004 |
| #2 | .00029 | -.00661 | -.00258 | .00345 | -.00332 | .00112 | -.00115 | -.00013 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00007 | .01545 | .00056 | .00055 | .00063 | .00179 | .00014 | .03254 |
| Stddev | .00012 | .01334 | .00050 | .00011 | .00025 | .01277 | .00000 | .01147 |
| %RSD   | 187.65 | 86.358 | 89.187 | 19.379 | 39.680 | 715.05 | 1.6779 | 35.232 |

|    |         |         |         |         |         |         |         |         |
|----|---------|---------|---------|---------|---------|---------|---------|---------|
| #1 | -.00015 | -.02488 | -.00091 | -.00063 | -.00045 | .01082  | -.00014 | -.04065 |
| #2 | .00002  | -.00601 | -.00021 | -.00048 | -.00081 | -.00725 | -.00014 | -.02444 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00010 | .00006 | .12783 | .00005 | .00030 | .02726 | .00012 | .00483 |
| Stddev | .00017 | .00029 | .00013 | .00017 | .00005 | .00859 | .00009 | .01366 |
| %RSD   | 180.05 | 462.14 | .10491 | 329.92 | 15.702 | 31.520 | 73.584 | 282.76 |

|    |         |         |        |         |         |        |        |         |
|----|---------|---------|--------|---------|---------|--------|--------|---------|
| #1 | -.00003 | -.00014 | .12792 | -.00007 | -.00033 | .02118 | .00006 | -.01449 |
| #2 | .00022  | .00027  | .12773 | .00017  | -.00026 | .03333 | .00019 | .00483  |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00583 | .00373 | .00154 | .00260 | .00079 | .0002  | .00008 |
| Stddev | .00125 | .00096 | .00114 | .00239 | .00036 | .0004  | .00002 |
| %RSD   | 21.391 | 25.814 | 74.162 | 92.149 | 45.200 | 243.4  | 19.558 |

|    |         |        |         |        |         |        |        |
|----|---------|--------|---------|--------|---------|--------|--------|
| #1 | -.00671 | .00441 | -.00234 | .00429 | -.00054 | .0005  | .00009 |
| #2 | -.00494 | .00305 | -.00073 | .00091 | -.00104 | -.0001 | .00007 |

Sample Name: PB99726BL      Acquired: 6/13/2017 16:32:36      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB11228      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 3953.7  | 78989.  | 4527.8  | 91.921 | 4271.3 |
| Stddev    | .9      | 206.    | 28.3    | .392   | 3.1    |
| %RSD      | .02197  | .26093  | .62468  | .42600 | .07356 |
| #1        | 3953.1  | 79135.  | 4507.8  | 92.198 | 4269.0 |
| #2        | 3954.3  | 78843.  | 4547.8  | 91.644 | 4273.5 |

Sample Name: PB99726BS      Acquired: 6/13/2017 16:40:39      Type: Unk  
Method: P4-ICP2(v2054)      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    | .84529 | 1.9804 | .95405 | 2.0949 | .85021 | 2.2418 | .21386 | .20314 | .20265 |
| Stddev | .00034 | .0030  | .00100 | .0024  | .00298 | .0096  | .00181 | .00004 | .00018 |
| %RSD   | .03998 | .15270 | .10439 | .11561 | .35059 | .42904 | .84439 | .01980 | .08842 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .84506 | 1.9825 | .95475 | 2.0932 | .84810 | 2.2350 | .21259 | .20311 | .20253 |
| #2 | .84553 | 1.9783 | .95334 | 2.0966 | .85231 | 2.2486 | .21514 | .20316 | .20278 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.0691 | .42304 | .20206 | .34071 | 3.0722 | .22686 | 1.9687 | .52062 | .07483 |
| Stddev | .0082  | .00044 | .00060 | .00147 | .0309  | .00004 | .0462  | .00118 | .00063 |
| %RSD   | .76826 | .10425 | .29890 | .43127 | 1.0057 | .01678 | 2.3470 | .22713 | .84815 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.0749 | .42273 | .20248 | .33967 | 3.0504 | .22683 | 1.9360 | .51979 | .07528 |
| #2 | 1.0633 | .42335 | .20163 | .34175 | 3.0941 | .22688 | 2.0014 | .52146 | .07438 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 3.3224 | .32525 | .20372 | 11.189 | .42950 | .32523 | 10.265 | .94682 | .72439 |
| Stddev | .0046  | .00031 | .00084 | .028   | .00129 | .00215 | .000   | .00458 | .00000 |
| %RSD   | .13781 | .09642 | .41226 | .25392 | .29949 | .66239 | .00275 | .48321 | .00035 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 3.3191 | .32502 | .20432 | 11.209 | .42859 | .32371 | 10.265 | .95006 | .72439 |
| #2 | 3.3256 | .32547 | .20313 | 11.169 | .43041 | .32675 | 10.265 | .94359 | .72439 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | .21208 | .22631 | 5.967  | .21409 |
| Stddev | .00158 | .00058 | .016   | .00107 |
| %RSD   | .74539 | .25564 | .2702  | .49994 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .21320 | .22590 | 5.955 | .21485 |
| #2 | .21096 | .22672 | 5.978 | .21333 |



Sample Name: PB99726BS      Acquired: 6/13/2017 16:40:39      Type: Unk  
Method: P4-ICP2(v2054)      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       | 3842.0  | 75901.  | 4368.5  | 91.536 | 4285.3 |
| Stddev    | 3.4     | 35.     | 22.6    | .269   | 2.5    |
| %RSD      | .08863  | .04647  | .51833  | .29432 | .05782 |
| #1        | 3844.4  | 75926.  | 4352.5  | 91.346 | 4287.1 |
| #2        | 3839.5  | 75876.  | 4384.5  | 91.727 | 4283.6 |

Sample Name: I3561-01      Acquired: 6/13/2017 16:44:38      Type: Unk  
Method: P4-ICP2(v2054)      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    | .06983 | .01447 | .53183 | .00861 | .01228 | 134.86 | 1.3687 | .00451 |
| Stddev | .00119 | .00423 | .00199 | .00150 | .00031 | .20    | .0076  | .00005 |
| %RSD   | 1.7049 | 29.246 | .37381 | 17.401 | 2.5617 | .14755 | .55579 | 1.1483 |

|    |        |        |        |         |        |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|--------|
| #1 | .06899 | .01747 | .53323 | -.00755 | .01250 | 135.00 | 1.3741 | .00447 |
| #2 | .07067 | .01148 | .53042 | -.00967 | .01206 | 134.72 | 1.3633 | .00455 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01729 | 335.31 | .24187 | 3.0610 | 2.5626 | 255.14 | 4.8427 | 33.131 |
| Stddev | .00000 | .71    | .00210 | .0004  | .0016  | 1.98   | .0656  | .228   |
| %RSD   | .00572 | .08520 | .86928 | .00480 | .06381 | .77733 | 1.3538 | .68830 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .01729 | 834.80 | .24038 | 8.0613 | 2.5615 | 256.54 | 4.7963 | 32.969 |
| #2 | .01729 | 835.81 | .24336 | 8.0608 | 2.5638 | 253.74 | 4.8891 | 33.292 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .32893 | .02549 | 784.69 | .31527 | 1.7135 | 125.92 | .07091 | .11389 |
| Stddev | .00070 | .00012 | 7.22   | .00137 | .0077  | .58    | .00030 | .00892 |
| %RSD   | .21415 | .47646 | .92038 | .43465 | .45025 | .45677 | .42647 | 7.8285 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .32843 | .02541 | 779.58 | .31431 | 1.7190 | 126.33 | .07069 | .12019 |
| #2 | .32943 | .02558 | 789.80 | .31624 | 1.7080 | 125.52 | .07112 | .10758 |

|        |        |          |        |        |        |        |        |  |
|--------|--------|----------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881   | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm      | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | 74.314 | F 149.43 | .43382 | 4.2359 | .17513 | 47.91  | 2.7422 |  |
| Stddev | .041   | 1.16     | .00215 | .0123  | .00187 | .01    | .0133  |  |
| %RSD   | .05462 | .77501   | .49519 | .28992 | 1.0676 | .0268  | .48573 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | 74.343 | 148.62 | .43534 | 4.2272 | .17646 | 47.92 | 2.7516 |  |
| #2 | 74.285 | 150.25 | .43230 | 4.2445 | .17381 | 47.90 | 2.7328 |  |

Sample Name: I3561-01      Acquired: 6/13/2017 16:44:38      Type: Unk  
Method: P4-ICP2(v2054)      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       | 3586.7  | 73192.  | 4397.3  | 75.581 | 3336.8 |
| Stddev    | 21.9    | 56.     | 9.4     | .908   | 24.6   |
| %RSD      | .60974  | .07628  | .21317  | 1.2010 | .73690 |
| #1        | 3571.2  | 73153.  | 4390.7  | 74.939 | 3319.5 |
| #2        | 3602.2  | 73231.  | 4403.9  | 76.223 | 3354.2 |

Sample Name: CCV06      Acquired: 6/13/2017 16:48:53      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 5.0216 | 5.0317 | 4.7281 | 5.1135 | 5.1850 | 10.628 | 9.8843 | 24132  | 2.4984 |
| Stddev | .0090  | .0073  | .0028  | .0021  | .0088  | .070   | .0183  | .00060 | .0018  |
| %RSD   | .17961 | .14462 | .05830 | .04154 | .16965 | .66026 | .18512 | .24670 | .07291 |

|    |        |        |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|--------|--------|-------|--------|
| #1 | 5.0280 | 5.0266 | 4.7262 | 5.1150 | 5.1912 | 10.578 | 9.8972 | 24090 | 2.4971 |
| #2 | 5.0153 | 5.0368 | 4.7301 | 5.1120 | 5.1788 | 10.677 | 9.8713 | 24174 | 2.4997 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 24.343 | 97306  | 2.4015 | 1.2394 | 5.0306 | 2.5730 | 22.879 | 2.4888 | 1.2289 |
| Stddev | .058   | .00305 | .0014  | .0012  | .0932  | .0024  | .060   | .0019  | .0015  |
| %RSD   | .23893 | .31338 | .06042 | .09621 | 1.8521 | .09292 | .26387 | .07599 | .12426 |

|    |        |       |        |        |        |        |        |        |        |
|----|--------|-------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 24.302 | 97090 | 2.4005 | 1.2402 | 4.9647 | 2.5713 | 22.922 | 2.4874 | 1.2300 |
| #2 | 24.384 | 97522 | 2.4026 | 1.2385 | 5.0965 | 2.5747 | 22.837 | 2.4901 | 1.2278 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 24.698 | 2.5561 | 2.4664 | 25.725 | 5.1498 | 5.0041 | 5.2159 | 5.2549 | 4.9943 |
| Stddev | .106   | .0003  | .0340  | .032   | .0014  | .0086  | .0065  | .0079  | .0021  |
| %RSD   | .42739 | .01116 | 1.3807 | .12588 | .02741 | .17276 | .12365 | .15089 | .04114 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 24.773 | 2.5559 | 2.4423 | 25.748 | 5.1508 | 4.9980 | 5.2205 | 5.2605 | 4.9928 |
| #2 | 24.623 | 2.5563 | 2.4905 | 25.702 | 5.1488 | 5.0102 | 5.2114 | 5.2493 | 4.9957 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.9652 | 5.1339 | 5.137  | 5.0995 |
| Stddev | .0116  | .0111  | .003   | .0022  |
| %RSD   | .23411 | .21706 | .0563  | .04215 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 4.9734 | 5.1417 | 5.139 | 5.1010 |
| #2 | 4.9570 | 5.1260 | 5.135 | 5.0980 |

Sample Name: CCV06      Acquired: 6/13/2017 16:48:53      Type: Unk  
Method: P4-ICP2(v2054)      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       | 3831.2  | 76140.  | 4376.5  | 34.407 | 3991.5 |
| Stddev    | 1.9     | 1.      | 5.7     | 1.314  | 8.5    |
| %RSD      | .05011  | .00097  | .13000  | 1.5564 | .21375 |
| #1        | 3832.6  | 76140.  | 4372.5  | 85.336 | 3997.5 |
| #2        | 3829.8  | 76141.  | 4380.6  | 83.478 | 3985.4 |

Sample Name: LLCCV02      Acquired: 6/13/2017 17:03:16      Type: Unk  
Method: P4-ICP2(v2054)      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    | .02059 | .03583 | .00896 | .02041 | .04980 | .12053 | .10142 | .00586 | .00612 |
| Stddev | .00033 | .00013 | .00054 | .00002 | .00079 | .00021 | .00111 | .00003 | .00004 |
| %RSD   | 1.5879 | .37481 | 6.0377 | .11539 | 1.5813 | .17536 | 1.0955 | .43596 | .61120 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .02082 | .03593 | .00858 | .02043 | .05035 | .12068 | .10220 | .00585 | .00614 |
| #2 | .02035 | .03574 | .00934 | .02039 | .04924 | .12038 | .10063 | .00588 | .00609 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.9983 | .01053 | .02999 | .02132 | .09970 | .02229 | 1.9117 | .04170 | .01070 |
| Stddev | .0090  | .00062 | .00048 | .00001 | .01015 | .00001 | .0071  | .00006 | .00012 |
| %RSD   | .45069 | 5.9106 | 1.6069 | .02905 | 10.182 | .04334 | .36954 | .14905 | 1.1260 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.9919 | .01097 | .03033 | .02133 | .09252 | .02230 | 1.9167 | .04175 | .01079 |
| #2 | 2.0046 | .01009 | .02965 | .02132 | .10688 | .02228 | 1.9067 | .04166 | .01062 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.1288 | .04233 | .03978 | 2.2088 | .22697 | .08906 | .02036 | .38225 | .04228 |
| Stddev | .0160  | .00020 | .00067 | .0073  | .00018 | .00419 | .00021 | .00431 | .00056 |
| %RSD   | .75230 | .47339 | 1.6846 | .33040 | .07960 | 4.6994 | 1.0542 | 1.1284 | 1.3254 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.1175 | .04247 | .03930 | 2.2036 | .22685 | .08610 | .02021 | .38530 | .04267 |
| #2 | 2.1401 | .04219 | .04025 | 2.2139 | .22710 | .09202 | .02051 | .37920 | .04188 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | .04597 | .02019 | .0206  | .02329 |
| Stddev | .00049 | .00097 | .0014  | .00016 |
| %RSD   | 1.0563 | 4.7821 | 6.613  | .70395 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .04563 | .02087 | .0196 | .02340 |
| #2 | .04632 | .01951 | .0215 | .02317 |

Sample Name: LLCCV02      Acquired: 6/13/2017 17:03:16      Type: Unk  
Method: P4-ICP2(v2054)      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       | 3910.8  | 76676.  | 4428.5  | 39.686 | 4274.2 |
| Stddev    | 7.4     | 332.    | 3.1     | 1.772  | 2.5    |
| %RSD      | .19043  | .43294  | .06906  | 1.9758 | .05913 |
| #1        | 3916.0  | 76911.  | 4426.4  | 90.939 | 4272.4 |
| #2        | 3905.5  | 76441.  | 4430.7  | 88.433 | 4275.9 |

Sample Name: CCB06      Acquired: 6/13/2017 17:07:21      Type: Unk  
Method: P4-ICP2(v2054)      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    | .00109 | .00446 | .00224 | .00273 | .00165 | .01145 | .00118 | .00008 |
| Stddev | .00144 | .00139 | .00071 | .00089 | .00100 | .00149 | .00045 | .00008 |
| %RSD   | 132.44 | 31.259 | 31.611 | 32.422 | 60.679 | 13.032 | 38.038 | 101.22 |

|    |         |         |         |        |         |        |         |         |
|----|---------|---------|---------|--------|---------|--------|---------|---------|
| #1 | -.00007 | -.00544 | -.00274 | .00211 | -.00235 | .01250 | -.00086 | -.00013 |
| #2 | -.00211 | -.00347 | -.00174 | .00336 | -.00094 | .01039 | -.00150 | -.00002 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00001 | .02000 | .00016 | .00046 | .00054 | .00273 | .00016 | .01825 |
| Stddev | .00001 | .00168 | .00034 | .00027 | .00006 | .00286 | .00010 | .00646 |
| %RSD   | 85.668 | 8.3852 | 211.00 | 59.770 | 10.665 | 104.96 | 64.163 | 35.368 |

|    |        |         |         |         |         |        |         |         |
|----|--------|---------|---------|---------|---------|--------|---------|---------|
| #1 | .00000 | -.02118 | .00008  | -.00027 | -.00058 | .00070 | -.00009 | -.02282 |
| #2 | .00002 | -.01881 | -.00040 | -.00065 | -.00050 | .00475 | -.00023 | -.01369 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00006 | .00011 | .06923 | .00073 | .00042 | .04378 | .00025 | .00616 |
| Stddev | .00010 | .00015 | .00218 | .00015 | .00009 | .03573 | .00003 | .00335 |
| %RSD   | 173.26 | 140.87 | 3.1527 | 20.817 | 21.555 | 81.603 | 10.023 | 54.328 |

|    |         |         |        |         |         |        |        |         |
|----|---------|---------|--------|---------|---------|--------|--------|---------|
| #1 | -.00001 | -.00022 | .06768 | -.00062 | -.00048 | .06904 | .00027 | -.00380 |
| #2 | .00012  | .00000  | .07077 | -.00083 | -.00035 | .01852 | .00023 | -.00853 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00375 | .00720 | .00115 | .00307 | .00169 | .0009  | .00011 |
| Stddev | .00095 | .00173 | .00035 | .00129 | .00246 | .0009  | .00004 |
| %RSD   | 25.303 | 23.989 | 30.394 | 42.224 | 145.85 | 95.67  | 35.982 |

|    |         |        |         |        |         |        |        |
|----|---------|--------|---------|--------|---------|--------|--------|
| #1 | -.00442 | .00842 | -.00090 | .00215 | -.00342 | -.0003 | .00008 |
| #2 | -.00308 | .00598 | -.00139 | .00398 | .00005  | -.0016 | .00014 |



Sample Name: CCB06      Acquired: 6/13/2017 17:07:21      Type: Unk  
 Method: P4-ICP2(v2054)      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       | 3903.6  | 76132.  | 4422.7  | 90.964 | 4225.0 |
| Stddev    | 1.8     | 362.    | 8.8     | .027   | 2.0    |
| %RSD      | .04583  | .47566  | .19852  | .02945 | .04747 |
| #1        | 3902.4  | 76388.  | 4416.5  | 90.945 | 4223.6 |
| #2        | 3904.9  | 75876.  | 4428.9  | 90.983 | 4226.5 |

Sample Name: I3561-03      Acquired: 6/13/2017 17:11:35      Type: Unk  
Method: P4-ICP2(v2054)      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    | .16473 | .05062 | .53642 | -.04719 | .02963 | 311.14 | 5.0690 | .00982 |
| Stddev | .00040 | .00069 | .00001 | .00739  | .00203 | .88    | .0124  | .00015 |
| %RSD   | .24271 | 1.3637 | .00234 | 15.667  | 6.8362 | .28270 | .24363 | 1.5692 |

|    |        |        |        |         |        |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|--------|
| #1 | .16445 | .05013 | .53641 | -.04196 | .02820 | 311.76 | 5.0778 | .00993 |
| #2 | .16501 | .05111 | .53643 | -.05241 | .03107 | 310.51 | 5.0603 | .00971 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .04148 | 1896.4 | .47028 | 26.234 | 2.8936 | 510.07 | 3.8887 | 78.365 |
| Stddev | .00008 | 19.2   | .00003 | .019   | .0042  | 2.18   | .0157  | .070   |
| %RSD   | .18227 | 1.0140 | .00669 | .07098 | .14616 | .42781 | .22778 | .08967 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .04143 | 1882.8 | .47025 | 26.220 | 2.8966 | 511.61 | 6.8998 | 78.415 |
| #2 | .04153 | 1910.0 | .47030 | 26.247 | 2.8906 | 508.53 | 6.8776 | 78.316 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .53842 | .06024 | 1135.0 | .64729 | 3.0718 | 173.97 | .05203 | .07095 |
| Stddev | .00075 | .00003 | .8     | .00034 | .0073  | 1.04   | .00016 | .00886 |
| %RSD   | .14011 | .05756 | .06882 | .05326 | .23604 | .59636 | .30804 | 12.483 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .53788 | .06027 | 1134.5 | .64753 | 3.0769 | 174.70 | .05192 | .06469 |
| #2 | .53895 | .06022 | 1135.6 | .64704 | 3.0666 | 173.24 | .05215 | .07721 |

|        |        |          |        |        |        |         |        |  |
|--------|--------|----------|--------|--------|--------|---------|--------|--|
| Elem   | S_1820 | Si2881   | Sn1899 | Ti3361 | Li6707 | P_1774  | Sr4077 |  |
| Units  | ppm    | ppm      | ppm    | ppm    | ppm    | ppm     | ppm    |  |
| Avg    | 136.14 | F 505.99 | .55989 | 9.4852 | .48664 | F 113.6 | 4.6773 |  |
| Stddev | .02    | .12      | .00008 | .0511  | .00161 | .1      | .0225  |  |
| %RSD   | .01492 | .02416   | .01509 | .53832 | .33093 | .1008   | .48121 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | 136.13 | 505.90 | .55995 | 9.5213 | .48778 | 113.5 | 4.6932 |  |
| #2 | 136.16 | 506.07 | .55983 | 9.4491 | .48550 | 113.7 | 4.6614 |  |

Sample Name: I3561-03      Acquired: 6/13/2017 17:11:35      Type: Unk  
Method: P4-ICP2(v2054)      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       | 3559.0  | 73426.  | 4583.3  | 73.356 | 2899.0 |
| Stddev    | 34.0    | 440.    | 26.5    | .819   | 21.4   |
| %RSD      | .95671  | .59913  | .57778  | 1.1168 | .73848 |
| #1        | 3534.9  | 73115.  | 4564.5  | 72.776 | 2883.8 |
| #2        | 3583.1  | 73737.  | 4602.0  | 73.935 | 2914.1 |

Sample Name: I3585-02      Acquired: 6/13/2017 17:16:00      Type: Unk  
Method: P4-ICP2(v2054)      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    | .00154 | .01152 | .00371 | .00612 | .00150 | .05056 | .00106 | .00027 |
| Stddev | .00139 | .00091 | .00078 | .00192 | .00074 | .00391 | .00071 | .00001 |
| %RSD   | 90.440 | 7.9364 | 21.062 | 31.370 | 49.122 | 7.7378 | 67.365 | 4.1632 |

|    |         |         |         |        |         |        |         |         |
|----|---------|---------|---------|--------|---------|--------|---------|---------|
| #1 | -.00252 | -.01217 | -.00316 | .00476 | -.00203 | .05333 | -.00157 | -.00028 |
| #2 | -.00055 | -.01087 | -.00427 | .00748 | -.00098 | .04780 | -.00056 | -.00026 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00014 | .07511 | .01979 | .00054 | .00023 | .10644 | .00168 | .01899 |
| Stddev | .00002 | .01059 | .00041 | .00002 | .00039 | .02064 | .00005 | .07811 |
| %RSD   | 16.765 | 14.105 | 2.0848 | 3.9455 | 172.31 | 19.391 | 2.8629 | 411.26 |

|    |         |        |        |        |         |        |        |         |
|----|---------|--------|--------|--------|---------|--------|--------|---------|
| #1 | -.00012 | .08260 | .01950 | .00053 | .00050  | .12103 | .00164 | .07422  |
| #2 | -.00016 | .06762 | .02008 | .00056 | -.00005 | .09185 | .00171 | -.03624 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00583 | .00017 | .16858 | .00036 | .01632 | .04178 | .00038 | .01058 |
| Stddev | .00086 | .00034 | .02239 | .00007 | .00021 | .01014 | .00030 | .00946 |
| %RSD   | 14.734 | 203.85 | 13.284 | 20.249 | 1.2848 | 24.265 | 77.562 | 89.373 |

|    |        |         |        |         |        |        |        |         |
|----|--------|---------|--------|---------|--------|--------|--------|---------|
| #1 | .00522 | -.00007 | .18442 | -.00041 | .01647 | .04895 | .00017 | -.00389 |
| #2 | .00643 | .00040  | .15275 | -.00031 | .01617 | .03461 | .00059 | -.01727 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .15011 | .04176 | .00024 | .00445 | .00041 | .0000  | .00061 |  |
| Stddev | .01343 | .00630 | .00034 | .00123 | .00027 | .0000  | .00011 |  |
| %RSD   | 8.9496 | 15.094 | 140.87 | 27.718 | 66.359 | 98.28  | 17.692 |  |

|    |        |        |         |        |         |       |        |  |
|----|--------|--------|---------|--------|---------|-------|--------|--|
| #1 | .15961 | .04622 | .00000  | .00357 | -.00060 | .0000 | .00069 |  |
| #2 | .14061 | .03731 | -.00049 | .00532 | -.00022 | .0001 | .00053 |  |

Sample Name: I3585-02      Acquired: 6/13/2017 17:16:00      Type: Unk  
Method: P4-ICP2(v2054)      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       | 3896.6  | 75668.  | 4340.5  | 36.440 | 4069.2 |
| Stddev    | 23.9    | 50.     | 32.3    | 1.245  | 21.1   |
| %RSD      | .61272  | .06667  | .74462  | 1.4402 | .51776 |
| #1        | 3879.8  | 75633.  | 4317.7  | 85.560 | 4054.3 |
| #2        | 3913.5  | 75704.  | 4363.4  | 87.320 | 4084.1 |

Sample Name: I3585-09      Acquired: 6/13/2017 17:20:13      Type: Unk  
Method: P4-ICP2(v2054)      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    | .01064 | -.00470 | -.00177 | -.04119 | -.00397 | .84754 | .15021 | -.00004 |
| Stddev | .00127 | .00000  | .00011  | .00087  | .00042  | .03063 | .00509 | .00004  |
| %RSD   | 11.949 | .08835  | 6.0709  | 2.1221  | 10.575  | 3.6142 | 3.3911 | 110.30  |

|    |        |         |         |         |         |        |        |         |
|----|--------|---------|---------|---------|---------|--------|--------|---------|
| #1 | .01154 | -.00470 | -.00185 | -.04181 | -.00368 | .82588 | .15381 | -.00001 |
| #2 | .00974 | -.00471 | -.00170 | -.04057 | -.00427 | .86920 | .14661 | -.00007 |

|        |         |        |        |        |        |        |        |        |
|--------|---------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265  | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | -.00015 | 403.48 | .00595 | .00414 | .00531 | 3.2441 | 3.8014 | 54.366 |
| Stddev | .00007  | 10.45  | .00012 | .00012 | .00053 | .1746  | .0639  | 1.254  |
| %RSD   | 48.074  | 2.5903 | 2.0379 | 2.8176 | 10.026 | 2.7962 | .93952 | 2.3072 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | -.00010 | 410.87 | .00587 | .00422 | .00569 | 6.3676 | 6.7562 | 55.253 |
| #2 | -.00020 | 396.09 | .00604 | .00405 | .00494 | 6.1206 | 6.8466 | 53.479 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00915 | .00040 | 121.64 | .00264 | .02259 | 3.8879 | .00306 | .01915 |
| Stddev | .00052 | .00022 | 3.47   | .00068 | .00079 | .1643  | .00010 | .00153 |
| %RSD   | 5.7080 | 55.678 | 2.8564 | 25.911 | 3.5093 | 2.7903 | 3.1644 | 7.9966 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00952 | .00024 | 124.10 | .00215 | .02315 | 6.0041 | .00299 | .01806 |
| #2 | .00878 | .00056 | 119.19 | .00312 | .02203 | 5.7717 | .00313 | .02023 |

|        |        |        |         |        |        |        |        |  |
|--------|--------|--------|---------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899  | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | 3.4775 | 3.5655 | -.00010 | .00143 | .01128 | .1634  | 2.0008 |  |
| Stddev | .1161  | .2298  | .00004  | .00426 | .00048 | .0026  | .0564  |  |
| %RSD   | 1.3700 | 2.6823 | 38.987  | 296.97 | 4.2251 | 1.591  | 2.8190 |  |

|    |        |        |         |         |        |       |        |  |
|----|--------|--------|---------|---------|--------|-------|--------|--|
| #1 | 8.5596 | 8.7279 | -.00007 | .00445  | .01161 | .1652 | 2.0407 |  |
| #2 | 8.3954 | 8.4030 | -.00013 | -.00158 | .01094 | .1615 | 1.9609 |  |

Sample Name: I3585-09      Acquired: 6/13/2017 17:20:13      Type: Unk  
Method: P4-ICP2(v2054)      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       | 3668.5  | 73372.  | 4133.0  | 30.647 | 3902.0 |
| Stddev    | 56.8    | 439.    | 116.3   | 2.838  | 56.2   |
| %RSD      | 1.5476  | .59782  | 2.8145  | 3.5186 | 1.4402 |
| #1        | 3628.4  | 73682.  | 4050.8  | 78.641 | 3862.3 |
| #2        | 3708.7  | 73062.  | 4215.3  | 82.654 | 3941.8 |

Sample Name: I3585-09DUP      Acquired: 6/13/2017 17:24:29      Type: Unk  
Method: P4-ICP2(v2054)      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    | .01044 | -.00508 | -.00063 | -.03955 | -.00303 | .82972 | .14298 | -.00001 |
| Stddev | .00002 | .00047  | .00112  | .00212  | .00009  | .01356 | .00021 | .00002  |
| %RSD   | .18990 | 9.3477  | 178.78  | 5.3702  | 2.8677  | 1.6344 | .14775 | 162.20  |

|    |        |         |         |         |         |        |        |         |
|----|--------|---------|---------|---------|---------|--------|--------|---------|
| #1 | .01045 | -.00542 | .00017  | -.04106 | -.00297 | .83931 | .14283 | -.00002 |
| #2 | .01043 | -.00475 | -.00142 | -.03805 | -.00310 | .82013 | .14313 | .00000  |

|        |         |        |        |        |        |        |        |        |
|--------|---------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265  | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | -.00024 | 388.38 | .00460 | .00395 | .00524 | 3.1231 | 3.6996 | 52.284 |
| Stddev | .00009  | 1.29   | .00051 | .00008 | .00072 | .0415  | .0305  | .027   |
| %RSD   | 36.381  | .33283 | 11.095 | 2.1305 | 13.701 | .67729 | .45592 | .05132 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | -.00031 | 387.47 | .00496 | .00389 | .00575 | 6.1524 | 6.7212 | 52.303 |
| #2 | -.00018 | 389.30 | .00424 | .00401 | .00473 | 6.0937 | 6.6780 | 52.265 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00942 | .00052 | 116.77 | .00226 | .02212 | 3.6764 | .00294 | .01224 |
| Stddev | .00034 | .00002 | .12    | .00015 | .00042 | .0411  | .00003 | .00286 |
| %RSD   | 3.6515 | 4.4208 | .10025 | 6.6571 | 1.8928 | .72406 | .88900 | 23.359 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00966 | .00050 | 116.85 | .00236 | .02241 | 5.6473 | .00292 | .01426 |
| #2 | .00918 | .00054 | 116.68 | .00215 | .02182 | 5.7054 | .00296 | .01022 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | 3.5364 | 3.2686 | .00046 | .00513 | .01018 | .1647  | 1.9197 |  |
| Stddev | .0138  | .0594  | .00068 | .00109 | .00095 | .0008  | .0028  |  |
| %RSD   | .16110 | .71772 | 150.18 | 21.307 | 9.2947 | .4616  | .14777 |  |

|    |        |        |         |        |        |       |        |  |
|----|--------|--------|---------|--------|--------|-------|--------|--|
| #1 | 8.5267 | 8.2266 | -.00003 | .00591 | .00951 | .1642 | 1.9177 |  |
| #2 | 8.5461 | 8.3106 | .00094  | .00436 | .01085 | .1653 | 1.9217 |  |



Sample Name: I3585-09DUP      Acquired: 6/13/2017 17:24:29      Type: Unk  
Method: P4-ICP2(v2054)      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       | 3645.3  | 73792.  | 4275.3  | 31.706 | 3860.6 |
| Stddev    | 8.0     | 158.    | 5.6     | 1.702  | 7.1    |
| %RSD      | .22012  | .21361  | .13168  | 2.0824 | .18448 |
| #1        | 3639.6  | 73680.  | 4279.3  | 80.503 | 3855.5 |
| #2        | 3650.9  | 73903.  | 4271.3  | 82.910 | 3865.6 |

Sample Name: I3585-09LX5      Acquired: 6/13/2017 17:28:44      Type: Unk  
Method: P4-ICP2(v2054)      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    | .00239 | -.00327 | -.00098 | -.00910 | -.00170 | .22588 | .02726 | .00001 |
| Stddev | .00163 | .00090  | .00046  | .00021  | .00156  | .00121 | .00009 | .00006 |
| %RSD   | 67.981 | 27.477  | 47.110  | 2.2540  | 91.565  | .53707 | .32471 | 707.10 |

|    |        |         |         |         |         |        |        |         |
|----|--------|---------|---------|---------|---------|--------|--------|---------|
| #1 | .00124 | -.00263 | -.00065 | -.00925 | -.00060 | .22674 | .02733 | .00005  |
| #2 | .00354 | -.00391 | -.00130 | -.00896 | -.00280 | .22503 | .02720 | -.00004 |

|        |         |        |        |        |        |        |        |        |
|--------|---------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265  | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | -.00014 | 79.106 | .00073 | .00109 | .00046 | 1.2357 | 1.4378 | 10.811 |
| Stddev | .00002  | .180   | .00056 | .00018 | .00003 | .0336  | .0013  | .020   |
| %RSD   | 13.889  | .22743 | 76.930 | 16.783 | 7.2435 | 2.7228 | .09062 | .18949 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | -.00016 | 78.979 | .00033 | .00096 | .00048 | 1.2594 | 1.4368 | 10.826 |
| #2 | -.00013 | 79.233 | .00112 | .00122 | .00043 | 1.2119 | 1.4387 | 10.797 |

|        |        |        |        |        |        |        |        |         |
|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | .00200 | .00030 | 23.369 | .00041 | .00445 | 1.1270 | .00046 | -.00177 |
| Stddev | .00018 | .00047 | .038   | .00015 | .00012 | .0306  | .00020 | .00716  |
| %RSD   | 8.8006 | 158.40 | .16205 | 37.811 | 2.6045 | 2.7114 | 42.548 | 404.85  |

|    |        |         |        |        |        |        |        |         |
|----|--------|---------|--------|--------|--------|--------|--------|---------|
| #1 | .00187 | .00063  | 23.342 | .00030 | .00453 | 1.1486 | .00032 | -.00683 |
| #2 | .00212 | -.00004 | 23.396 | .00052 | .00437 | 1.1054 | .00060 | .00330  |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.7811 | 1.7530 | .00003 | .00516 | .00250 | .0331  | .37946 |
| Stddev | .0004  | .0086  | .00012 | .00097 | .00113 | .0010  | .00067 |
| %RSD   | .02129 | .49331 | 336.76 | 18.841 | 45.182 | 3.114  | .17542 |

|    |        |        |         |        |        |       |        |
|----|--------|--------|---------|--------|--------|-------|--------|
| #1 | 1.7814 | 1.7591 | -.00005 | .00585 | .00170 | .0338 | .37899 |
| #2 | 1.7808 | 1.7469 | .00012  | .00448 | .00330 | .0324 | .37994 |

Sample Name: I3585-09LX5      Acquired: 6/13/2017 17:28:44      Type: Unk  
Method: P4-ICP2(v2054)      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       | 3803.1  | 75090.  | 4335.1  | 35.446 | 4051.0 |
| Stddev    | .9      | 24.     | 7.0     | 1.532  | .9     |
| %RSD      | .02386  | .03170  | .16141  | 1.7931 | .02246 |
| #1        | 3803.7  | 75107.  | 4340.0  | 84.363 | 4050.4 |
| #2        | 3802.5  | 75073.  | 4330.2  | 86.529 | 4051.6 |

Sample Name: I3585-09MS      Acquired: 6/13/2017 17:32:54      Type: Unk  
Method: P4-ICP2(v2054)      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    | .85910 | 2.0880 | .96660 | 1.8328 | .85861 | 3.3247 | .36155 | .20187 | .20538 |
| Stddev | .00402 | .0060  | .00394 | .0064  | .00487 | .0064  | .00071 | .00074 | .00046 |
| %RSD   | .46846 | .28852 | .40794 | .35011 | .56760 | .19138 | .19574 | .36630 | .22574 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .85625 | 2.0837 | .96381 | 1.8374 | .85516 | 3.3292 | .36105 | .20240 | .20505 |
| #2 | .86195 | 2.0922 | .96939 | 1.8283 | .86205 | 3.3202 | .36205 | .20135 | .20571 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 400.72 | .44409 | .20922 | .32216 | 9.8417 | 7.1467 | 55.466 | .53420 | .08196 |
| Stddev | .72    | .00156 | .00091 | .00163 | .2120  | .0508  | .305   | .00229 | .00025 |
| %RSD   | .17912 | .35117 | .43321 | .50740 | 2.1537 | .71059 | .54993 | .42954 | .30478 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 400.21 | .44519 | .20858 | .32100 | 9.6918 | 7.1826 | 55.250 | .53258 | .08213 |
| #2 | 401.23 | .44299 | .20986 | .32331 | 9.9915 | 7.1108 | 55.681 | .53582 | .08178 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 123.32 | .34495 | .23050 | 17.547 | .46092 | .34808 | 3.6546 | 9.4712 | .74667 |
| Stddev | .04    | .00098 | .00468 | .004   | .00168 | .00089 | .0070  | .0668  | .00169 |
| %RSD   | .03299 | .28409 | 2.0287 | .02106 | .36511 | .25535 | .08135 | .70476 | .22600 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 123.29 | .34564 | .22719 | 17.550 | .45973 | .34746 | 8.6497 | 9.4240 | .74548 |
| #2 | 123.34 | .34426 | .23381 | 17.545 | .46211 | .34871 | 8.6596 | 9.5184 | .74786 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | .21771 | .24986 | 6.632  | 2.1966 |
| Stddev | .00407 | .00150 | .017   | .0009  |
| %RSD   | 1.8690 | .59925 | .2558  | .03904 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .22059 | .24880 | 6.620 | 2.1972 |
| #2 | .21483 | .25092 | 6.644 | 2.1960 |

Sample Name: I3585-09MS      Acquired: 6/13/2017 17:32:54      Type: Unk  
 Method: P4-ICP2(v2054)      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       | 3630.4  | 73070.  | 4227.9  | 30.201 | 3816.6 |
| Stddev    | 1.0     | 602.    | .0      | 1.585  | .5     |
| %RSD      | .02679  | .82441  | .00012  | 1.9766 | .01339 |
| #1        | 3631.0  | 72644.  | 4227.9  | 81.322 | 3816.9 |
| #2        | 3629.7  | 73496.  | 4227.9  | 79.080 | 3816.2 |

Sample Name: I3585-09MSD      Acquired: 6/13/2017 17:36:55      Type: Unk  
Method: P4-ICP2(v2054)      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    | .86324 | 2.0884 | .97301 | 1.8427 | .86239 | 3.3205 | .36542 | .19988 | .20567 |
| Stddev | .00083 | .0030  | .00623 | .0024  | .00041 | .0185  | .00171 | .00069 | .00078 |
| %RSD   | .09650 | .14512 | .63999 | .13202 | .04779 | .55556 | .46856 | .34652 | .37873 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .86265 | 2.0862 | .96861 | 1.8410 | .86268 | 3.3336 | .36663 | .20037 | .20512 |
| #2 | .86383 | 2.0905 | .97741 | 1.8445 | .86210 | 3.3075 | .36420 | .19939 | .20622 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 404.88 | .43668 | .20864 | .32290 | 9.7860 | 7.0777 | 56.225 | .53432 | .08065 |
| Stddev | .10    | .00170 | .00129 | .00107 | .0138  | .0086  | .008   | .00267 | .00019 |
| %RSD   | .02449 | .38921 | .61709 | .33158 | .14099 | .12129 | .01372 | .49956 | .24167 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 404.95 | .43788 | .20773 | .32366 | 9.7762 | 7.0838 | 56.230 | .53243 | .08051 |
| #2 | 404.81 | .43548 | .20955 | .32215 | 9.7958 | 7.0716 | 56.219 | .53620 | .08078 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 124.65 | .34175 | .23029 | 17.693 | .46042 | .35201 | 3.6699 | 9.5330 | .74923 |
| Stddev | .42    | .00182 | .00190 | .047   | .00010 | .00765 | .0326  | .0081  | .00309 |
| %RSD   | .33408 | .53251 | .82505 | .26700 | .02152 | 2.1728 | .37552 | .08468 | .41263 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 124.95 | .34304 | .22895 | 17.727 | .46035 | .35742 | 8.6469 | 9.5273 | .74705 |
| #2 | 124.36 | .34046 | .23164 | 17.660 | .46049 | .34660 | 8.6929 | 9.5387 | .75142 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | .22006 | .25138 | 6.645  | 2.2209 |
| Stddev | .00198 | .00109 | .036   | .0117  |
| %RSD   | .89899 | .43509 | .5459  | .52441 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .22146 | .25216 | 6.619 | 2.2291 |
| #2 | .21866 | .25061 | 6.671 | 2.2126 |

Sample Name: I3585-09MSD      Acquired: 6/13/2017 17:36:55      Type: Unk  
Method: P4-ICP2(v2054)      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       | 3631.2  | 73596.  | 4188.0  | 30.483 | 3818.7 |
| Stddev    | 5.3     | 427.    | 9.1     | .482   | 1.8    |
| %RSD      | .14659  | .57969  | .21801  | .59869 | .04737 |
| #1        | 3627.4  | 73294.  | 4181.5  | 80.823 | 3820.0 |
| #2        | 3635.0  | 73898.  | 4194.4  | 80.142 | 3817.4 |

Sample Name: I3585-09A      Acquired: 6/13/2017 17:40:55      Type: Unk  
Method: P4-ICP2(v2054)      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    | .88536 | 2.1413 | .98965 | 1.9050 | .90641 | 3.8150 | .36801 | .20717 | .20927 |
| Stddev | .00566 | .0059  | .00117 | .0126  | .00589 | .0810  | .00204 | .00100 | .00056 |
| %RSD   | .63917 | .27449 | .11846 | .65998 | .64963 | 2.1228 | .55362 | .48458 | .26891 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .88936 | 2.1455 | .99048 | 1.9138 | .91058 | 3.8723 | .36945 | .20788 | .20966 |
| #2 | .88135 | 2.1372 | .98882 | 1.8961 | .90225 | 3.7577 | .36657 | .20646 | .20887 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 389.02 | .43626 | .21312 | .32892 | 9.5048 | 3.8877 | 53.952 | .53851 | .08337 |
| Stddev | 1.42   | .00088 | .00046 | .00210 | .1288  | .0664  | .061   | .00009 | .00036 |
| %RSD   | .36379 | .20209 | .21621 | .63904 | 1.3549 | .96480 | .11311 | .01682 | .43616 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 390.02 | .43688 | .21345 | .33041 | 9.4137 | 6.9346 | 53.995 | .53858 | .08363 |
| #2 | 388.02 | .43564 | .21279 | .32743 | 9.5959 | 6.8407 | 53.909 | .53845 | .08311 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 120.26 | .35230 | .23333 | 17.885 | .48202 | .35934 | 3.4264 | 10.156 | .78508 |
| Stddev | .78    | .00134 | .00407 | .084   | .00276 | .00794 | .0291  | .059   | .00074 |
| %RSD   | .65209 | .38125 | 1.7454 | .47080 | .57158 | 2.2085 | .34496 | .58557 | .09418 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 120.81 | .35325 | .23045 | 17.944 | .48397 | .36495 | 8.4470 | 10.114 | .78561 |
| #2 | 119.70 | .35135 | .23621 | 17.825 | .48007 | .35373 | 8.4059 | 10.198 | .78456 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | .26956 | .25792 | 6.814  | 2.1496 |
| Stddev | .00216 | .00144 | .013   | .0103  |
| %RSD   | .80225 | .55957 | .1835  | .47863 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .27109 | .25690 | 6.822 | 2.1568 |
| #2 | .26803 | .25894 | 6.805 | 2.1423 |



Sample Name: I3585-09A      Acquired: 6/13/2017 17:40:55      Type: Unk  
Method: P4-ICP2(v2054)      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       | 3644.1  | 73140.  | 4221.1  | 31.210 | 3834.0 |
| Stddev    | 26.6    | 738.    | 18.3    | 1.145  | 15.5   |
| %RSD      | .72914  | 1.0097  | .43421  | 1.4100 | .40483 |
| #1        | 3625.3  | 72618.  | 4208.1  | 82.020 | 3823.0 |
| #2        | 3662.9  | 73662.  | 4234.0  | 80.401 | 3845.0 |

Sample Name: I3624-01      Acquired: 6/13/2017 17:44:55      Type: Unk  
Method: P4-ICP2(v2054)      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    | .06818 | .00079 | .88031 | .11961 | .01066 | 174.66 | 1.1806 | .01034 | .00558 |
| Stddev | .00096 | .00067 | .00278 | .00434 | .00206 | 1.32   | .0020  | .00011 | .00024 |
| %RSD   | 1.4018 | 84.426 | .31625 | 3.6261 | 19.328 | .75725 | .17257 | 1.1080 | 4.2760 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .06751 | .00126 | .87834 | .12268 | .00920 | 175.60 | 1.1791 | .01042 | .00542 |
| #2 | .06886 | .00032 | .88228 | .11655 | .01212 | 173.73 | 1.1820 | .01026 | .00575 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 34.328 | .42591 | .13975 | 1.0588 | 400.38 | 5.7487 | 45.665 | .29785 | .03186 |
| Stddev | .118   | .00310 | .00059 | .0047  | 3.28   | .0464  | .236   | .00055 | .00007 |
| %RSD   | .18386 | .72894 | .41995 | .44406 | .81973 | .80641 | .51592 | .18426 | .21584 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 64.245 | .42811 | .13934 | 1.0555 | 402.70 | 5.7815 | 45.498 | .29747 | .03191 |
| #2 | 64.412 | .42371 | .14017 | 1.0621 | 398.05 | 5.7160 | 45.831 | .29824 | .03181 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 10.902 | .58843 | 1.5087 | 12.444 | .00599 | .08940 | 1.8662 | 3.9694 | .04178 |
| Stddev | .057   | .00246 | .0104  | .031   | .00005 | .00739 | .0105  | .0090  | .00034 |
| %RSD   | .52602 | .41727 | .69223 | .24738 | .86121 | 8.2696 | .56194 | .22693 | .81422 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 10.862 | .59017 | 1.5161 | 12.466 | .00596 | .09463 | 1.8587 | 3.9630 | .04154 |
| #2 | 10.943 | .58670 | 1.5013 | 12.422 | .00603 | .08418 | 1.8736 | 3.9757 | .04202 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.8260 | .26835 | 6.311  | 37282  |
| Stddev | .0146  | .00060 | .010   | .00070 |
| %RSD   | .51508 | .22271 | .1633  | .18846 |

|    |        |        |       |       |
|----|--------|--------|-------|-------|
| #1 | 2.8157 | .26793 | 6.304 | 37232 |
| #2 | 2.8363 | .26878 | 6.318 | 37332 |

Sample Name: I3624-01      Acquired: 6/13/2017 17:44:55      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4287.9  | 35763.  | 5025.6  | 35.973 | 3893.1 |
| Stddev    | .6      | 719.    | 1.3     | .743   | 1.0    |
| %RSD      | .01330  | .83791  | .02661  | .86388 | .02607 |
| #1        | 4288.3  | 85255.  | 5024.6  | 85.448 | 3893.8 |
| #2        | 4287.4  | 86271.  | 5026.5  | 86.498 | 3892.4 |

Sample Name: I3624-04      Acquired: 6/13/2017 17:49:06      Type: Unk  
Method: P4-ICP2(v2054)      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    | .11758 | .00934 | 1.3727 | .15280 | .01506 | 161.55 | 1.7916 | .01347 |
| Stddev | .00128 | .00275 | .0013  | .00575 | .00285 | .40    | .0023  | .00012 |
| %RSD   | 1.0926 | 29.447 | .09582 | 3.7602 | 18.904 | .25068 | .12900 | .86062 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .11848 | .00740 | 1.3718 | .14873 | .01305 | 161.27 | 1.7900 | .01339 |
| #2 | .11667 | .01129 | 1.3737 | .15686 | .01707 | 161.84 | 1.7933 | .01355 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01024 | 102.91 | 1.2223 | .20307 | 1.1626 | 528.09 | 13.990 | 53.757 |
| Stddev | .00067 | .11    | .0071  | .00048 | .0055  | 6.78   | .019   | .051   |
| %RSD   | 6.5531 | .10819 | .57810 | .23517 | .47138 | 1.2834 | .13276 | .09536 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .01071 | 102.83 | 1.2173 | .20341 | 1.1664 | 523.29 | 14.003 | 53.720 |
| #2 | .00976 | 102.99 | 1.2273 | .20273 | 1.1587 | 532.88 | 13.976 | 53.793 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .37374 | .04434 | 11.044 | .78660 | 1.8499 | 12.122 | .03226 | .08189 |
| Stddev | .00139 | .00091 | .044   | .00229 | .0126  | .038   | .00058 | .00562 |
| %RSD   | .37302 | 2.0451 | .40215 | .29072 | .68258 | .31426 | 1.7965 | 6.8581 |

|    |        |        |        |        |        |        |        |         |
|----|--------|--------|--------|--------|--------|--------|--------|---------|
| #1 | .37275 | .04370 | 11.013 | .78498 | 1.8410 | 12.096 | .03267 | -.07792 |
| #2 | .37472 | .04498 | 11.075 | .78821 | 1.8589 | 12.149 | .03185 | -.08587 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 3.6971 | 3.6124 | .11197 | 3.1189 | .26240 | 9.237  | .44915 |
| Stddev | .0009  | .0077  | .00093 | .0116  | .00004 | .005   | .00039 |
| %RSD   | .02487 | .21245 | .83197 | .37323 | .01686 | .0593  | .08591 |

|    |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|-------|--------|
| #1 | 3.6964 | 3.6179 | .11263 | 3.1107 | .26243 | 9.241 | .44887 |
| #2 | 3.6977 | 3.6070 | .11131 | 3.1271 | .26237 | 9.233 | .44942 |

Sample Name: I3624-04      Acquired: 6/13/2017 17:49:06      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4272.2  | 36783.  | 5105.3  | 34.127 | 3732.1 |
| Stddev    | 4.3     | 46.     | 15.2    | .633   | 4.5    |
| %RSD      | .09969  | .05296  | .29688  | .75243 | .12133 |
| #1        | 4269.2  | 86751.  | 5094.6  | 84.574 | 3728.9 |
| #2        | 4275.2  | 86816.  | 5116.0  | 83.679 | 3735.3 |

Sample Name: CCV07      Acquired: 6/13/2017 17:53:15      Type: Unk  
Method: P4-ICP2(v2054)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 5.0174 | 5.0185 | 4.6664 | 5.1156 | 5.2170 | 10.779 | 9.7130 | 2.4024 | 2.5021 |
| Stddev | .0133  | .0028  | .0129  | .0276  | .0170  | .029   | .0025  | .00066 | .0064  |
| %RSD   | .26407 | .05562 | .27704 | .53995 | .32575 | .27235 | .02596 | .27658 | .25665 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 5.0080 | 5.0166 | 4.6572 | 5.0961 | 5.2050 | 10.800 | 9.7148 | 2.4071 | 2.4976 |
| #2 | 5.0267 | 5.0205 | 4.6755 | 5.1351 | 5.2290 | 10.758 | 9.7112 | 2.3977 | 2.5067 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 24.252 | 9.7848 | 2.3732 | 1.2423 | 5.0430 | 2.6045 | 22.550 | 2.4834 | 1.2258 |
| Stddev | .016   | .00081 | .0025  | .0030  | .0075  | .0033  | .008   | .0086  | .0001  |
| %RSD   | .06589 | .08238 | .10715 | .24390 | .14911 | .12645 | .03356 | .34697 | .01061 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 24.241 | 9.7791 | 2.3714 | 1.2402 | 5.0483 | 2.6068 | 22.544 | 2.4773 | 1.2259 |
| #2 | 24.263 | 9.7905 | 2.3750 | 1.2445 | 5.0376 | 2.6021 | 22.555 | 2.4895 | 1.2258 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 24.615 | 2.5786 | 2.4136 | 25.677 | 5.1606 | 4.9716 | 5.1588 | 5.1196 | 4.9757 |
| Stddev | .032   | .0010  | .0099  | .029   | .0081  | .0074  | .0200  | .0095  | .0117  |
| %RSD   | .12914 | .03817 | .40983 | .11461 | .15634 | .14919 | .38780 | .18522 | .23533 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 24.592 | 2.5793 | 2.4206 | 25.698 | 5.1549 | 4.9664 | 5.1446 | 5.1129 | 4.9674 |
| #2 | 24.637 | 2.5779 | 2.4066 | 25.656 | 5.1663 | 4.9769 | 5.1729 | 5.1263 | 4.9840 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.9440 | 5.1235 | 5.142  | 5.0790 |
| Stddev | .0009  | .0027  | .016   | .0045  |
| %RSD   | .01842 | .05342 | .3035  | .08931 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 4.9447 | 5.1254 | 5.131 | 5.0822 |
| #2 | 4.9434 | 5.1215 | 5.153 | 5.0758 |

Sample Name: CCV07      Acquired: 6/13/2017 17:53:15      Type: Unk  
Method: P4-ICP2(v2054)      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       | 3776.5  | 74179.  | 4313.0  | 34.401 | 3948.3 |
| Stddev    | 16.3    | 164.    | 3.9     | .261   | 16.1   |
| %RSD      | .43259  | .22168  | .09024  | .30909 | .40901 |
| #1        | 3788.1  | 74063.  | 4315.7  | 84.216 | 3959.7 |
| #2        | 3765.0  | 74296.  | 4310.2  | 84.585 | 3936.9 |

Sample Name: LLCCV03      Acquired: 6/13/2017 17:57:07      Type: Unk  
Method: P4-ICP2(v2054)      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    | .02142 | .03452 | .01016 | .01871 | .05142 | .11453 | .10061 | .00597 | .00623 |
| Stddev | .00132 | .00228 | .00084 | .00189 | .00115 | .00214 | .00026 | .00000 | .00003 |
| %RSD   | 6.1816 | 6.6119 | 8.2923 | 10.096 | 2.2306 | 1.8696 | .25527 | .07889 | .53141 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .02235 | .03290 | .01076 | .02004 | .05061 | .11604 | .10043 | .00597 | .00625 |
| #2 | .02048 | .03613 | .00957 | .01737 | .05223 | .11301 | .10080 | .00598 | .00621 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.0321 | .01085 | .03030 | .02165 | .10607 | .02280 | 1.9548 | .04229 | .01059 |
| Stddev | .0100  | .00030 | .00028 | .00012 | .00075 | .00000 | .0641  | .00037 | .00006 |
| %RSD   | .49309 | 2.7490 | .91785 | .55180 | .70989 | .01008 | 3.2795 | .86437 | .57143 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.0250 | .01106 | .03049 | .02156 | .10660 | .02280 | 1.9095 | .04204 | .01054 |
| #2 | 2.0392 | .01064 | .03010 | .02173 | .10554 | .02280 | 2.0001 | .04255 | .01063 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.1326 | .04358 | .04015 | 2.2094 | .23044 | .11122 | .01833 | .39309 | .04261 |
| Stddev | .0160  | .00010 | .00050 | .0495  | .00036 | .00690 | .00216 | .00145 | .00041 |
| %RSD   | .75252 | .23476 | 1.2500 | 2.2422 | .15530 | 6.2006 | 11.770 | .36775 | .95160 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.1212 | .04366 | .04051 | 2.2444 | .23069 | .10634 | .01986 | .39411 | .04232 |
| #2 | 2.1439 | .04351 | .03980 | 2.1744 | .23019 | .11609 | .01681 | .39207 | .04290 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | .04448 | .02075 | .0217  | .02333 |
| Stddev | .00130 | .00035 | .0014  | .00021 |
| %RSD   | 2.9141 | 1.7056 | 6.275  | .92137 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .04540 | .02100 | .0226 | .02349 |
| #2 | .04357 | .02050 | .0207 | .02318 |



Sample Name: LLCCV03      Acquired: 6/13/2017 17:57:07      Type: Unk  
Method: P4-ICP2(v2054)      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       | 3898.8  | 76245.  | 4384.1  | 38.594 | 4240.4 |
| Stddev    | 2.4     | 264.    | 1.2     | 1.101  | 2.9    |
| %RSD      | .06169  | .34613  | .02809  | 1.2426 | .06918 |
| #1        | 3900.5  | 76059.  | 4384.9  | 87.815 | 4242.4 |
| #2        | 3897.1  | 76432.  | 4383.2  | 89.372 | 4238.3 |

Sample Name: CCB07      Acquired: 6/13/2017 18:01:17      Type: Unk

Method: P4-ICP2(v2054)      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    | .00145 | -.00373 | -.00138 | .00445 | -.00120 | .00652 | -.00110 | -.00009 |
| Stddev | .00053 | .00154  | .00034  | .00142 | .00038  | .00834 | .00049  | .00003  |
| %RSD   | 36.804 | 41.174  | 24.869  | 31.799 | 31.493  | 127.83 | 44.572  | 36.769  |

|    |        |         |         |        |         |        |         |         |
|----|--------|---------|---------|--------|---------|--------|---------|---------|
| #1 | .00107 | -.00481 | -.00114 | .00545 | -.00093 | .00063 | -.00145 | -.00007 |
| #2 | .00183 | -.00264 | -.00163 | .00345 | -.00147 | .01242 | -.00076 | -.00011 |

|        |        |         |         |         |         |         |        |         |
|--------|--------|---------|---------|---------|---------|---------|--------|---------|
| Elem   | Cd2265 | Ca3736  | Cr2677  | Co2286  | Cu2247  | Fe2404  | Mn2576 | Mg2790  |
| Units  | ppm    | ppm     | ppm     | ppm     | ppm     | ppm     | ppm    | ppm     |
| Avg    | .00000 | -.00780 | -.00037 | -.00031 | -.00018 | -.00627 | .00003 | -.01602 |
| Stddev | .00013 | .00525  | .00020  | .00015  | .00000  | .00425  | .00004 | .00117  |
| %RSD   | 2727.7 | 67.304  | 55.038  | 48.664  | 2.7140  | 67.903  | 140.14 | 7.3129  |

|    |         |         |         |         |         |         |        |         |
|----|---------|---------|---------|---------|---------|---------|--------|---------|
| #1 | .00010  | -.00409 | -.00051 | -.00042 | -.00019 | -.00927 | .00000 | -.01519 |
| #2 | -.00009 | -.01151 | -.00022 | -.00021 | -.00018 | -.00326 | .00006 | -.01685 |

|        |        |         |        |         |         |        |        |         |
|--------|--------|---------|--------|---------|---------|--------|--------|---------|
| Elem   | Ni2316 | Ag3280  | Na5895 | V_2924  | Zn2138  | K_7664 | Mo2020 | B_2496  |
| Units  | ppm    | ppm     | ppm    | ppm     | ppm     | ppm    | ppm    | ppm     |
| Avg    | .00054 | -.00024 | .08876 | -.00056 | -.00036 | .05346 | .00091 | -.00801 |
| Stddev | .00030 | .00017  | .01160 | .00038  | .00013  | .01871 | .00009 | .00380  |
| %RSD   | 54.710 | 72.138  | 13.069 | 68.747  | 36.655  | 34.987 | 9.6817 | 47.405  |

|    |        |         |        |         |         |        |        |         |
|----|--------|---------|--------|---------|---------|--------|--------|---------|
| #1 | .00033 | -.00012 | .09697 | -.00029 | -.00027 | .06669 | .00097 | -.01070 |
| #2 | .00075 | -.00036 | .08056 | -.00083 | -.00046 | .04024 | .00085 | -.00533 |

|        |         |        |         |        |         |        |        |
|--------|---------|--------|---------|--------|---------|--------|--------|
| Elem   | S_1820  | Si2881 | Sn1899  | Ti3361 | Li6707  | P_1774 | Sr4077 |
| Units  | ppm     | ppm    | ppm     | ppm    | ppm     | ppm    | ppm    |
| Avg    | -.00308 | .00906 | -.00103 | .00231 | -.00111 | .0003  | .00007 |
| Stddev | .00055  | .00099 | .00054  | .00045 | .00025  | .0004  | .00020 |
| %RSD   | 17.716  | 10.888 | 52.269  | 19.386 | 22.824  | 125.0  | 264.48 |

|    |         |        |         |        |         |       |         |
|----|---------|--------|---------|--------|---------|-------|---------|
| #1 | -.00346 | .00976 | -.00141 | .00263 | -.00129 | .0000 | .00021  |
| #2 | -.00269 | .00837 | -.00065 | .00200 | -.00093 | .0006 | -.00007 |

Sample Name: CCB07      Acquired: 6/13/2017 18:01:17      Type: Unk  
Method: P4-ICP2(v2054)      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       | 3946.6  | 76331.  | 4420.0  | 32.008 | 4257.2 |
| Stddev    | 16.0    | 48.     | 1.8     | .197   | 31.0   |
| %RSD      | .40495  | .06282  | .03986  | .21426 | .72830 |
|           |         |         |         |        |        |
| #1        | 3935.3  | 76297.  | 4418.8  | 91.868 | 4235.3 |
| #2        | 3957.9  | 76365.  | 4421.3  | 92.147 | 4279.1 |