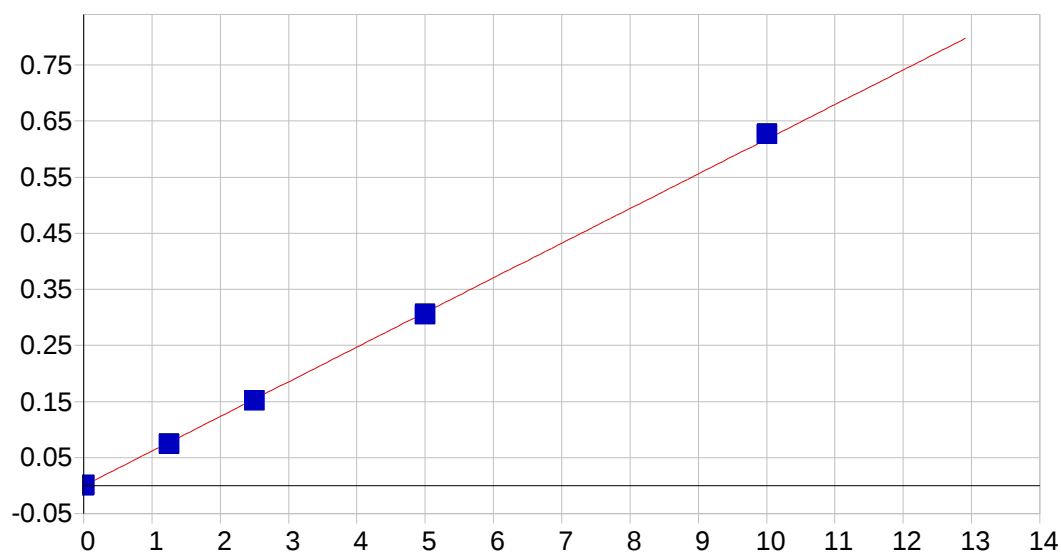




As 189.042 {479}

Date of Fit: 4/7/2017 15:11:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000230

Re-Slope: 1.000000

A1 (Gain): 0.061777

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999862

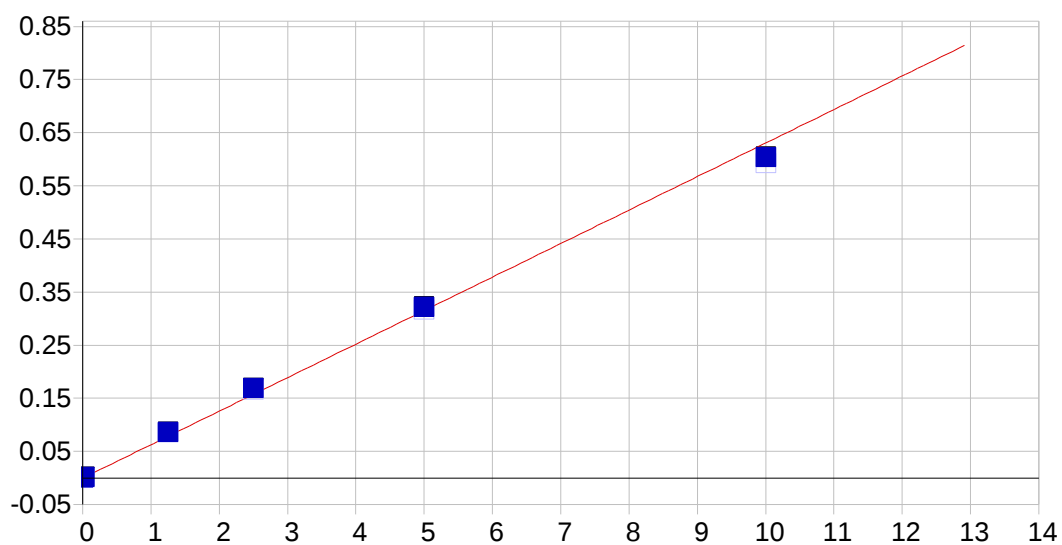
Status: OK.

Std Error of Est: 0.000017

Predicted MDL: 0.002475

Predicted MQL: 0.008251

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00023 | .000    | 1        |
| S1        | .01000       | .01017      | .000       | 1.66    | .00040  | .000    | 1        |
| S2        | 1.2500       | 1.2101      | -.040      | -3.19   | .07451  | .000    | 1        |
| S3        | 2.5000       | 2.4485      | -.052      | -2.06   | .15099  | .000    | 1        |
| S4        | 5.0000       | 4.9435      | -.057      | -1.13   | .30507  | .001    | 1        |
| S5        | 10.000       | 10.148      | .148       | 1.48    | .62649  | .001    | 1        |



TI 190.856 {477}

Date of Fit: 4/7/2017 15:11:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000488

Re-Slope: 1.000000

A1 (Gain): 0.063105

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.998730

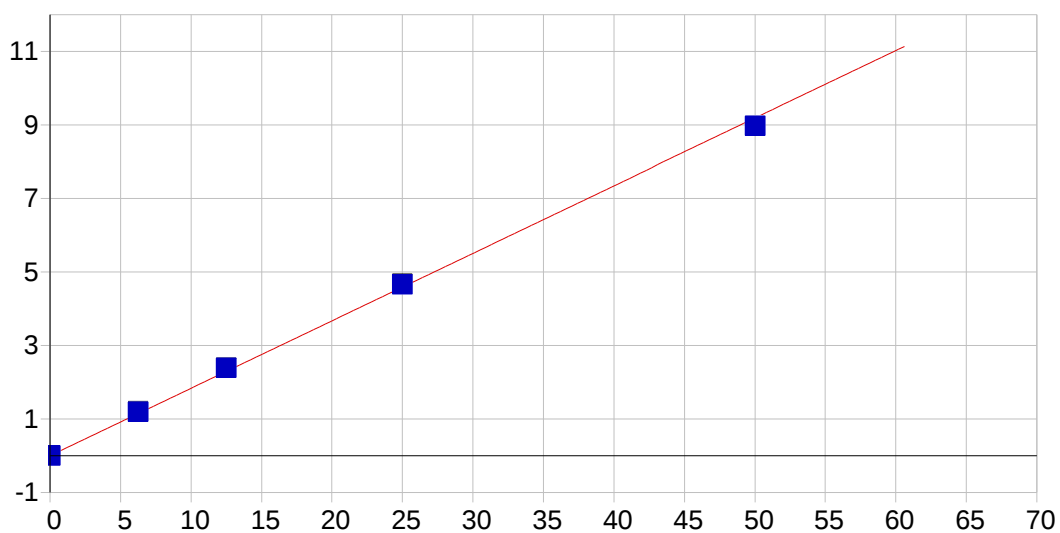
Status: OK.

Std Error of Est: 0.000083

Predicted MDL: 0.001809

Predicted MQL: 0.006030

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00001     | .000       | .000    | -.00049 | .000    | 1        |
| S1        | .02500       | .02645      | .001       | 5.80    | .00105  | .000    | 1        |
| S2        | 1.2500       | 1.3768      | .127       | 10.1    | .08496  | .000    | 1        |
| S3        | 2.5000       | 2.6814      | .181       | 7.26    | .16585  | .000    | 1        |
| S4        | 5.0000       | 5.1094      | .109       | 2.19    | .31621  | .001    | 1        |
| S5        | 10.000       | 9.5811      | -.419      | -4.19   | .59266  | .001    | 1        |

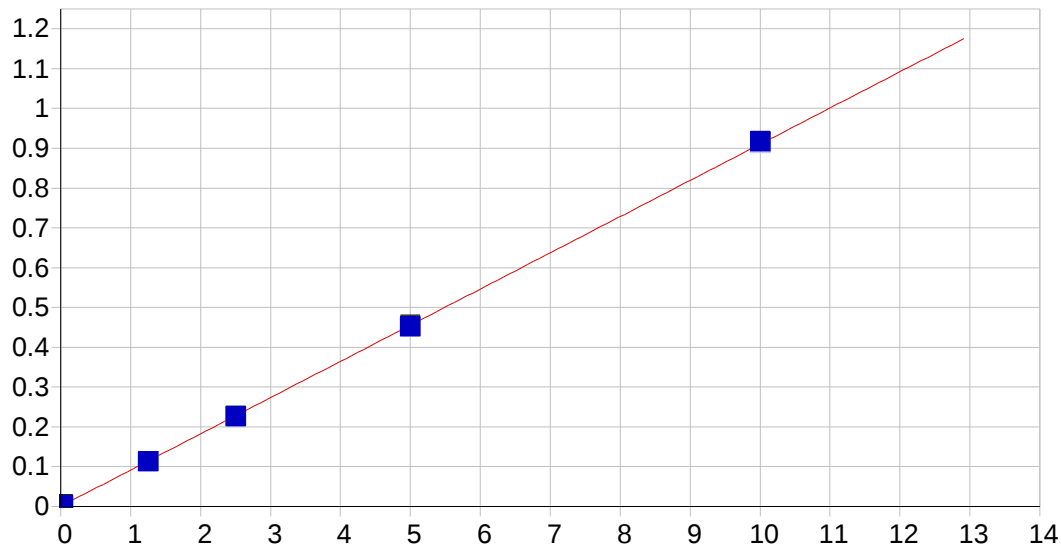


Pb 220.353 {453}

Date of Fit: 4/7/2017 15:11:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000001 Re-Slope: 1.000000  
 A1 (Gain): 0.183682 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999674 Status: OK.  
 Std Error of Est: 0.000176  
 Predicted MDL: 0.001254  
 Predicted MQL: 0.004180

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00000 | .000    | 1        |
| S1        | .01000       | .00940      | -.001      | -6.04   | .00172 | .000    | 1        |
| S2        | 6.2500       | 6.5312      | .281       | 4.50    | 1.2000 | .005    | 1        |
| S3        | 12.500       | 12.963      | .463       | 3.70    | 2.3817 | .002    | 1        |
| S4        | 25.000       | 25.384      | .384       | 1.54    | 4.6640 | .009    | 1        |
| S5        | 50.000       | 48.872      | -1.13      | -2.26   | 8.9797 | .006    | 1        |

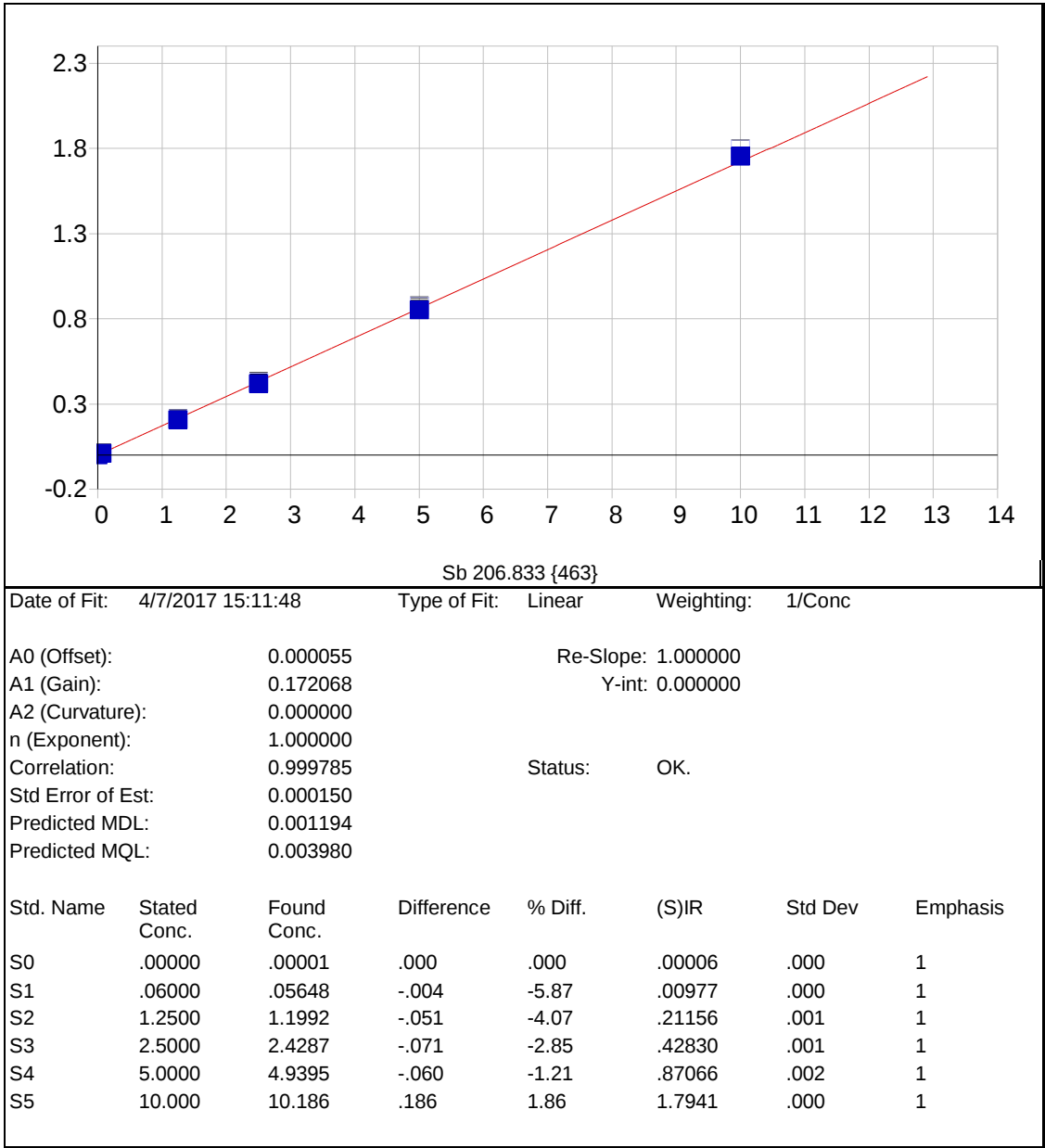


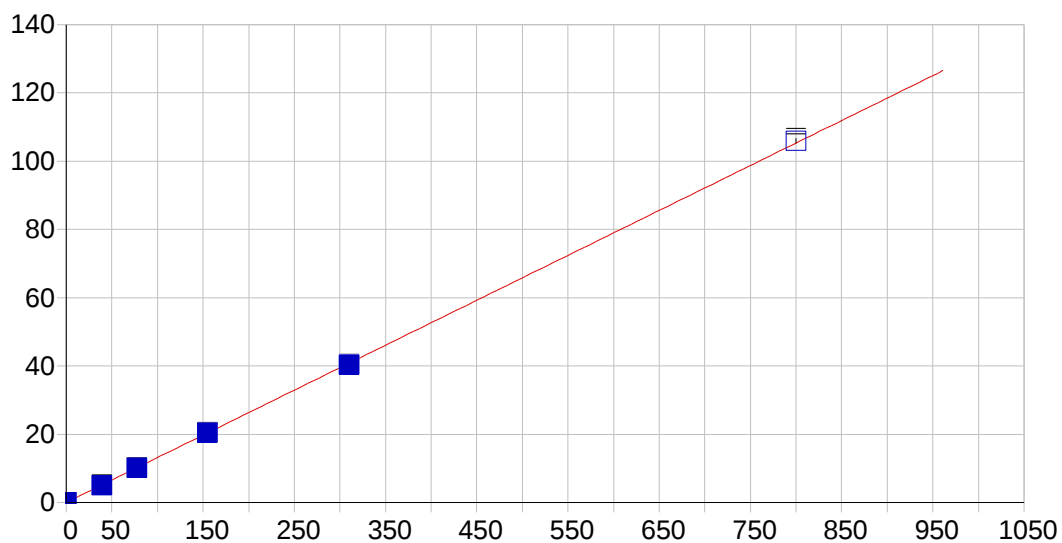
Se 196.090 {472}

Date of Fit: 4/7/2017 15:11:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000626 Re-Slope: 1.000000  
 A1 (Gain): 0.090962 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999959 Status: OK.  
 Std Error of Est: 0.000026  
 Predicted MDL: 0.002127  
 Predicted MQL: 0.007089

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | .00063 | .000    | 1        |
| S1        | .03500       | .03029      | -.005      | -13.4   | .00338 | .000    | 1        |
| S2        | 1.2500       | 1.2362      | -.014      | -1.11   | .11265 | .000    | 1        |
| S3        | 2.5000       | 2.4847      | -.015      | -.610   | .22580 | .000    | 1        |
| S4        | 5.0000       | 4.9682      | -.032      | -.636   | .45086 | .003    | 1        |
| S5        | 10.000       | 10.066      | .066       | .656    | .91285 | .001    | 1        |





AI 396.152 { 85}

Date of Fit: 4/7/2017 15:11:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000496

Re-Slope: 1.000000

A1 (Gain): 0.131662

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999974

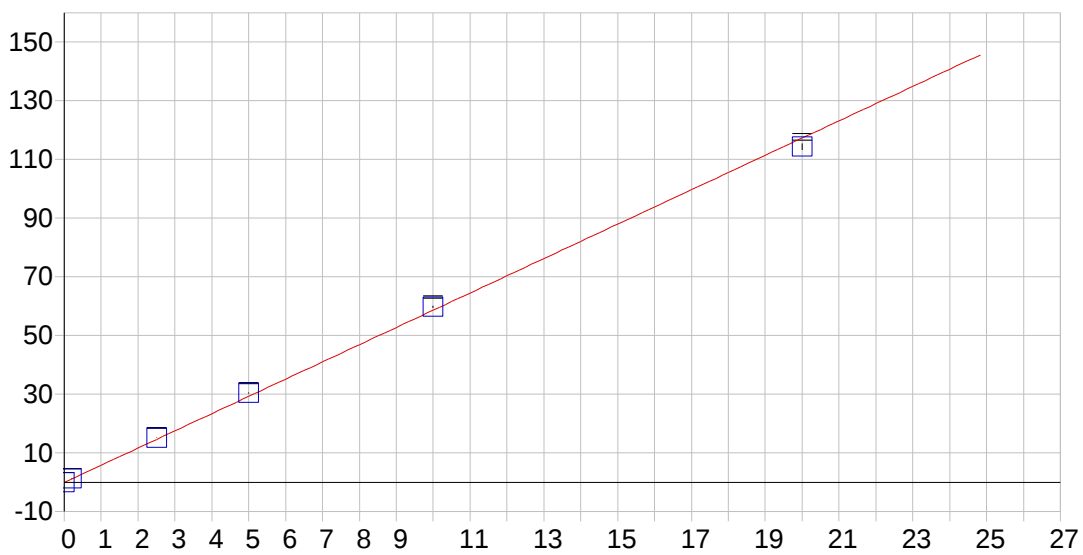
Status: OK.

Std Error of Est: 0.000586

Predicted MDL: 0.006803

Predicted MQL: 0.022678

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00050 | .000    | 1        |
| S1        | .20000       | .20810      | .008       | 4.05    | .02794 | .001    | 1        |
| S2        | 38.750       | 38.305      | -.445      | -1.15   | 5.0499 | .026    | 1        |
| S3        | 77.500       | 76.925      | -.575      | -.742   | 10.141 | .078    | 1        |
| S4        | 155.00       | 154.72      | -.283      | -.183   | 20.395 | .116    | 1        |
| S5        | 310.00       | 306.73      | -3.27      | -1.05   | 40.434 | .150    | 1        |
| S6        | 800.00       | 804.57      | 4.57       | .571    | 105.93 | .808    | 1        |



Ba 493.409 { 68}

Date of Fit: 4/7/2017 15:11:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.099517

Re-Slope: 1.000000

A1 (Gain): 5.870558

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999627

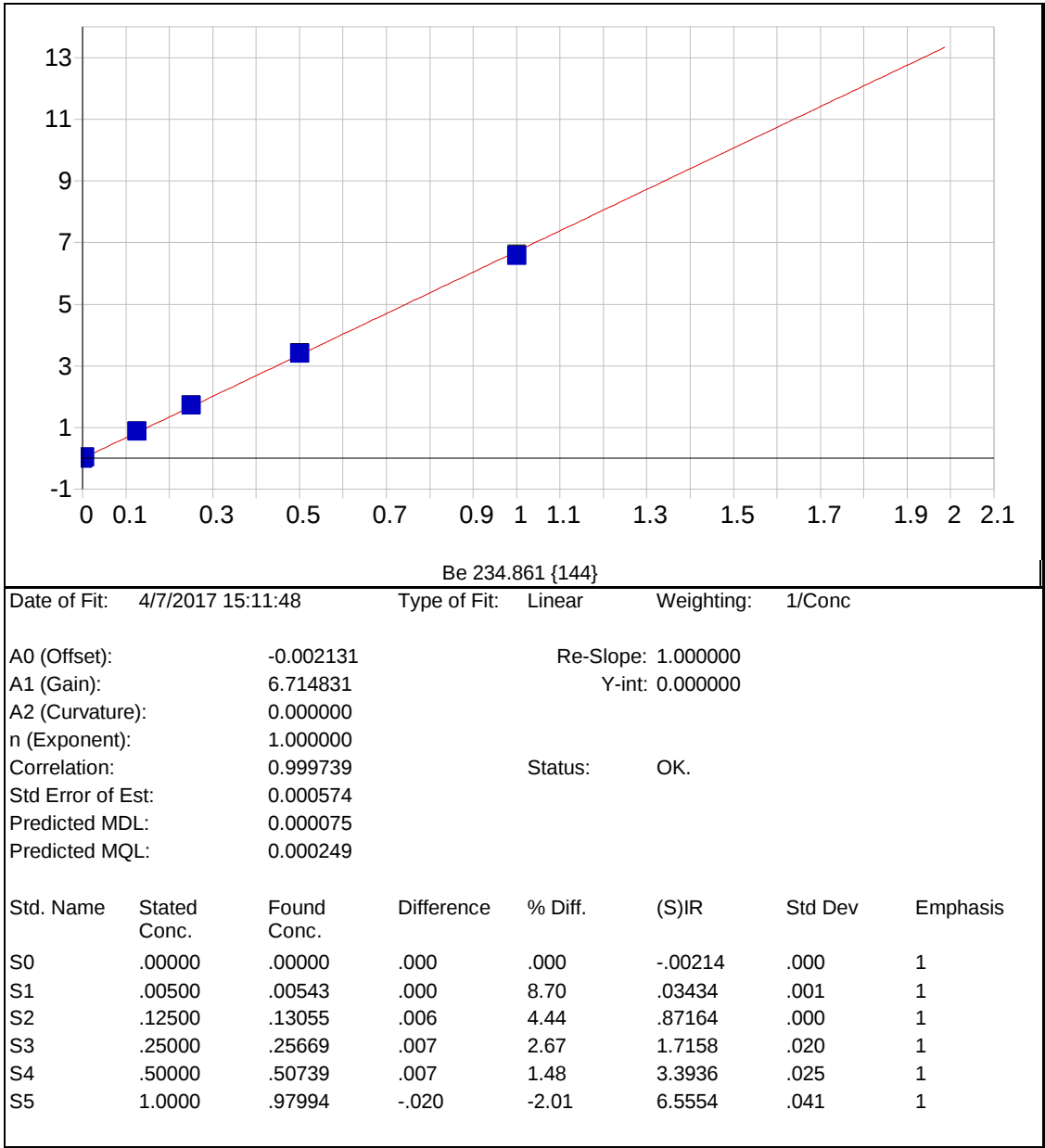
Status: OK.

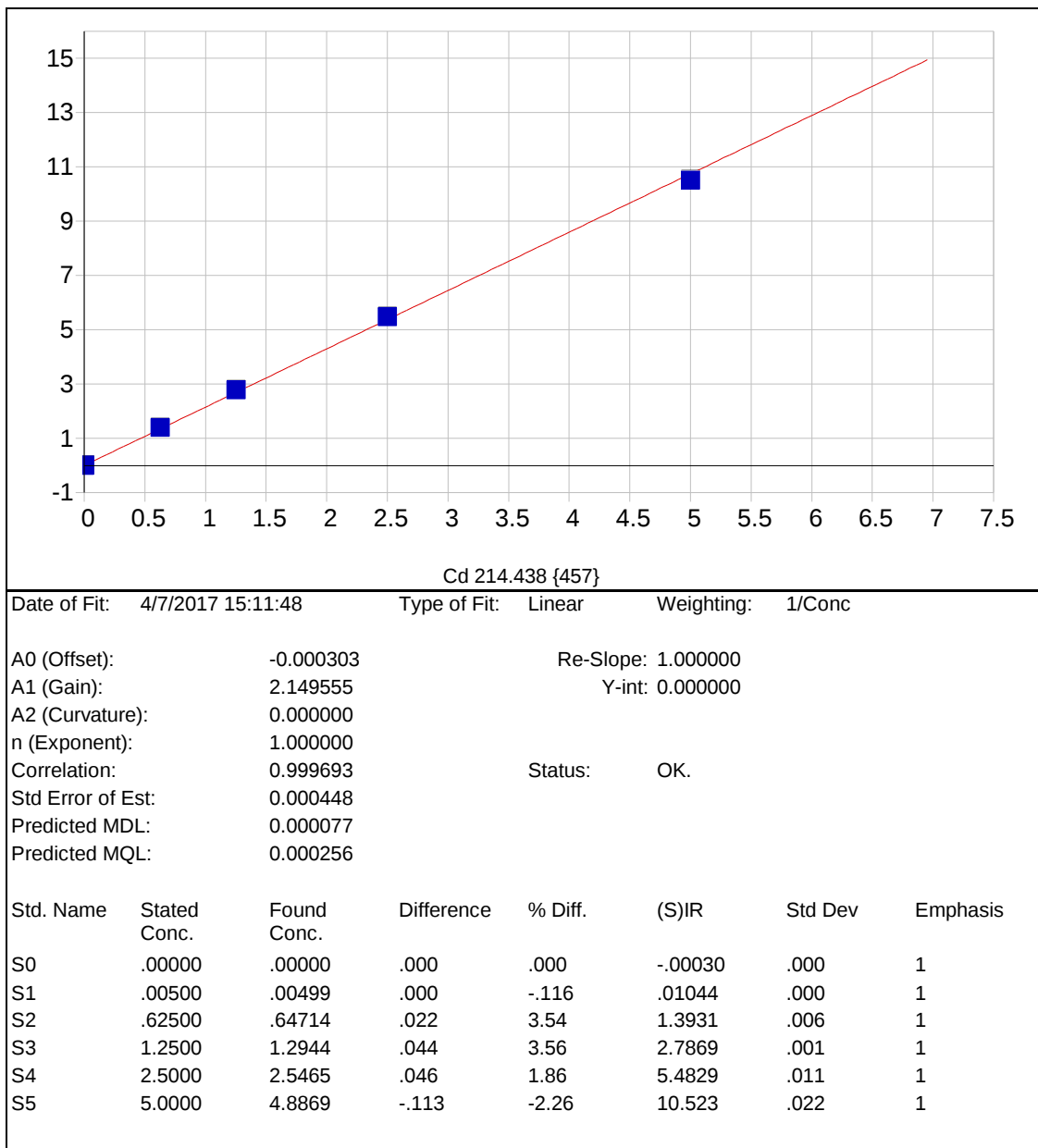
Std Error of Est: 0.017055

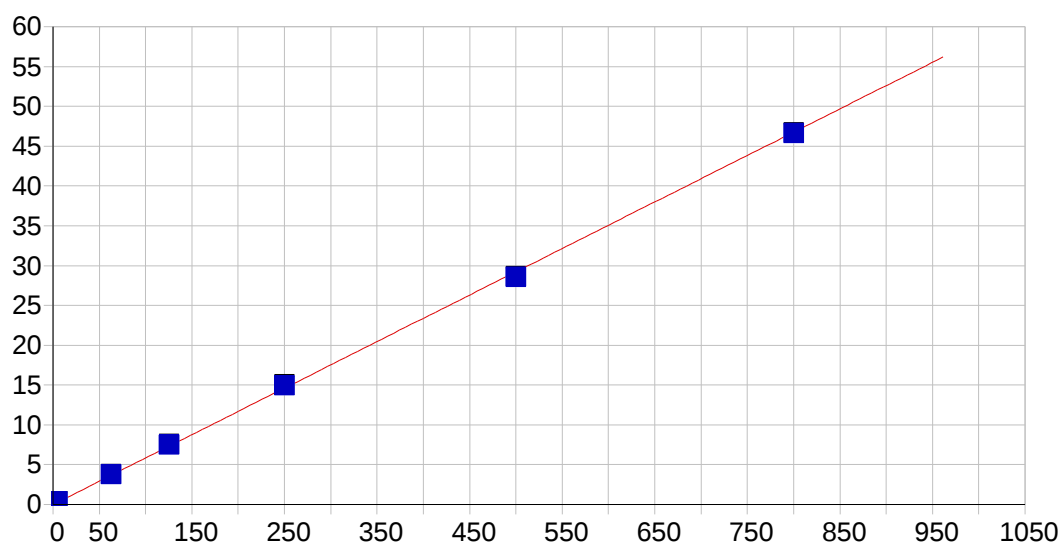
Predicted MDL: 0.000570

Predicted MQL: 0.001900

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00003     | .000       | .000    | -.09967 | .002    | 1        |
| S1        | .20000       | .21179      | .012       | 5.89    | 1.1438  | .007    | 1        |
| S2        | 2.5000       | 2.5964      | .096       | 3.86    | 15.143  | .101    | 1        |
| S3        | 5.0000       | 5.2033      | .203       | 4.07    | 30.446  | .197    | 1        |
| S4        | 10.000       | 10.182      | .182       | 1.82    | 59.675  | .374    | 1        |
| S5        | 20.000       | 19.507      | -.493      | -2.47   | 114.41  | 1.09    | 1        |







Ca 373.690 { 90}

Date of Fit: 4/7/2017 15:11:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.002034

Re-Slope: 1.000000

A1 (Gain): 0.058441

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999815

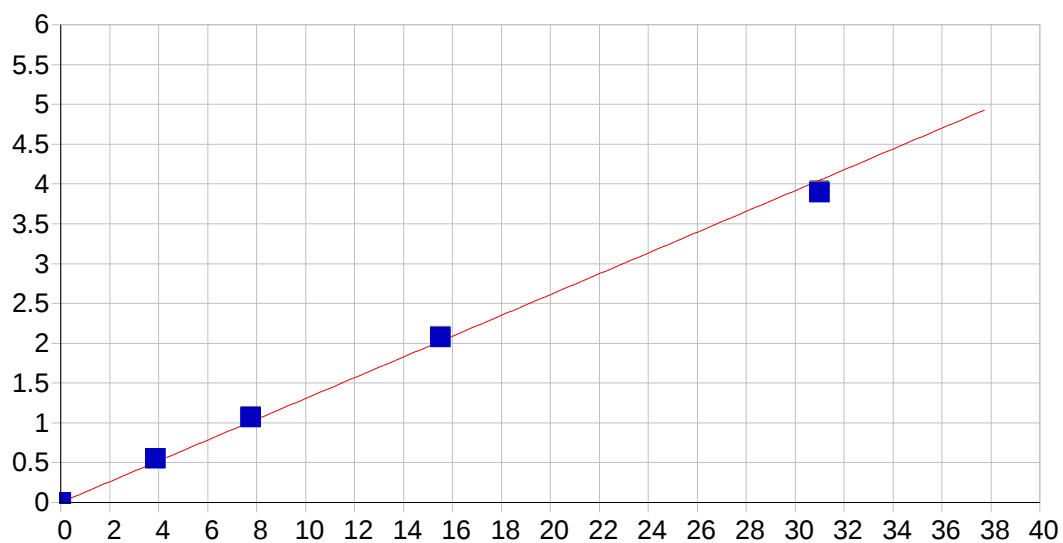
Status: OK.

Std Error of Est: 0.003920

Predicted MDL: 0.012092

Predicted MQL: 0.040307

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00077     | -.001      | .000    | .00199 | .000    | 1        |
| S1        | 5.0000       | 5.4104      | .410       | 8.21    | .31821 | .002    | 1        |
| S2        | 62.500       | 65.031      | 2.53       | 4.05    | 3.7980 | .009    | 1        |
| S3        | 125.00       | 128.79      | 3.79       | 3.03    | 7.5199 | .042    | 1        |
| S4        | 250.00       | 256.12      | 6.12       | 2.45    | 14.952 | .083    | 1        |
| S5        | 500.00       | 489.10      | -10.9      | -2.18   | 28.550 | .078    | 1        |
| S6        | 800.00       | 798.05      | -1.95      | -.244   | 46.546 | .077    | 1        |



Cr 267.716 {126}

Date of Fit: 4/7/2017 15:11:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000041

Re-Slope: 1.000000

A1 (Gain): 0.130541

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999039

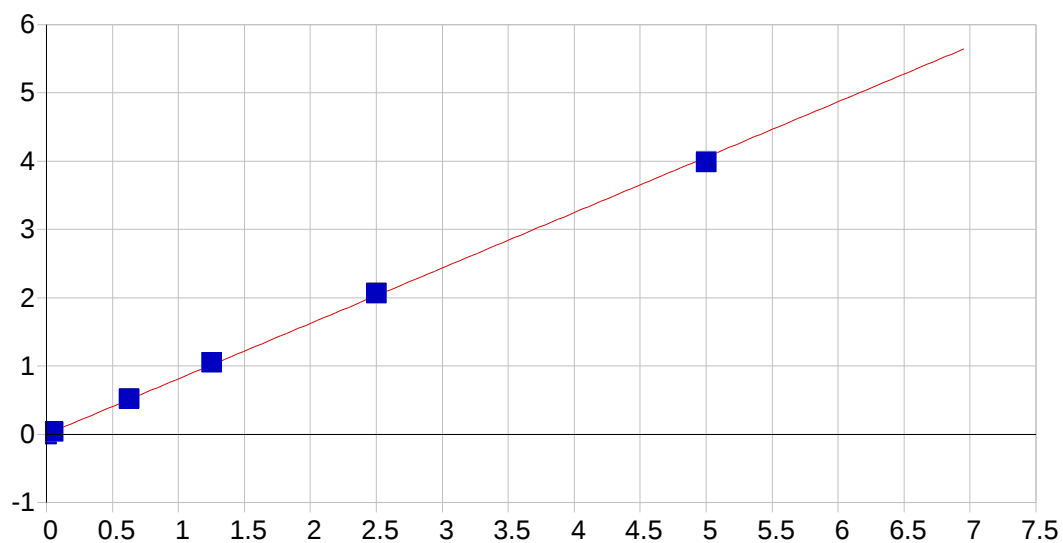
Status: OK.

Std Error of Est: 0.000169

Predicted MDL: 0.000488

Predicted MQL: 0.001628

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00004 | .000    | 1        |
| S1        | .01000       | .01141      | .001       | 14.1    | .00155 | .000    | 1        |
| S2        | 3.8750       | 4.2154      | .340       | 8.78    | .55163 | .003    | 1        |
| S3        | 7.7500       | 8.2039      | .454       | 5.86    | 1.0736 | .002    | 1        |
| S4        | 15.500       | 15.895      | .395       | 2.55    | 2.0802 | .005    | 1        |
| S5        | 31.000       | 29.810      | -1.19      | -3.84   | 3.9019 | .010    | 1        |



Co 228.616 {448}

Date of Fit: 4/7/2017 15:11:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000310

Re-Slope: 1.000000

A1 (Gain): 0.811921

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999795

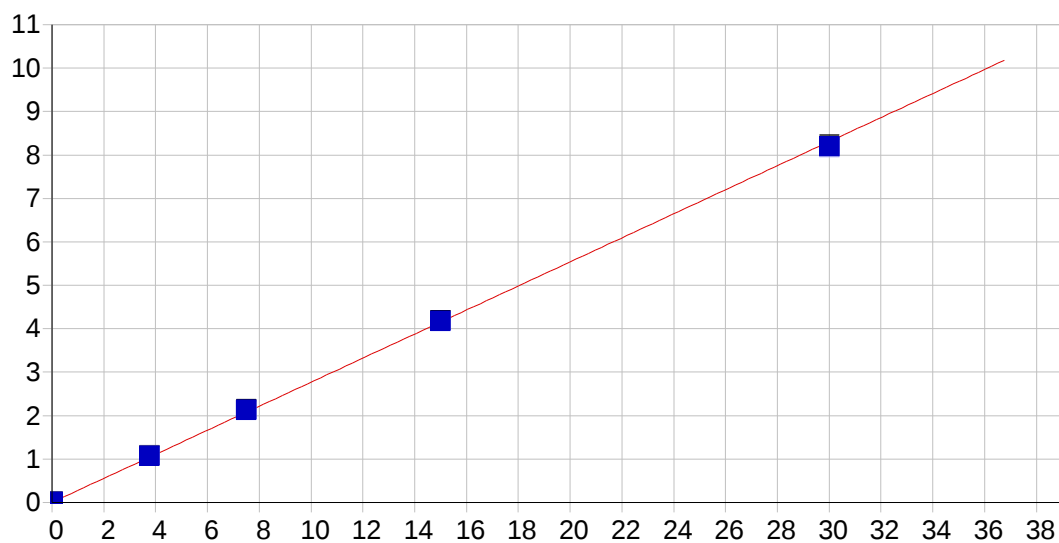
Status: OK.

Std Error of Est: 0.000438

Predicted MDL: 0.000203

Predicted MQL: 0.000677

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00031 | .000    | 1        |
| S1        | .05000       | .04904      | -.001      | -1.92   | .03966  | .000    | 1        |
| S2        | .62500       | .64127      | .016       | 2.60    | .52141  | .001    | 1        |
| S3        | 1.2500       | 1.2880      | .038       | 3.04    | 1.0475  | .002    | 1        |
| S4        | 2.5000       | 2.5386      | .039       | 1.54    | 2.0651  | .004    | 1        |
| S5        | 5.0000       | 4.9081      | -.092      | -1.84   | 3.9932  | .003    | 1        |



Cu 324.754 {104}

Date of Fit: 4/7/2017 15:11:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001487

Re-Slope: 1.000000

A1 (Gain): 0.276887

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999861

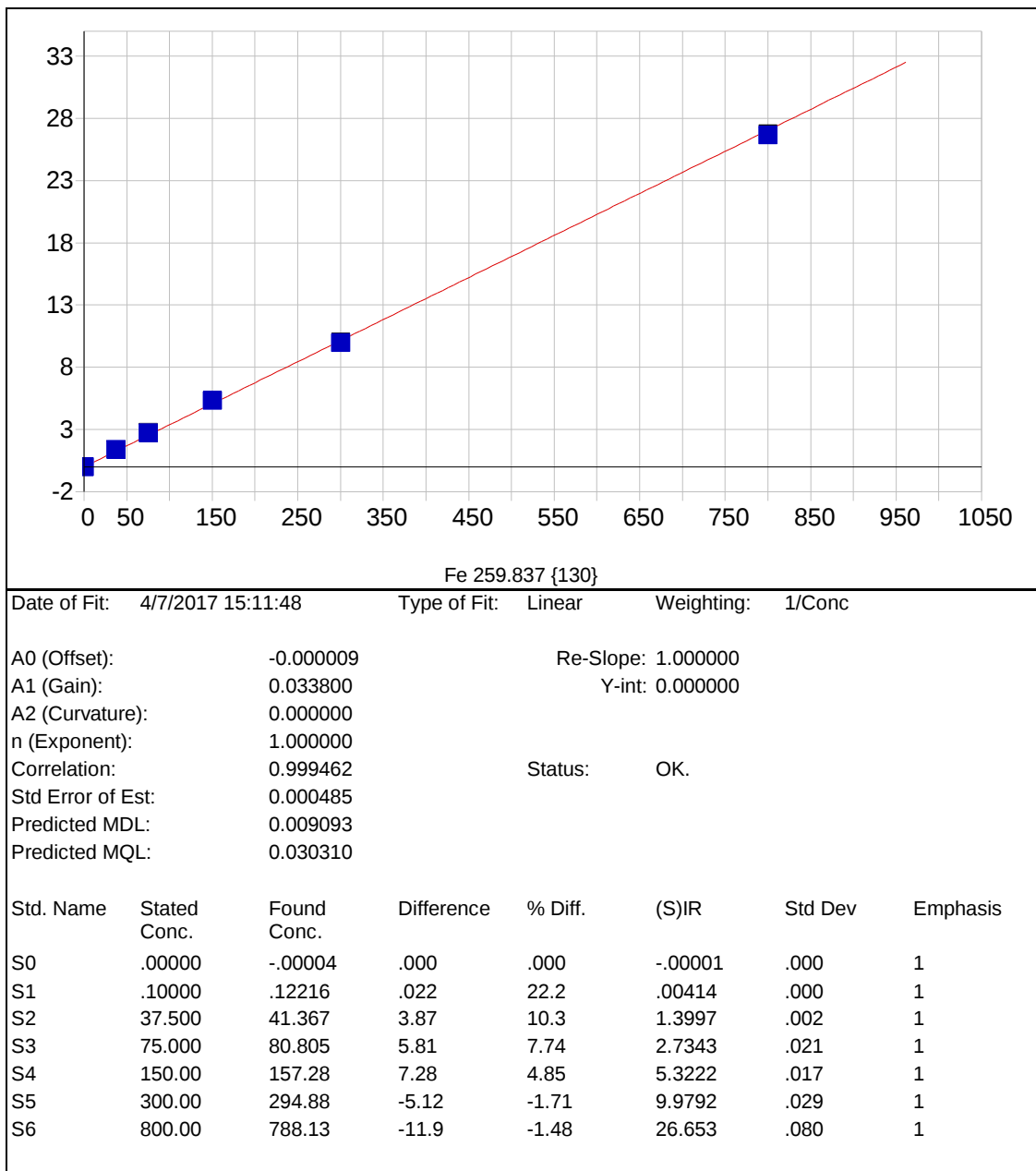
Status: OK.

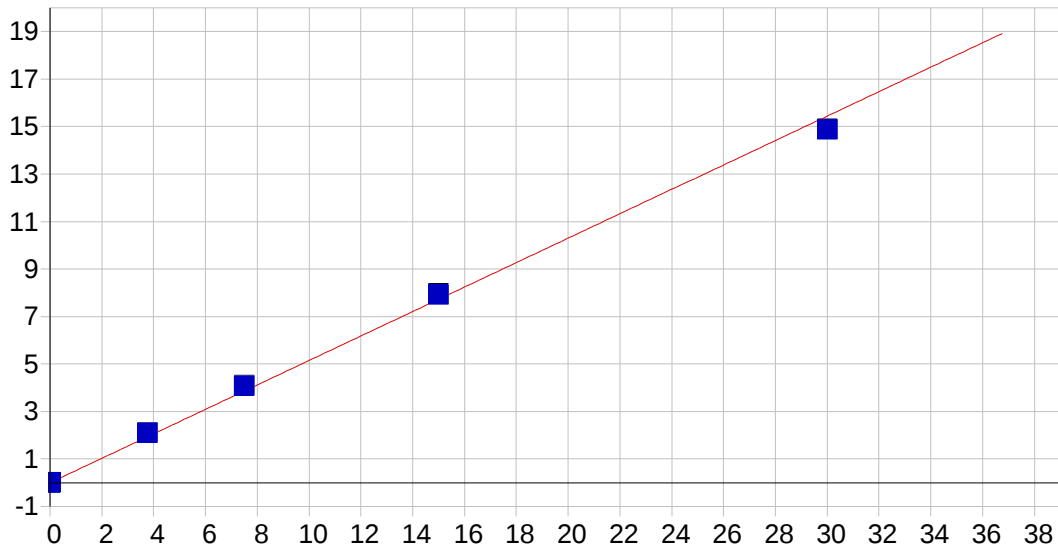
Std Error of Est: 0.000211

Predicted MDL: 0.001761

Predicted MQL: 0.005870

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00149 | .000    | 1        |
| S1        | .02500       | .02745      | .002       | 9.80    | .00904 | .000    | 1        |
| S2        | 3.7500       | 3.8799      | .130       | 3.47    | 1.0728 | .006    | 1        |
| S3        | 7.5000       | 7.6895      | .189       | 2.53    | 2.1247 | .012    | 1        |
| S4        | 15.000       | 15.084      | .084       | .563    | 4.1663 | .021    | 1        |
| S5        | 30.000       | 29.594      | -.406      | -1.35   | 8.1719 | .041    | 1        |





Mn 257.610 {131}

Date of Fit: 4/7/2017 15:11:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000103

Re-Slope: 1.000000

A1 (Gain): 0.514849

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999093

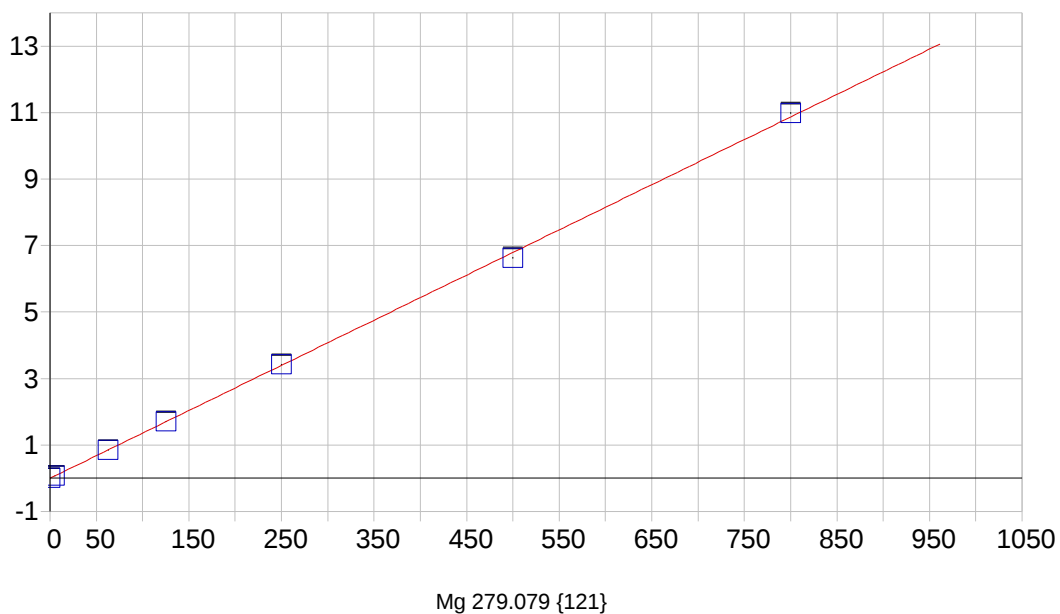
Status: OK.

Std Error of Est: 0.000780

Predicted MDL: 0.000588

Predicted MQL: 0.001959

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00010 | .000    | 1        |
| S1        | .01500       | .01713      | .002       | 14.2    | .00893 | .000    | 1        |
| S2        | 3.7500       | 4.0662      | .316       | 8.43    | 2.0940 | .003    | 1        |
| S3        | 7.5000       | 7.9138      | .414       | 5.52    | 4.0754 | .034    | 1        |
| S4        | 15.000       | 15.392      | .392       | 2.62    | 7.9265 | .045    | 1        |
| S5        | 30.000       | 28.876      | -1.12      | -3.75   | 14.870 | .033    | 1        |



Date of Fit: 4/7/2017 15:11:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000311

Re-Slope: 1.000000

A1 (Gain): 0.013584

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999884

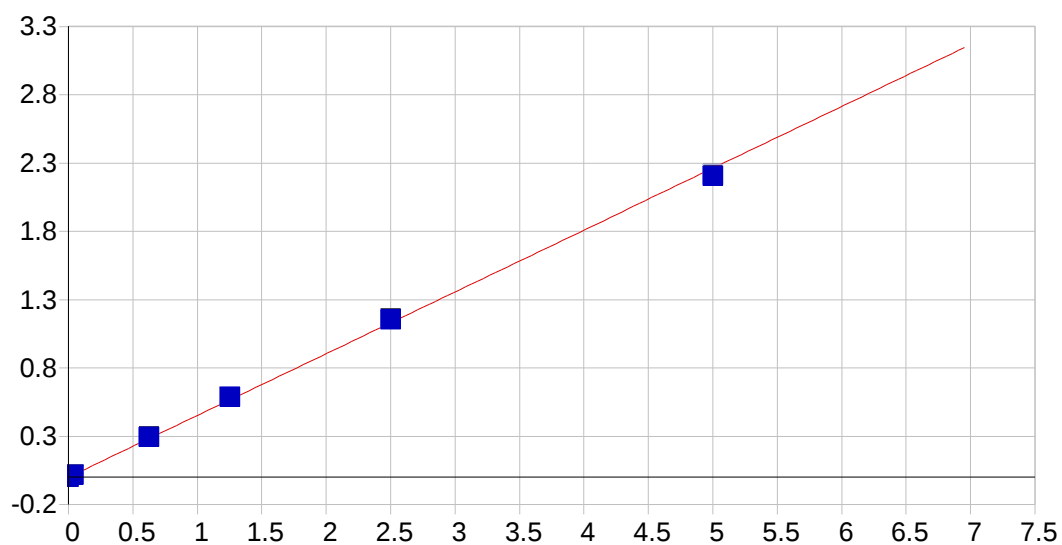
Status: OK.

Std Error of Est: 0.000721

Predicted MDL: 0.026311

Predicted MQL: 0.087702

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00007     | .000       | .000    | -.00031 | .001    | 1        |
| S1        | 5.0000       | 5.0696      | .070       | 1.39    | .06856  | .000    | 1        |
| S2        | 62.500       | 62.514      | .014       | .022    | .84890  | .004    | 1        |
| S3        | 125.00       | 125.40      | .403       | .323    | 1.7032  | .013    | 1        |
| S4        | 250.00       | 252.44      | 2.44       | .975    | 3.4289  | .018    | 1        |
| S5        | 500.00       | 488.20      | -11.8      | -2.36   | 6.6316  | .022    | 1        |
| S6        | 800.00       | 808.88      | 8.88       | 1.11    | 10.988  | .030    | 1        |



Ni 231.604 {446}

Date of Fit: 4/7/2017 15:11:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000297

Re-Slope: 1.000000

A1 (Gain): 0.452466

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999630

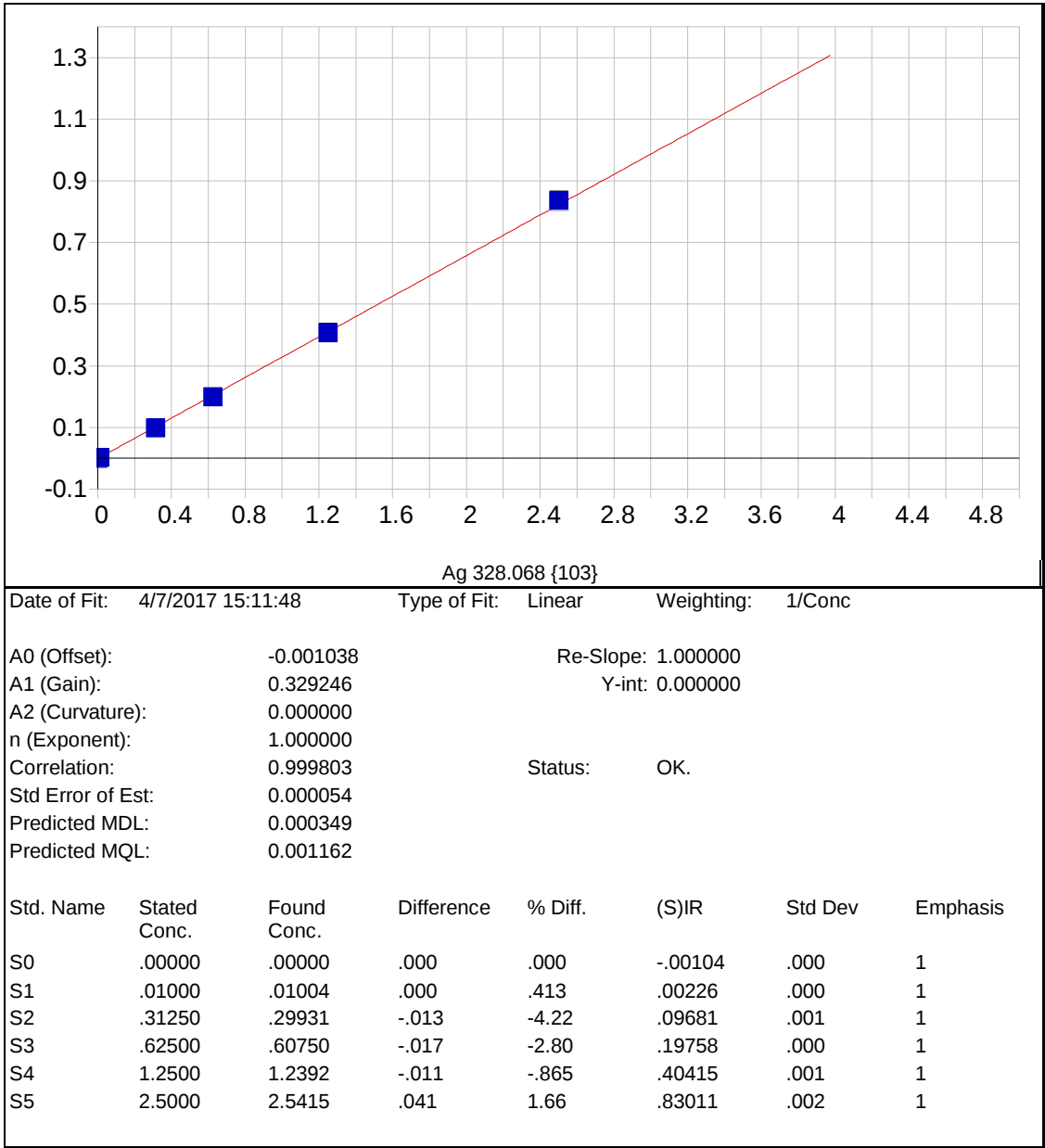
Status: OK.

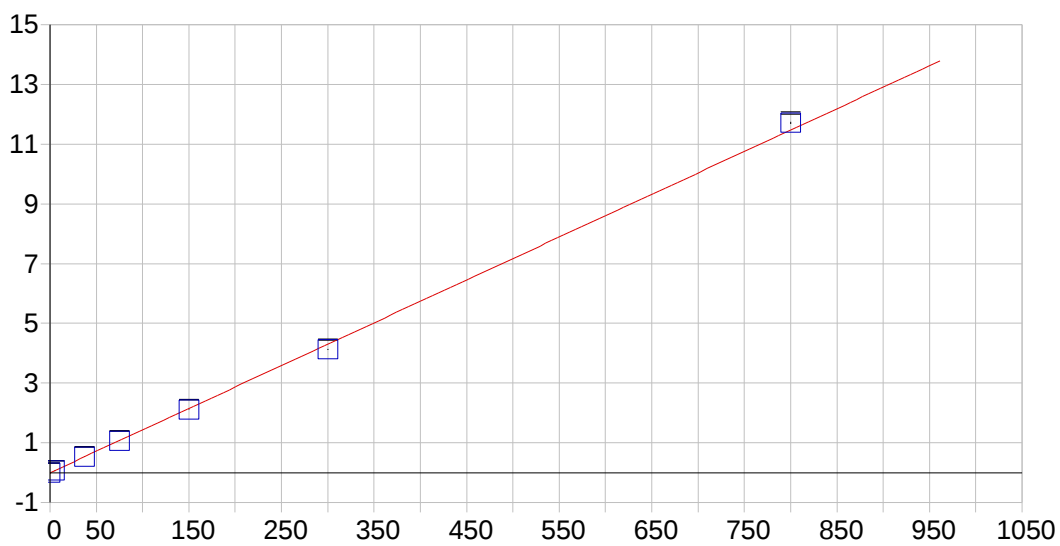
Std Error of Est: 0.000294

Predicted MDL: 0.000367

Predicted MQL: 0.001224

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00030 | .000    | 1        |
| S1        | .04000       | .04103      | .001       | 2.59    | .01829  | .000    | 1        |
| S2        | .62500       | .65156      | .027       | 4.25    | .29600  | .001    | 1        |
| S3        | 1.2500       | 1.2996      | .050       | 3.97    | .59070  | .001    | 1        |
| S4        | 2.5000       | 2.5465      | .046       | 1.86    | 1.1579  | .004    | 1        |
| S5        | 5.0000       | 4.8763      | -.124      | -2.47   | 2.2180  | .001    | 1        |





Na 818.326 { 41}

Date of Fit: 4/7/2017 15:11:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.001752

Re-Slope: 1.000000

A1 (Gain): 0.014341

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999661

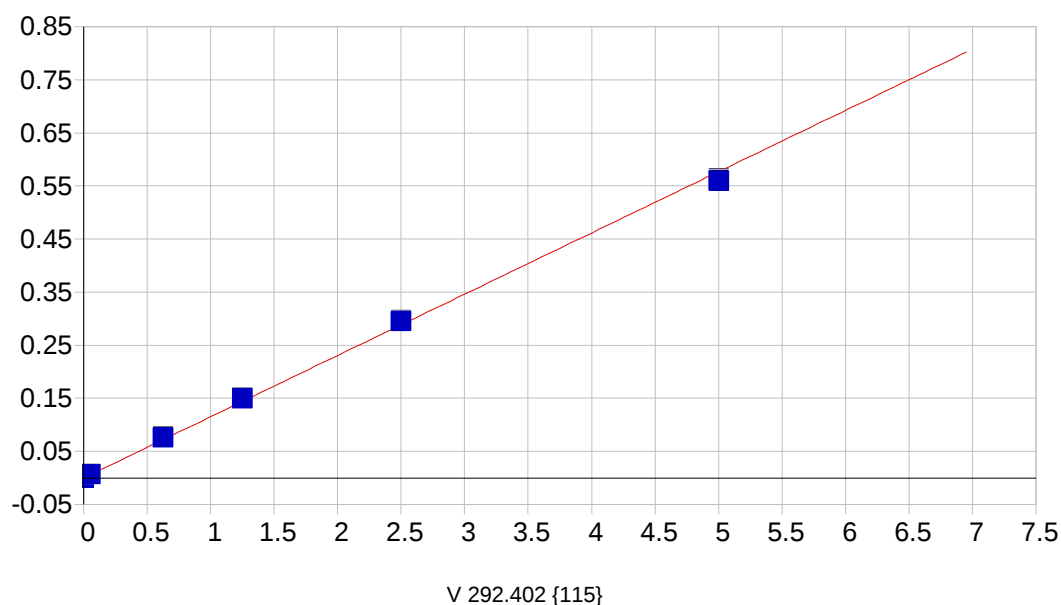
Status: OK.

Std Error of Est: 0.001154

Predicted MDL: 0.146816

Predicted MQL: 0.489387

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00023      | .000       | .000    | -.00175 | .001    | 1        |
| S1        | 5.0000       | 5.0584      | .058       | 1.17    | .07079  | .002    | 1        |
| S2        | 37.500       | 37.272      | -.228      | -.609   | .53276  | .005    | 1        |
| S3        | 75.000       | 74.162      | -.838      | -1.12   | 1.0618  | .009    | 1        |
| S4        | 150.00       | 147.00      | -3.00      | -2.00   | 2.1064  | .011    | 1        |
| S5        | 300.00       | 287.55      | -12.4      | -4.15   | 4.1221  | .016    | 1        |
| S6        | 800.00       | 816.45      | 16.5       | 2.06    | 11.707  | .040    | 1        |



Date of Fit: 4/7/2017 15:11:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000175

Re-Slope: 1.000000

A1 (Gain): 0.115415

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999417

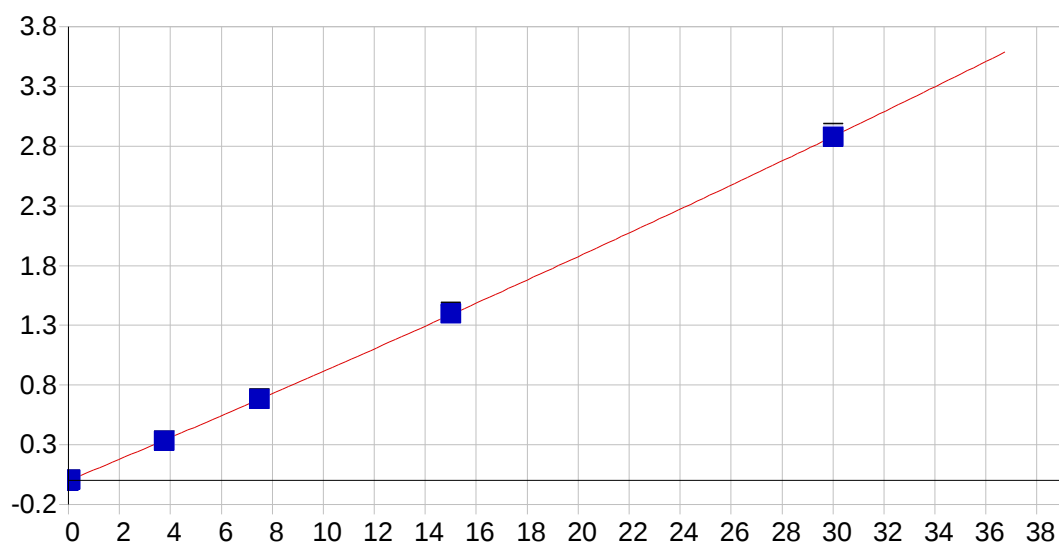
Status: OK.

Std Error of Est: 0.000105

Predicted MDL: 0.003118

Predicted MQL: 0.010392

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00001     | .000       | .000    | -.00018 | .000    | 1        |
| S1        | .05000       | .05949      | .009       | 19.0    | .00671  | .000    | 1        |
| S2        | .62500       | .66012      | .035       | 5.62    | .07631  | .001    | 1        |
| S3        | 1.2500       | 1.2977      | .048       | 3.82    | .15020  | .001    | 1        |
| S4        | 2.5000       | 2.5545      | .055       | 2.18    | .29585  | .001    | 1        |
| S5        | 5.0000       | 4.8532      | -.147      | -2.94   | .56234  | .001    | 1        |



Zn 213.856 {158}

Date of Fit: 4/7/2017 15:11:48

Type of Fit: Curvilinear

Weighting: 1/Conc

A0 (Offset): -0.000944

Re-Slope: 1.000000

A1 (Gain): 0.089238

Y-int: 0.000000

A2 (Curvature): 0.000228

n (Exponent): 1.000000

Correlation: 0.999976

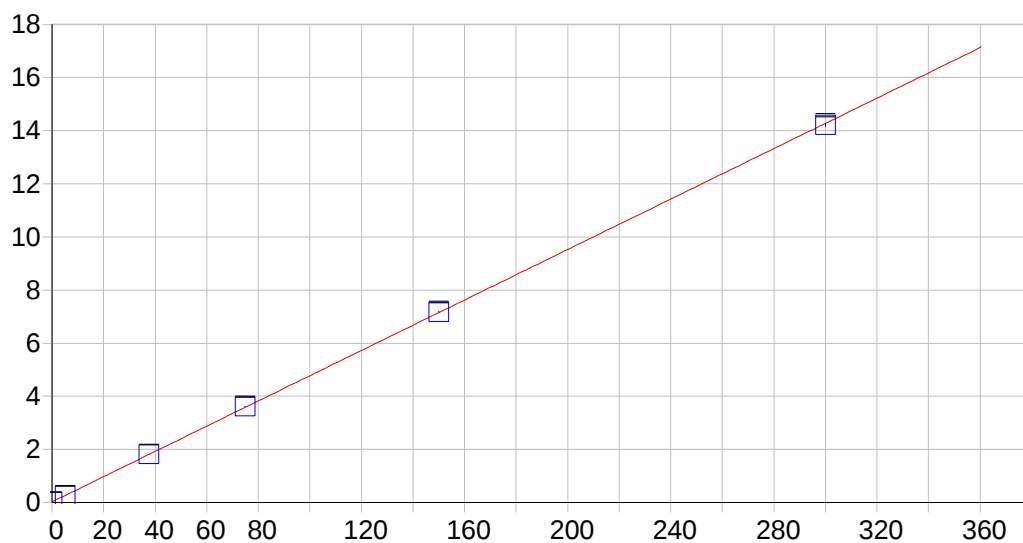
Status: Warning Positive Curvature

Std Error of Est: 0.000054

Predicted MDL: 0.007241

Predicted MQL: 0.024137

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00001     | .000       | .000    | -.00094 | .000    | 1        |
| S1        | .06000       | .06945      | .009       | 15.7    | .00528  | .000    | 1        |
| S2        | 3.7500       | 3.6894      | -.061      | -1.61   | .33220  | .002    | 1        |
| S3        | 7.5000       | 7.5040      | .004       | .054    | .68314  | .005    | 1        |
| S4        | 15.000       | 15.077      | .077       | .513    | 1.3995  | .013    | 1        |
| S5        | 30.000       | 29.970      | -.030      | -.100   | 2.8846  | .025    | 1        |



K 769.896 { 44}

Date of Fit: 4/7/2017 15:11:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.022163

Re-Slope: 1.000000

A1 (Gain): 0.047520

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999990

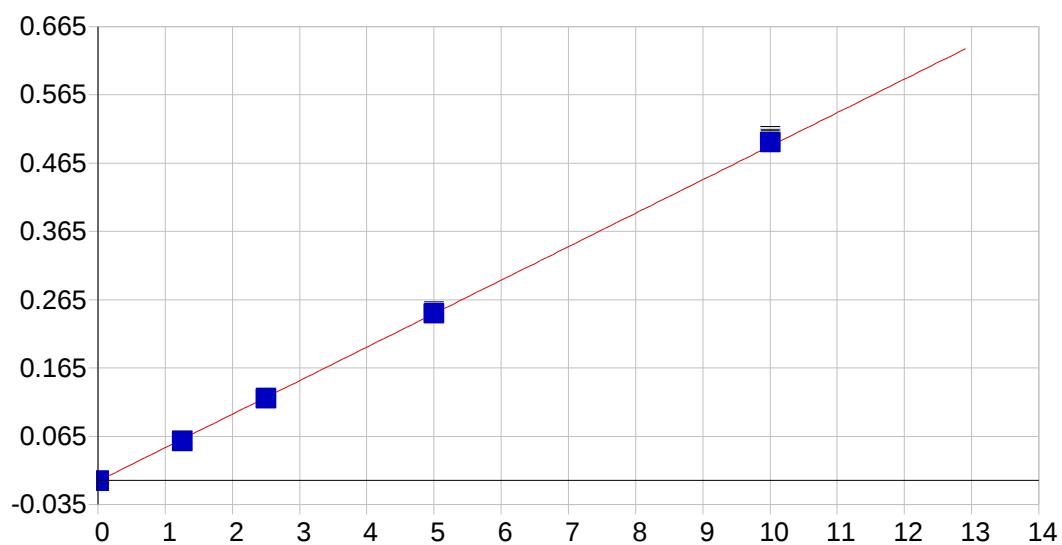
Status: OK.

Std Error of Est: 0.000445

Predicted MDL: 0.036727

Predicted MQL: 0.122423

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00002     | .000       | .000    | .02216 | .001    | 1        |
| S1        | 5.0000       | 4.9624      | -.038      | -.752   | .25798 | .002    | 1        |
| S2        | 37.500       | 37.655      | .155       | .414    | 1.8115 | .006    | 1        |
| S3        | 75.000       | 75.542      | .542       | .723    | 3.6119 | .026    | 1        |
| S4        | 150.00       | 150.55      | .546       | .364    | 7.1761 | .039    | 1        |
| S5        | 300.00       | 298.79      | -1.21      | -.402   | 14.221 | .062    | 1        |



P 177.495 {490}

Date of Fit: 4/7/2017 15:11:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000812

Re-Slope: 1.000000

A1 (Gain): 0.049072

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999835

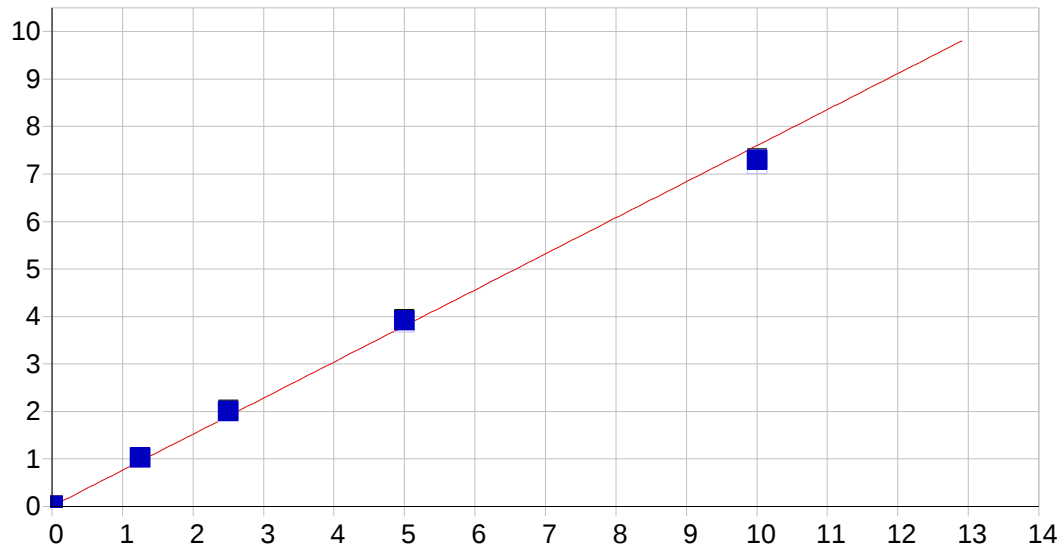
Status: OK.

Std Error of Est: 0.000015

Predicted MDL: 0.001894

Predicted MQL: 0.006315

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00081 | .000    | 1        |
| S1        | .01000       | .01338      | .003       | 33.8    | -.00015 | .000    | 1        |
| S2        | 1.2500       | 1.1861      | -.064      | -5.11   | .05819  | .000    | 1        |
| S3        | 2.5000       | 2.4566      | -.043      | -1.74   | .12132  | .000    | 1        |
| S4        | 5.0000       | 4.9946      | -.005      | -.109   | .24745  | .000    | 1        |
| S5        | 10.000       | 10.109      | .109       | 1.09    | .50162  | .002    | 1        |



B 249.678 {135}

Date of Fit: 4/7/2017 15:11:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.004013

Re-Slope: 1.000000

A1 (Gain): 0.759379

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999028

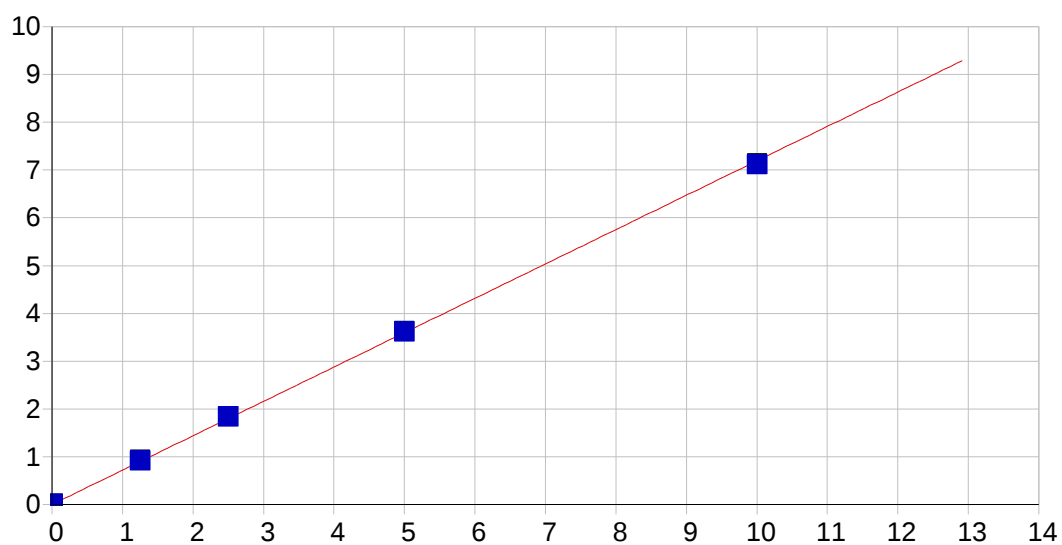
Status: OK.

Std Error of Est: 0.000555

Predicted MDL: 0.001127

Predicted MQL: 0.003756

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00401 | .000    | 1        |
| S1        | .01000       | .00976      | .000       | -2.41   | .01144 | .001    | 1        |
| S2        | 1.2500       | 1.3457      | .096       | 7.66    | 1.0140 | .002    | 1        |
| S3        | 2.5000       | 2.6451      | .145       | 5.80    | 1.9889 | .023    | 1        |
| S4        | 5.0000       | 5.1508      | .151       | 3.02    | 3.8679 | .022    | 1        |
| S5        | 10.000       | 9.6086      | -.391      | -3.91   | 7.2055 | .018    | 1        |



Mo 202.030 {467}

Date of Fit: 4/7/2017 15:11:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000194

Re-Slope: 1.000000

A1 (Gain): 0.719203

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999918

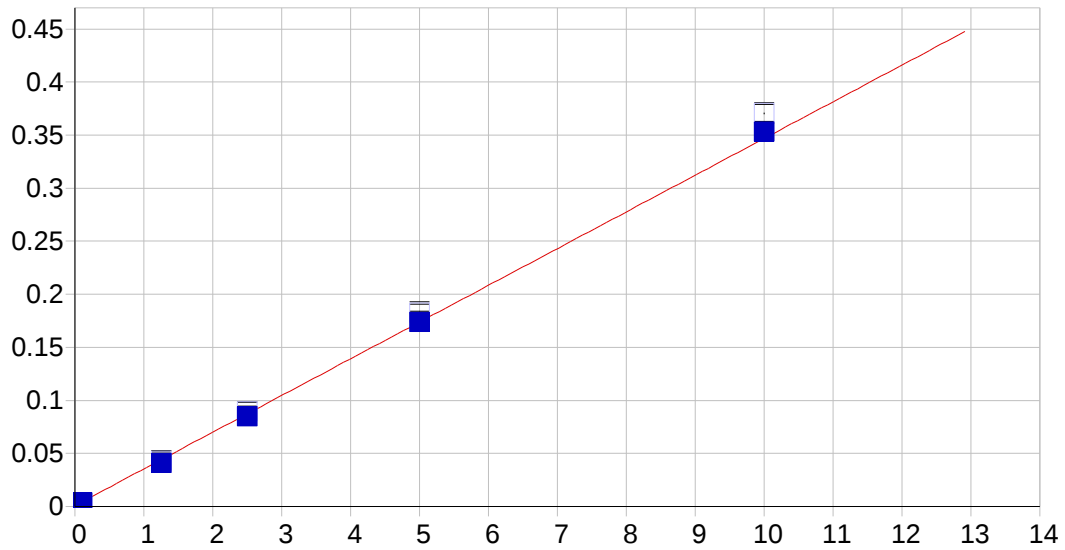
Status: OK.

Std Error of Est: 0.000154

Predicted MDL: 0.000261

Predicted MQL: 0.000871

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00019 | .000    | 1        |
| S1        | .01000       | .01068      | .001       | 6.84    | .00789 | .000    | 1        |
| S2        | 1.2500       | 1.2825      | .032       | 2.60    | .92339 | .003    | 1        |
| S3        | 2.5000       | 2.5504      | .050       | 2.02    | 1.8361 | .002    | 1        |
| S4        | 5.0000       | 5.0204      | .020       | .409    | 3.6142 | .011    | 1        |
| S5        | 10.000       | 9.8960      | -.104      | -1.04   | 7.1239 | .009    | 1        |



S 182.034 {485}

Date of Fit: 4/7/2017 15:11:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000843

Re-Slope: 1.000000

A1 (Gain): 0.034601

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999645

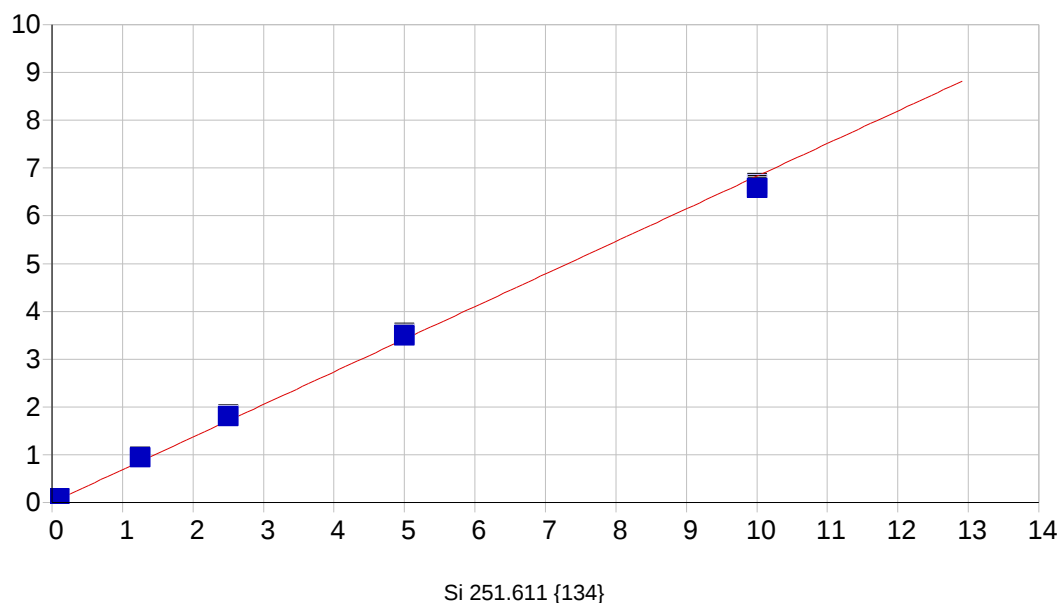
Status: OK.

Std Error of Est: 0.000051

Predicted MDL: 0.002840

Predicted MQL: 0.009465

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00003      | .000       | .000    | .00084 | .000    | 1        |
| S1        | .10000       | .08238      | -.018      | -17.6   | .00370 | .000    | 1        |
| S2        | 1.2500       | 1.1588      | -.091      | -7.30   | .04314 | .000    | 1        |
| S3        | 2.5000       | 2.4313      | -.069      | -2.75   | .08937 | .000    | 1        |
| S4        | 5.0000       | 4.9999      | .000       | -.002   | .18264 | .001    | 1        |
| S5        | 10.000       | 10.177      | .177       | 1.77    | .37057 | .001    | 1        |



Date of Fit: 4/7/2017 15:11:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.004862

Re-Slope: 1.000000

A1 (Gain): 0.682429

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999093

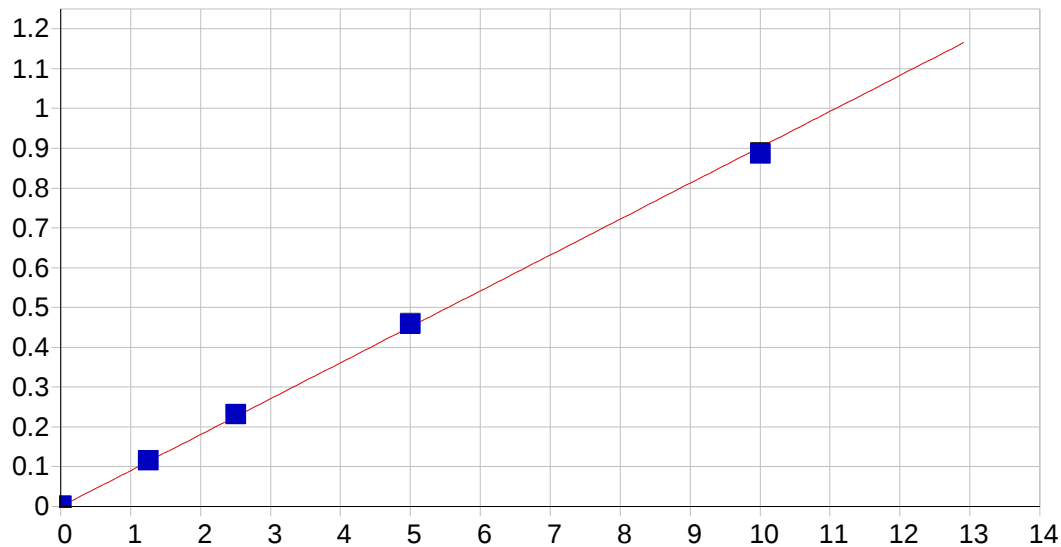
Status: OK.

Std Error of Est: 0.001564

Predicted MDL: 0.000917

Predicted MQL: 0.003056

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00002     | .000       | .000    | .00485 | .001    | 1        |
| S1        | .10000       | .10311      | .003       | 3.11    | .07547 | .001    | 1        |
| S2        | 1.2500       | 1.3708      | .121       | 9.66    | .95036 | .003    | 1        |
| S3        | 2.5000       | 2.6401      | .140       | 5.60    | 1.8266 | .013    | 1        |
| S4        | 5.0000       | 5.1017      | .102       | 2.03    | 3.5266 | .023    | 1        |
| S5        | 10.000       | 9.6344      | -.366      | -3.66   | 6.6600 | .026    | 1        |



Sn 189.989 {478}

Date of Fit: 4/7/2017 15:11:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000094

Re-Slope: 1.000000

A1 (Gain): 0.090239

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999823

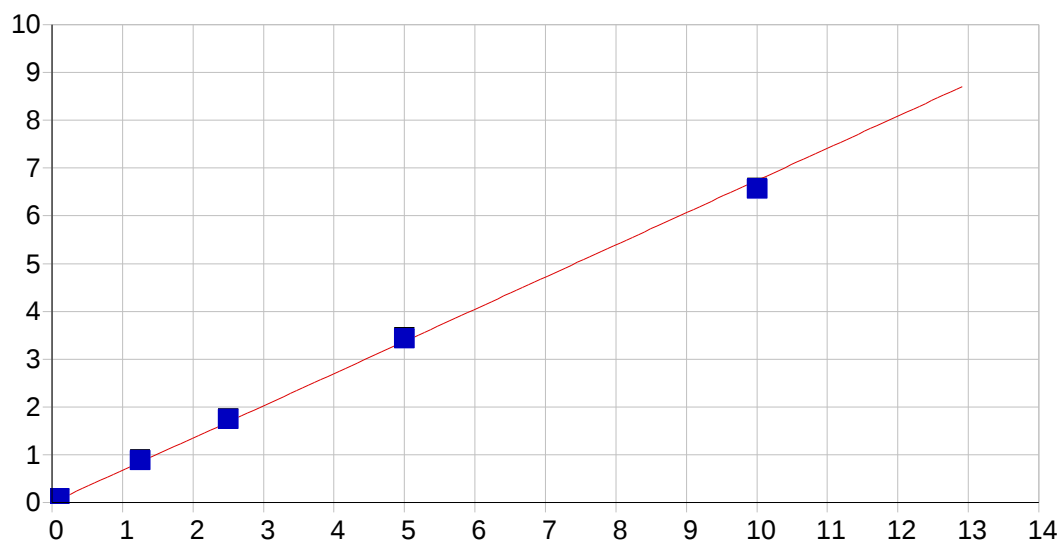
Status: OK.

Std Error of Est: 0.000024

Predicted MDL: 0.000960

Predicted MQL: 0.003200

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00009 | .000    | 1        |
| S1        | .00700       | .00695      | .000       | -.752   | .00071 | .000    | 1        |
| S2        | 1.2500       | 1.2748      | .025       | 1.98    | .11504 | .000    | 1        |
| S3        | 2.5000       | 2.5640      | .064       | 2.56    | .23129 | .000    | 1        |
| S4        | 5.0000       | 5.0854      | .085       | 1.71    | .45864 | .002    | 1        |
| S5        | 10.000       | 9.8259      | -.174      | -1.74   | .88606 | .002    | 1        |



Ti 336.121 {100}

Date of Fit: 4/7/2017 15:11:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.002041

Re-Slope: 1.000000

A1 (Gain): 0.673718

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999558

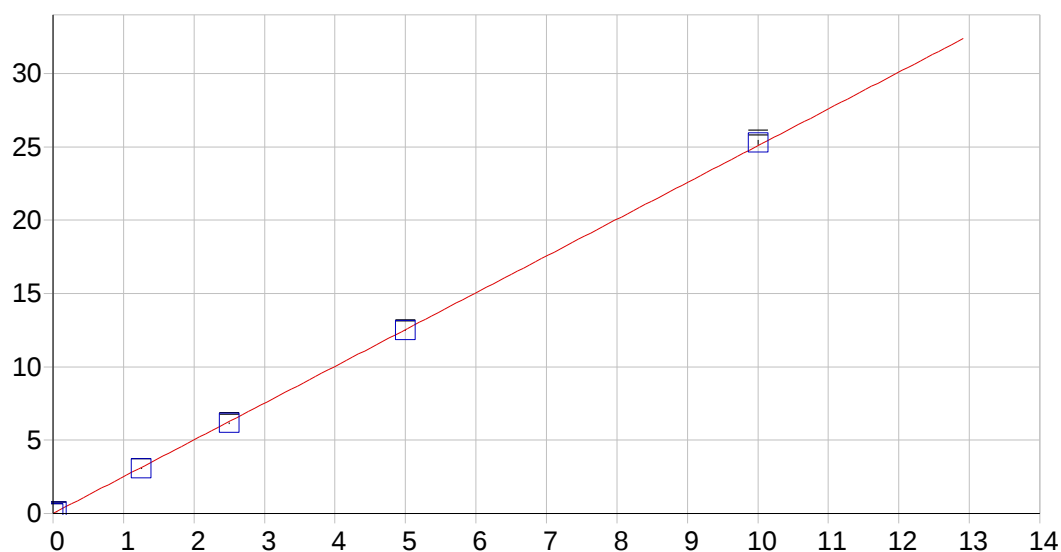
Status: OK.

Std Error of Est: 0.001065

Predicted MDL: 0.000915

Predicted MQL: 0.003049

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00002     | .000       | .000    | .00203 | .000    | 1        |
| S1        | .10000       | .10897      | .009       | 8.97    | .07544 | .001    | 1        |
| S2        | 1.2500       | 1.3166      | .067       | 5.33    | .88880 | .005    | 1        |
| S3        | 2.5000       | 2.5957      | .096       | 3.83    | 1.7503 | .011    | 1        |
| S4        | 5.0000       | 5.0921      | .092       | 1.84    | 3.4316 | .027    | 1        |
| S5        | 10.000       | 9.7365      | -.263      | -2.63   | 6.5594 | .022    | 1        |



Li 670.784 { 50}

Date of Fit: 4/7/2017 15:11:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.003615

Re-Slope: 1.000000

A1 (Gain): 2.508202

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999934

Status: OK.

Std Error of Est: 0.001081

Predicted MDL: 0.000881

Predicted MQL: 0.002936

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | .00363 | .001    | 1        |
| S5        | 10.000       | 10.090      | .090       | .898    | 25.311 | .169    | 1        |
| S4        | 5.0000       | 4.9857      | -.014      | -.287   | 12.509 | .036    | 1        |
| S3        | 2.5000       | 2.4564      | -.044      | -1.75   | 6.1647 | .050    | 1        |
| S2        | 1.2500       | 1.2215      | -.029      | -2.28   | 3.0674 | .016    | 1        |
| S1        | .05000       | .04668      | -.003      | -6.64   | .12070 | .002    | 1        |



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

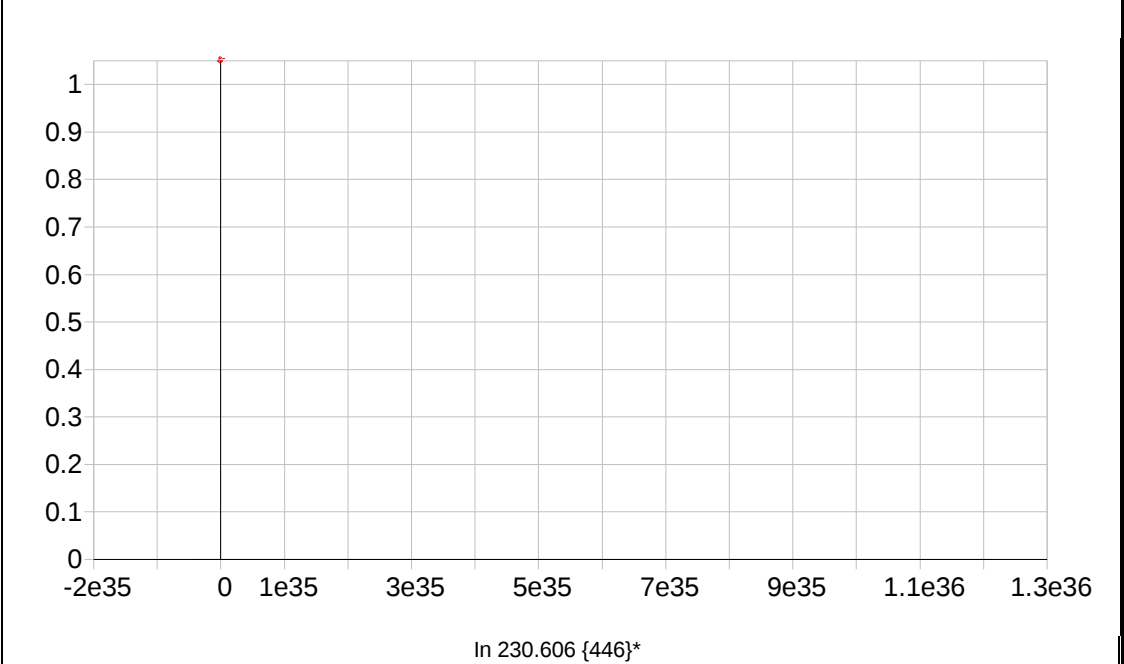




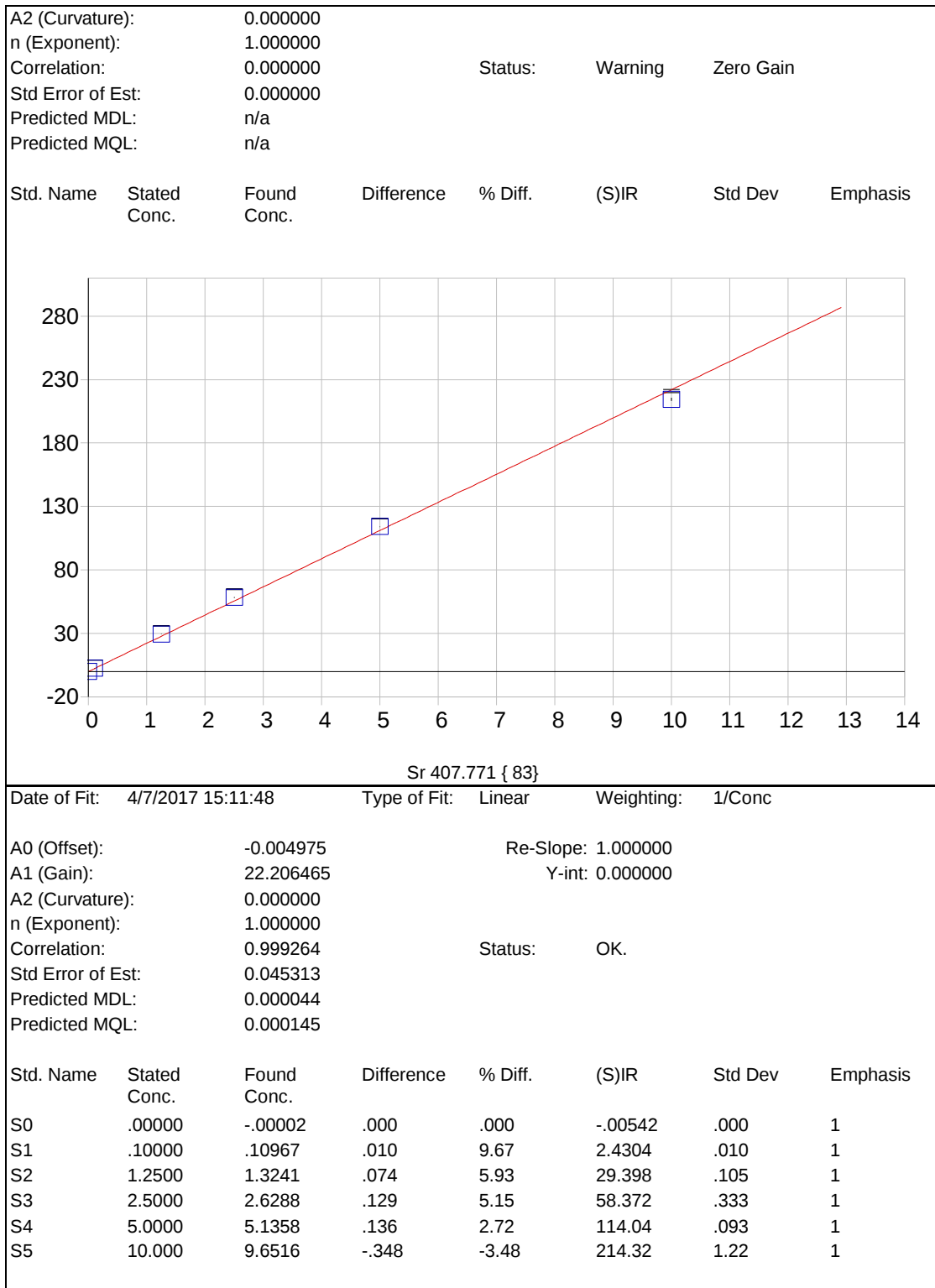


|                   |          |                           |
|-------------------|----------|---------------------------|
| A0 (Offset):      | 0.000000 | Re-Slope: 1.000000        |
| A1 (Gain):        | 0.000000 | Y-int: 0.000000           |
| A2 (Curvature):   | 0.000000 |                           |
| 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 |
|-----------|--------------|-------------|------------|---------|-------|---------|----------|
|-----------|--------------|-------------|------------|---------|-------|---------|----------|



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



Sample Name: S0      Acquired: 4/6/2017 14:22:42      Type: Cal  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: IR      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: S00      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    | -.00023 | -.00049 | .00000 | .00063 | .00006 | .00050 | -.09967 | -.00214 |
| Stddev | .00007  | .00008  | .00009 | .00016 | .00026 | .00030 | .00200  | .00023  |
| %RSD   | 29.025  | 16.463  | 6626.8 | 25.764 | 465.57 | 61.023 | 2.0017  | 10.992  |

|    |         |         |         |        |         |        |         |         |
|----|---------|---------|---------|--------|---------|--------|---------|---------|
| #1 | -.00025 | -.00048 | .00009  | .00055 | .00002  | .00084 | -.10038 | -.00210 |
| #2 | -.00015 | -.00041 | -.00009 | .00081 | .00034  | .00039 | -.09742 | -.00192 |
| #3 | -.00028 | -.00057 | .00000  | .00052 | -.00018 | .00026 | -.10122 | -.00239 |

|        |         |        |        |         |        |         |        |         |
|--------|---------|--------|--------|---------|--------|---------|--------|---------|
| Elem   | Cd2144  | Ca3736 | Cr2677 | Co2286  | Cu3247 | Fe2598  | Mn2576 | Mg2790  |
| Units  | Cts/S   | Cts/S  | Cts/S  | Cts/S   | Cts/S  | Cts/S   | Cts/S  | Cts/S   |
| Avg    | -.00030 | .00199 | .00004 | -.00031 | .00149 | -.00001 | .00010 | -.00031 |
| Stddev | .00013  | .00018 | .00002 | .00014  | .00034 | .00026  | .00026 | .00059  |
| %RSD   | 43.692  | 8.9106 | 47.037 | 44.888  | 22.966 | 2568.0  | 259.11 | 188.67  |

|    |         |        |        |         |        |         |         |         |
|----|---------|--------|--------|---------|--------|---------|---------|---------|
| #1 | -.00024 | .00217 | .00006 | -.00024 | .00184 | .00014  | .00014  | -.00099 |
| #2 | -.00046 | .00182 | .00002 | -.00047 | .00145 | -.00031 | -.00018 | .00008  |
| #3 | -.00021 | .00197 | .00005 | -.00023 | .00116 | .00014  | .00034  | -.00003 |

|        |         |         |         |         |         |         |         |         |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|
| Elem   | Ni2316  | Ag3280  | Na8183  | V_ 2924 | Zn2138  | K_ 7698 | P_ 1774 | B_ 2496 |
| Units  | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   |
| Avg    | -.00030 | -.00104 | -.00175 | -.00018 | -.00094 | .02216  | -.00081 | .00401  |
| Stddev | .00018  | .00003  | .00112  | .00028  | .00014  | .00101  | .00001  | .00040  |
| %RSD   | 60.223  | 3.3545  | 64.109  | 157.04  | 14.730  | 4.5464  | 1.3968  | 10.019  |

|    |         |         |         |         |         |        |         |        |
|----|---------|---------|---------|---------|---------|--------|---------|--------|
| #1 | -.00010 | -.00101 | -.00289 | -.00015 | -.00104 | .02166 | -.00080 | .00428 |
| #2 | -.00046 | -.00103 | -.00171 | -.00046 | -.00101 | .02150 | -.00082 | .00355 |
| #3 | -.00034 | -.00108 | -.00065 | .00009  | -.00078 | .02332 | -.00081 | .00421 |

|        |        |         |        |        |        |        |         |  |
|--------|--------|---------|--------|--------|--------|--------|---------|--|
| Elem   | Mo2020 | S_ 1820 | Si2516 | Sn1899 | Ti3361 | Li6707 | Sr4077  |  |
| Units  | Cts/S  | Cts/S   | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S   |  |
| Avg    | .00019 | .00084  | .00485 | .00009 | .00203 | .00363 | -.00542 |  |
| Stddev | .00016 | .00006  | .00063 | .00006 | .00039 | .00059 | .00013  |  |
| %RSD   | 82.882 | 7.6495  | 13.013 | 65.382 | 19.303 | 16.321 | 2.3301  |  |

|    |        |        |        |        |        |        |         |  |
|----|--------|--------|--------|--------|--------|--------|---------|--|
| #1 | .00037 | .00092 | .00425 | .00009 | .00188 | .00337 | -.00528 |  |
| #2 | .00017 | .00080 | .00551 | .00016 | .00174 | .00321 | -.00552 |  |
| #3 | .00005 | .00081 | .00479 | .00003 | .00247 | .00431 | -.00546 |  |

Sample Name: S0      Acquired: 4/6/2017 14:22:42      Type: Cal  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: IR      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: S00      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_2243 | Y_2243 | Y_3600 | Y_3710 | In2306 |
|-----------|--------|--------|--------|--------|--------|
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 1349.0 | 2431.4 | 40494. | 3893.0 | 3980.4 |
| Stddev    | 9.1    | 9.9    | 153.   | 36.2   | 10.0   |
| %RSD      | .67149 | .40667 | .37682 | .92909 | .25013 |
| #1        | 1352.5 | 2425.4 | 40448. | 3918.6 | 3972.1 |
| #2        | 1355.8 | 2426.1 | 40665. | 3851.6 | 3977.8 |
| #3        | 1338.7 | 2442.9 | 40370. | 3908.9 | 3991.4 |

Sample Name: S1      Acquired: 4/6/2017 14:26:53      Type: Cal  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: IR      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: S01      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    | .00040 | .00105 | .00172 | .00338 | .00977 | .02794 | 1.1438 | .03434 |
| Stddev | .00008 | .00001 | .00013 | .00008 | .00021 | .00096 | .0066  | .00051 |
| %RSD   | 20.930 | 1.1451 | 7.6552 | 2.3516 | 2.1169 | 3.4432 | .57666 | 1.4730 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00030 | .00106 | .00182 | .00329 | .00992 | .02740 | 1.1366 | .03388 |
| #2 | .00044 | .00104 | .00157 | .00340 | .00986 | .02737 | 1.1453 | .03426 |
| #3 | .00045 | .00105 | .00178 | .00345 | .00953 | .02905 | 1.1495 | .03488 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 | Mn2576 | Mg2790 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .01044 | .31821 | .00155 | .03966 | .00904 | .00414 | .00893 | .06856 |
| Stddev | .00014 | .00175 | .00004 | .00031 | .00040 | .00017 | .00011 | .00019 |
| %RSD   | 1.3681 | .55137 | 2.3563 | .77811 | 4.4188 | 4.0695 | 1.2307 | .27570 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .01054 | .31621 | .00152 | .03980 | .00924 | .00416 | .00880 | .06858 |
| #2 | .01028 | .31948 | .00159 | .03986 | .00858 | .00429 | .00901 | .06836 |
| #3 | .01050 | .31894 | .00154 | .03930 | .00931 | .00396 | .00897 | .06873 |

|        |        |        |        |         |        |         |         |         |
|--------|--------|--------|--------|---------|--------|---------|---------|---------|
| Elem   | Ni2316 | Ag3280 | Na8183 | V_ 2924 | Zn2138 | K_ 7698 | P_ 1774 | B_ 2496 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S   | Cts/S  | Cts/S   | Cts/S   | Cts/S   |
| Avg    | .01829 | .00226 | .07079 | .00671  | .00528 | .25798  | -.00015 | .01144  |
| Stddev | .00008 | .00001 | .00185 | .00027  | .00002 | .00240  | .00011  | .00114  |
| %RSD   | .45963 | .63870 | 2.6119 | 4.0519  | .43289 | .93176  | 76.534  | 9.9632  |

|    |        |        |        |        |        |        |         |        |
|----|--------|--------|--------|--------|--------|--------|---------|--------|
| #1 | .01836 | .00225 | .07172 | .00640 | .00528 | .25520 | -.00002 | .01255 |
| #2 | .01833 | .00228 | .07199 | .00678 | .00530 | .25924 | -.00018 | .01151 |
| #3 | .01820 | .00226 | .06866 | .00693 | .00525 | .25948 | -.00023 | .01027 |

|        |        |         |        |        |        |        |        |  |
|--------|--------|---------|--------|--------|--------|--------|--------|--|
| Elem   | Mo2020 | S_ 1820 | Si2516 | Sn1899 | Ti3361 | Li6707 | Sr4077 |  |
| Units  | Cts/S  | Cts/S   | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |  |
| Avg    | .00789 | .00370  | .07547 | .00071 | .07544 | .12070 | 2.4304 |  |
| Stddev | .00030 | .00002  | .00125 | .00006 | .00112 | .00168 | .0101  |  |
| %RSD   | 3.7927 | .64033  | 1.6515 | 8.9735 | 1.4810 | 1.3929 | .41372 |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | .00790 | .00367 | .07405 | .00076 | .07433 | .12085 | 2.4190 |  |
| #2 | .00819 | .00371 | .07637 | .00074 | .07657 | .12230 | 2.4383 |  |
| #3 | .00759 | .00371 | .07600 | .00064 | .07542 | .11895 | 2.4337 |  |

Sample Name: S1      Acquired: 4/6/2017 14:26:53      Type: Cal  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: IR      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: S01      Custom ID2:      Custom ID3:  
 Comment:

|           |        |        |        |        |        |
|-----------|--------|--------|--------|--------|--------|
| Int. Std. | Y_2243 | Y_2243 | Y_3600 | Y_3710 | In2306 |
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 1311.2 | 2345.3 | 39306. | 3884.5 | 3791.8 |
| Stddev    | 3.3    | 12.0   | 69.    | 34.7   | 13.7   |
| %RSD      | .25223 | .51257 | .17515 | .89250 | .36180 |
| #1        | 1311.9 | 2333.2 | 39314. | 3924.1 | 3782.0 |
| #2        | 1307.6 | 2345.6 | 39234. | 3859.5 | 3786.0 |
| #3        | 1314.1 | 2357.2 | 39370. | 3870.0 | 3807.5 |

Sample Name: S2      Acquired: 4/6/2017 14:31:03      Type: Cal  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: IR      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: S02      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    | .07451 | .08496 | 1.2000 | .11265 | .21156 | 5.0499 | 15.143 | .87164 |
| Stddev | .00042 | .00038 | .0054  | .00031 | .00081 | .0259  | .101   | .00038 |
| %RSD   | .56216 | .44660 | .45069 | .27227 | .38211 | .51327 | .66702 | .04384 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .07408 | .08535 | 1.1942 | .11263 | .21086 | 5.0712 | 15.241 | .87204 |
| #2 | .07491 | .08493 | 1.2049 | .11296 | .21245 | 5.0576 | 15.148 | .87160 |
| #3 | .07453 | .08459 | 1.2009 | .11235 | .21138 | 5.0211 | 15.040 | .87128 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 | Mn2576 | Mg2790 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 1.3931 | 3.7980 | .55163 | .52141 | 1.0728 | 1.3997 | 2.0940 | .84890 |
| Stddev | .0059  | .0088  | .00272 | .00116 | .0062  | .0016  | .0029  | .00424 |
| %RSD   | .42216 | .23060 | .49353 | .22192 | .57931 | .11745 | .13753 | .49995 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.3864 | 3.8058 | .55256 | .52013 | 1.0790 | 1.4014 | 2.0972 | .85294 |
| #2 | 1.3973 | 3.7997 | .54856 | .52237 | 1.0730 | 1.3981 | 2.0932 | .84928 |
| #3 | 1.3956 | 3.7886 | .55376 | .52175 | 1.0665 | 1.3996 | 2.0915 | .84448 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 | K_7698 | P_1774 | B_2496 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .29600 | .09681 | .53276 | .07631 | .33220 | 1.8115 | .05819 | 1.0140 |
| Stddev | .00146 | .00070 | .00525 | .00062 | .00152 | .0061  | .00017 | .0017  |
| %RSD   | .49337 | .72249 | .98565 | .80792 | .45849 | .33728 | .28886 | .17003 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .29448 | .09753 | .53876 | .07688 | .33330 | 1.8184 | .05808 | 1.0156 |
| #2 | .29739 | .09613 | .52899 | .07566 | .33046 | 1.8095 | .05838 | 1.0143 |
| #3 | .29614 | .09676 | .53054 | .07639 | .33283 | 1.8067 | .05809 | 1.0122 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Li6707 | Sr4077 |  |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |  |
| Avg    | .92339 | .04314 | .95036 | .11504 | .88880 | 3.0674 | 29.398 |  |
| Stddev | .00256 | .00009 | .00305 | .00034 | .00499 | .0157  | .105   |  |
| %RSD   | .27767 | .21669 | .32072 | .29576 | .56094 | .51236 | .35776 |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | .92123 | .04315 | .95343 | .11466 | .89227 | 3.0822 | 29.510 |  |
| #2 | .92622 | .04304 | .95030 | .11513 | .89106 | 3.0690 | 29.385 |  |
| #3 | .92270 | .04323 | .94734 | .11532 | .88309 | 3.0509 | 29.301 |  |

Sample Name: S2      Acquired: 4/6/2017 14:31:03      Type: Cal  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: IR      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: S02      Custom ID2:      Custom ID3:  
 Comment:

| Int. Std. | Y_2243 | Y_2243 | Y_3600 | Y_3710 | In2306 |
|-----------|--------|--------|--------|--------|--------|
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 1213.6 | 2170.7 | 36710. | 3809.4 | 3251.6 |
| Stddev    | 4.2    | 5.6    | 127.   | 8.3    | 10.0   |
| %RSD      | .34371 | .25959 | .34650 | .21696 | .30718 |
| #1        | 1209.5 | 2169.0 | 36601. | 3800.1 | 3251.1 |
| #2        | 1217.9 | 2166.2 | 36850. | 3812.2 | 3241.8 |
| #3        | 1213.5 | 2177.0 | 36679. | 3815.9 | 3261.8 |

Sample Name: S3      Acquired: 4/6/2017 14:34:57      Type: Cal  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: IR      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: S03      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    | .15099 | .16585 | 2.3817 | .22580 | .42830 | 10.141 | 30.446 | 1.7158 |
| Stddev | .00041 | .00024 | .0018  | .00050 | .00145 | .078   | .197   | .0203  |
| %RSD   | .26919 | .14521 | .07408 | .22129 | .33811 | .77035 | .64620 | 1.1823 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .15143 | .16597 | 2.3824 | .22628 | .42782 | 10.137 | 30.454 | 1.7040 |
| #2 | .15063 | .16558 | 2.3797 | .22585 | .42993 | 10.221 | 30.639 | 1.7393 |
| #3 | .15090 | .16602 | 2.3830 | .22528 | .42715 | 10.065 | 30.246 | 1.7043 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 | Mn2576 | Mg2790 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 2.7869 | 7.5199 | 1.0736 | 1.0475 | 2.1247 | 2.7343 | 4.0754 | 1.7032 |
| Stddev | .0013  | .0417  | .0022  | .0019  | .0124  | .0209  | .0343  | .0127  |
| %RSD   | .04808 | .55430 | .20748 | .18479 | .58132 | .76557 | .84173 | .74499 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.7881 | 7.5066 | 1.0722 | 1.0495 | 2.1266 | 2.7346 | 4.0696 | 1.7011 |
| #2 | 2.7870 | 7.5666 | 1.0762 | 1.0457 | 2.1360 | 2.7550 | 4.1122 | 1.7168 |
| #3 | 2.7854 | 7.4865 | 1.0725 | 1.0474 | 2.1115 | 2.7131 | 4.0443 | 1.6917 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 | K_7698 | P_1774 | B_2496 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .59070 | .19758 | 1.0618 | .15020 | .68314 | 3.6119 | .12132 | 1.9889 |
| Stddev | .00051 | .00024 | .0095  | .00066 | .00464 | .0258  | .00028 | .0226  |
| %RSD   | .08630 | .12171 | .89084 | .43729 | .67864 | .71528 | .23289 | 1.1372 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .59115 | .19733 | 1.0606 | .15037 | .67782 | 3.6074 | .12102 | 1.9820 |
| #2 | .59081 | .19760 | 1.0718 | .15075 | .68632 | 3.6397 | .12158 | 2.0141 |
| #3 | .59015 | .19781 | 1.0530 | .14947 | .68528 | 3.5886 | .12136 | 1.9705 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Li6707 | Sr4077 |  |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |  |
| Avg    | 1.8361 | .08937 | 1.8266 | .23129 | 1.7503 | 6.1647 | 58.372 |  |
| Stddev | .0024  | .00024 | .0127  | .00030 | .0105  | .0497  | .333   |  |
| %RSD   | .12912 | .26693 | .69378 | .12998 | .60185 | .80609 | .56981 |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | 1.8339 | .08914 | 1.8229 | .23155 | 1.7523 | 6.1830 | 58.284 |  |
| #2 | 1.8386 | .08962 | 1.8408 | .23135 | 1.7596 | 6.2026 | 58.740 |  |
| #3 | 1.8358 | .08934 | 1.8163 | .23096 | 1.7389 | 6.1084 | 58.093 |  |

Sample Name: S3      Acquired: 4/6/2017 14:34:57      Type: Cal  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: IR      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: S03      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_2243 | Y_2243 | Y_3600 | Y_3710 | In2306 |
|-----------|--------|--------|--------|--------|--------|
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 1160.3 | 2071.4 | 35688. | 3773.9 | 3032.3 |
| Stddev    | 3.8    | 6.9    | 87.    | 31.0   | 8.9    |
| %RSD      | .32428 | .33504 | .24494 | .82242 | .29240 |
| #1        | 1156.0 | 2065.5 | 35593. | 3775.2 | 3022.1 |
| #2        | 1162.1 | 2069.7 | 35707. | 3742.2 | 3037.2 |
| #3        | 1162.8 | 2079.1 | 35764. | 3804.3 | 3037.7 |

Sample Name: S4      Acquired: 4/6/2017 14:38:48      Type: Cal  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: IR      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: S04      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    | .30507 | .31621 | 4.6640 | .45086 | .87066 | 20.395 | 59.675 | 3.3936 |
| Stddev | .00133 | .00130 | .0093  | .00310 | .00248 | .116   | .374   | .0255  |
| %RSD   | .43439 | .41129 | .19998 | .68742 | .28489 | .56965 | .62707 | .75099 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .30402 | .31517 | 4.6650 | .45014 | .86955 | 20.443 | 59.806 | 3.4198 |
| #2 | .30656 | .31767 | 4.6728 | .45426 | .87350 | 20.480 | 59.965 | 3.3922 |
| #3 | .30464 | .31579 | 4.6542 | .44818 | .86893 | 20.263 | 59.252 | 3.3689 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 | Mn2576 | Mg2790 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 5.4829 | 14.952 | 2.0802 | 2.0651 | 4.1663 | 5.3222 | 7.9265 | 3.4289 |
| Stddev | .0111  | .083   | .0049  | .0042  | .0209  | .0166  | .0449  | .0176  |
| %RSD   | .20221 | .55664 | .23482 | .20092 | .50082 | .31266 | .56668 | .51229 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 5.4750 | 15.018 | 2.0819 | 2.0666 | 4.1779 | 5.3288 | 7.9578 | 3.4384 |
| #2 | 5.4956 | 14.979 | 2.0747 | 2.0682 | 4.1788 | 5.3346 | 7.9467 | 3.4397 |
| #3 | 5.4782 | 14.859 | 2.0840 | 2.0604 | 4.1422 | 5.3033 | 7.8750 | 3.4086 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 | K_7698 | P_1774 | B_2496 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 1.1579 | .40415 | 2.1064 | .29585 | 1.3995 | 7.1761 | .24745 | 3.8679 |
| Stddev | .0042  | .00072 | .0107  | .00121 | .0132  | .0386  | .00045 | .0222  |
| %RSD   | .36139 | .17813 | .50648 | .40905 | .94118 | .53726 | .18380 | .57344 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.1575 | .40341 | 2.1073 | .29647 | 1.3855 | 7.1981 | .24740 | 3.8907 |
| #2 | 1.1622 | .40420 | 2.1166 | .29662 | 1.4014 | 7.1986 | .24793 | 3.8666 |
| #3 | 1.1539 | .40485 | 2.0954 | .29445 | 1.4116 | 7.1316 | .24703 | 3.8464 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Li6707 | Sr4077 |  |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |  |
| Avg    | 3.6142 | .18264 | 3.5266 | .45864 | 3.4316 | 12.509 | 114.04 |  |
| Stddev | .0113  | .00090 | .0227  | .00153 | .0268  | .036   | .09    |  |
| %RSD   | .31312 | .49349 | .64511 | .33323 | .78078 | .28769 | .08121 |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | 3.6110 | .18202 | 3.5467 | .45779 | 3.4444 | 12.530 | 113.98 |  |
| #2 | 3.6267 | .18368 | 3.5311 | .46040 | 3.4495 | 12.528 | 114.15 |  |
| #3 | 3.6048 | .18223 | 3.5019 | .45773 | 3.4008 | 12.467 | 114.00 |  |

Sample Name: S4      Acquired: 4/6/2017 14:38:48      Type: Cal  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: IR      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: S04      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_2243 | Y_2243 | Y_3600 | Y_3710 | In2306 |
|-----------|--------|--------|--------|--------|--------|
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 1092.0 | 1950.8 | 34512. | 3714.5 | 2809.3 |
| Stddev    | 5.4    | 6.3    | 51.    | 20.3   | 7.8    |
| %RSD      | .49363 | .32315 | .14790 | .54702 | .27615 |
| #1        | 1098.2 | 1953.7 | 34559. | 3693.8 | 2812.0 |
| #2        | 1088.8 | 1943.5 | 34519. | 3715.3 | 2800.6 |
| #3        | 1088.9 | 1955.0 | 34457. | 3734.4 | 2815.4 |

Sample Name: S5      Acquired: 4/6/2017 14:42:46      Type: Cal  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: IR      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: S05      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    | .62649 | .59266 | 8.9797 | .91285 | 1.7941 | 40.434 | 114.41 | 6.5554 |
| Stddev | .00099 | .00107 | .0056  | .00116 | .0004  | .150   | 1.09   | .0405  |
| %RSD   | .15882 | .18118 | .06215 | .12714 | .02454 | .37185 | .95587 | .61812 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .62755 | .59143 | 8.9848 | .91159 | 1.7941 | 40.525 | 114.45 | 6.5483 |
| #2 | .62636 | .59340 | 8.9805 | .91387 | 1.7945 | 40.261 | 113.30 | 6.5190 |
| #3 | .62557 | .59315 | 8.9737 | .91309 | 1.7936 | 40.517 | 115.49 | 6.5991 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 | Mn2576 | Mg2790 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 10.523 | 28.550 | 3.9019 | 3.9932 | 8.1719 | 9.9792 | 14.870 | 6.6316 |
| Stddev | .022   | .078   | .0096  | .0030  | .0405  | .0292  | .033   | .0220  |
| %RSD   | .20511 | .27224 | .24712 | .07559 | .49584 | .29245 | .21994 | .33205 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 10.527 | 28.606 | 3.9129 | 3.9937 | 8.2014 | 9.9749 | 14.887 | 6.6223 |
| #2 | 10.500 | 28.461 | 3.8951 | 3.9959 | 8.1257 | 9.9524 | 14.832 | 6.6156 |
| #3 | 10.543 | 28.583 | 3.8976 | 3.9899 | 8.1885 | 10.010 | 14.890 | 6.6567 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 | K_7698 | P_1774 | B_2496 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 2.2180 | .83011 | 4.1221 | .56234 | 2.8846 | 14.221 | .50162 | 7.2055 |
| Stddev | .0011  | .00217 | .0160  | .00135 | .0254  | .062   | .00232 | .0175  |
| %RSD   | .05106 | .26198 | .38918 | .24013 | .88034 | .43769 | .46245 | .24340 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.2192 | .83227 | 4.1317 | .56314 | 2.8792 | 14.259 | .50058 | 7.2128 |
| #2 | 2.2169 | .82792 | 4.1036 | .56078 | 2.9123 | 14.149 | .50428 | 7.1855 |
| #3 | 2.2178 | .83015 | 4.1309 | .56310 | 2.8624 | 14.255 | .50000 | 7.2181 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Li6707 | Sr4077 |  |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |  |
| Avg    | 7.1239 | .37057 | 6.6600 | .88606 | 6.5594 | 25.311 | 214.32 |  |
| Stddev | .0089  | .00069 | .0260  | .00161 | .0217  | .169   | 1.22   |  |
| %RSD   | .12454 | .18492 | .39024 | .18221 | .33143 | .66929 | .57083 |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | 7.1185 | .36997 | 6.6713 | .88422 | 6.5800 | 25.395 | 214.15 |  |
| #2 | 7.1191 | .37043 | 6.6302 | .88668 | 6.5366 | 25.116 | 213.19 |  |
| #3 | 7.1342 | .37131 | 6.6783 | .88726 | 6.5616 | 25.422 | 215.62 |  |

Sample Name: S5      Acquired: 4/6/2017 14:42:46      Type: Cal  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: IR      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: S05      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_2243 | Y_2243 | Y_3600 | Y_3710 | In2306 |
|-----------|--------|--------|--------|--------|--------|
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 983.67 | 1778.7 | 32864. | 3683.4 | 2553.1 |
| Stddev    | 6.75   | 2.0    | 107.   | 14.1   | 4.9    |
| %RSD      | .68578 | .11357 | .32664 | .38270 | .19351 |
| #1        | 985.20 | 1776.5 | 32772. | 3681.8 | 2549.8 |
| #2        | 976.28 | 1779.0 | 32839. | 3698.3 | 2550.7 |
| #3        | 989.51 | 1780.5 | 32982. | 3670.3 | 2558.8 |

Sample Name: S6      Acquired: 4/6/2017 14:46:50      Type: Cal  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: IR      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: S06      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|
| Elem   | Al3961 | Ca3736 | Fe2598 | Mg2790 | Na8183 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 105.93 | 46.546 | 26.653 | 10.988 | 11.707 |
| Stddev | .81    | .077   | .080   | .030   | .040   |
| %RSD   | .76294 | .16508 | .30131 | .27447 | .34430 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 105.89 | 46.508 | 26.737 | 11.018 | 11.754 |
| #2 | 105.14 | 46.634 | 26.644 | 10.988 | 11.683 |
| #3 | 106.76 | 46.495 | 26.577 | 10.957 | 11.685 |

|           |        |
|-----------|--------|
| Int. Std. | Y_3710 |
| Units     | Cts/S  |
| Avg       | 3551.0 |
| Stddev    | 9.2    |
| %RSD      | .25953 |

|    |        |
|----|--------|
| #1 | 3540.8 |
| #2 | 3553.6 |
| #3 | 3558.7 |

Sample Name: ICV      Acquired: 4/6/2017 15:04:03      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: ICV      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .9778541 | 1.086094 | .9502479 | .9898489 | .9857099 | 2.343992 |
| Stddev | .0119572 | .013606  | .0123160 | .0123112 | .0100796 | .027287  |
| %RSD   | 1.222799 | 1.252725 | 1.296085 | 1.243748 | 1.022570 | 1.164139 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .9842035 | 1.094510 | .9582946 | .9922849 | .9866001 | 2.370035 |
| #2 | .9852973 | 1.093375 | .9563793 | 1.000760 | .9953149 | 2.315611 |
| #3 | .9640616 | 1.070397 | .9360696 | .976502  | .9752148 | 2.346328 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4933481 | .4816517 | .4706390 | 9.901341 | .5310897 | .4738165 |
| Stddev | .0055657 | .0072198 | .0051858 | .141117  | .0007497 | .0061264 |
| %RSD   | 1.128146 | 1.498958 | 1.101853 | 1.425232 | .1411674 | 1.292990 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4985895 | .4895369 | .4745531 | 10.05076 | .5317793 | .4776742 |
| #2 | .4875067 | .4753654 | .4726064 | 9.77033  | .5302916 | .4770231 |
| #3 | .4939482 | .4800529 | .4647574 | 9.88293  | .5311982 | .4667524 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5013623 | 5.419644 | .5297649 | 5.795125 | .4875418 | .4788802 |
| Stddev | .0083802 | .064716  | .0067540 | .061989  | .0049870 | .0016446 |
| %RSD   | 1.671485 | 1.194109 | 1.274913 | 1.069667 | 1.022882 | .3434325 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5108037 | 5.487466 | .5362488 | 5.864294 | .4904696 | .4769899 |
| #2 | .4948050 | 5.358561 | .5227697 | 5.744592 | .4903721 | .4796683 |
| #3 | .4984782 | 5.412904 | .5302763 | 5.776490 | .4817836 | .4799825 |

|        |          |          |          |          |            |            |
|--------|----------|----------|----------|----------|------------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm        |
| Avg    | 9.399683 | .5342183 | .9745202 | 9.274698 | F -.003319 | F -.001110 |
| Stddev | .169482  | .0107832 | .0033787 | .118870  | .000598    | .000805    |
| %RSD   | 1.803061 | 2.018494 | .3466992 | 1.281656 | 18.02962   | 72.50612   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.586761 | .5452567 | .9715536 | 9.381119 | -.003455 | -.000241 |
| #2 | 9.256389 | .5237100 | .9781978 | 9.146415 | -.003838 | -.001829 |
| #3 | 9.355899 | .5336882 | .9738094 | 9.296561 | -.002664 | -.001261 |

Sample Name: ICV      Acquired: 4/6/2017 15:04:03      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: ICV      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Mo2020                                                                        | S_1820                                     | Si2516                                     | Sn1899                                                                        | Ti3361                                     | Li6707                                     |
|--------|-------------------------------------------------------------------------------|--------------------------------------------|--------------------------------------------|-------------------------------------------------------------------------------|--------------------------------------------|--------------------------------------------|
| Units  | ppm                                                                           | ppm                                        | ppm                                        | ppm                                                                           | ppm                                        | ppm                                        |
| Avg    | <span style="color: red;">F</span> <span style="color: blue;">-.000460</span> | <span style="color: blue;">.0017278</span> | <span style="color: blue;">-.000510</span> | <span style="color: red;">F</span> <span style="color: blue;">.0006745</span> | <span style="color: blue;">-.000320</span> | <span style="color: blue;">.0002744</span> |
| Stddev | .000076                                                                       | .0005753                                   | .000191                                    | .0000859                                                                      | .000458                                    | .0003061                                   |
| %RSD   | 16.45927                                                                      | 33.29489                                   | 37.44214                                   | 12.73310                                                                      | 143.2691                                   | 111.5480                                   |
| #1     | <span style="color: blue;">-.000533</span>                                    | <span style="color: blue;">.0023400</span> | <span style="color: blue;">-.000535</span> | <span style="color: blue;">.0007723</span>                                    | <span style="color: blue;">.000148</span>  | <span style="color: blue;">.0006251</span> |
| #2     | <span style="color: blue;">-.000382</span>                                    | <span style="color: blue;">.0016450</span> | <span style="color: blue;">-.000308</span> | <span style="color: blue;">.0006114</span>                                    | <span style="color: blue;">-.000339</span> | <span style="color: blue;">.0000600</span> |
| #3     | <span style="color: blue;">-.000465</span>                                    | <span style="color: blue;">.0011984</span> | <span style="color: blue;">-.000687</span> | <span style="color: blue;">.0006398</span>                                    | <span style="color: blue;">-.000768</span> | <span style="color: blue;">.0001383</span> |

| Elem   | Sr4077                                     |
|--------|--------------------------------------------|
| Units  | ppm                                        |
| Avg    | <span style="color: blue;">.0120965</span> |
| Stddev | .0002037                                   |
| %RSD   | 1.683707                                   |
| #1     | <span style="color: blue;">.0122434</span> |
| #2     | <span style="color: blue;">.0118640</span> |
| #3     | <span style="color: blue;">.0121821</span> |

| Int. Std. | Y_2243                                      | Y_2243                                      | Y_3600                                      | Y_3710                                      | In2306                                      |
|-----------|---------------------------------------------|---------------------------------------------|---------------------------------------------|---------------------------------------------|---------------------------------------------|
| Units     | Cts/S                                       | Cts/S                                       | Cts/S                                       | Cts/S                                       | Cts/S                                       |
| Avg       | <span style="color: green;">1242.141</span> | <span style="color: green;">2177.970</span> | <span style="color: green;">37957.08</span> | <span style="color: green;">4094.027</span> | <span style="color: green;">3675.481</span> |
| Stddev    | 8.326                                       | 27.576                                      | 125.43                                      | 55.681                                      | 44.205                                      |
| %RSD      | .6702640                                    | 1.266147                                    | .3304595                                    | 1.360065                                    | 1.202712                                    |
| #1        | <span style="color: green;">1243.192</span> | <span style="color: green;">2170.505</span> | <span style="color: green;">38010.87</span> | <span style="color: green;">4031.658</span> | <span style="color: green;">3658.694</span> |
| #2        | <span style="color: green;">1233.339</span> | <span style="color: green;">2154.895</span> | <span style="color: green;">37813.73</span> | <span style="color: green;">4138.738</span> | <span style="color: green;">3642.128</span> |
| #3        | <span style="color: green;">1249.890</span> | <span style="color: green;">2208.511</span> | <span style="color: green;">38046.65</span> | <span style="color: green;">4111.686</span> | <span style="color: green;">3725.621</span> |

Sample Name: ICB      Acquired: 4/6/2017 15:08:05      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: ICB      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0009675 | .0002494 | -.000622 | -.002546 | .0002157 | -.000444 | -.002037 |
| Stddev | .0015993 | .0008586 | .000622  | .001689  | .0007726 | .004344  | .000574  |
| %RSD   | 165.3105 | 344.2674 | 100.1320 | 66.33600 | 358.1593 | 979.2221 | 28.15196 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0021901 | .0005660 | -.000348 | -.003374 | -.000353 | .004482  | -.001375 |
| #2 | -.000842 | -.000723 | -.001334 | -.000603 | .001095  | -.003727 | -.002387 |
| #3 | .001555  | .000905  | -.000183 | -.003661 | -.000095 | -.002085 | -.002350 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000002 | .0000584 | -.001880 | -.000219 | .0000871 | .0010145 | .0041890 |
| Stddev | .000030  | .0000559 | .002015  | .000353  | .0001383 | .0017177 | .0136207 |
| %RSD   | 1335.419 | 95.74715 | 107.1686 | 161.0213 | 158.6947 | 169.3078 | 325.1543 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000037 | .0000993 | .000237  | -.000455 | .0000154 | -.000899 | .0198430 |
| #2 | .000008  | .0000810 | -.002104 | .000187  | -.000000 | .001521  | -.002319 |
| #3 | .000021  | -.000005 | -.003775 | -.000389 | .000247  | .002422  | -.004957 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000325 | .0113513 | .0002984 | .0002412 | -.105676 | -.001865 | .0086999 |
| Stddev | .000264  | .0093257 | .0000584 | .0001403 | .113874  | .002328  | .0103733 |
| %RSD   | 81.15040 | 82.15510 | 19.58147 | 58.16052 | 107.7578 | 124.8577 | 119.2341 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000029 | .0220269 | .0003145 | .0002276 | .011576  | -.004360 | .0153061 |
| #2 | -.000535 | .0047914 | .0003472 | .0001082 | -.215840 | -.001484 | .0140499 |
| #3 | -.000412 | .0072357 | .0002336 | .0003878 | -.112763 | .000250  | -.003256 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.054121 | -.000042 | -.001463 | .0002866 | .0025412 | -.001537 | .0004410 |
| Stddev | .010679  | .000617  | .000684  | .0000644 | .0025215 | .001962  | .0005899 |
| %RSD   | 19.73086 | 1464.880 | 46.72822 | 22.47985 | 99.22287 | 127.6394 | 133.7466 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.066304 | -.000603 | -.000856 | .0003355 | .0035524 | -.003600 | .0001123 |
| #2 | -.049677 | -.000142 | -.002203 | .0002136 | .0044001 | -.001318 | .0000888 |
| #3 | -.046383 | .000619  | -.001330 | .0003108 | -.000329 | .000306  | .0011220 |

Sample Name: ICB      Acquired: 4/6/2017 15:08:05      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: ICB      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0002816 | .0002419 | .0000211 |
| Stddev | .0008474 | .0001405 | .0000375 |
| %RSD   | 300.9570 | 58.06591 | 177.8145 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0012587 | .0002093 | .0000191 |
| #2 | -.000253 | .0001206 | .0000595 |
| #3 | -.000161 | .0003958 | -.000015 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1289.623 | 2223.145 | 39316.78 | 4119.990 | 3854.257 |
| Stddev    | 47.100   | 5.838    | 1475.27  | 61.575   | 9.586    |
| %RSD      | 3.652262 | .2625933 | 3.752262 | 1.494550 | .2487075 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1242.764 | 2225.111 | 37899.69 | 4185.790 | 3847.929 |
| #2 | 1289.145 | 2216.578 | 39206.60 | 4063.760 | 3849.557 |
| #3 | 1336.961 | 2227.746 | 40844.05 | 4110.420 | 3865.286 |

Sample Name: ICSA      Acquired: 4/6/2017 15:18:04      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: ICSA      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0017408 | -.006523 | -.001986 | -.007545 | .0000862 | 233.8514 |
| Stddev | .0019804 | .001443  | .001028  | .002274  | .0018385 | 3.4192   |
| %RSD   | 113.7635 | 22.12768 | 51.77409 | 30.13431 | 2133.728 | 1.462146 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0006079 | -.004908 | -.002298 | -.006767 | .0021413 | 234.5214 |
| #2 | .0040276 | -.007687 | -.000838 | -.005763 | -.001402 | 236.8861 |
| #3 | .0005870 | -.006974 | -.002822 | -.010106 | -.000481 | 230.1468 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0030977 | .0011071 | .0015465 | 234.0695 | .0471853 | .0004139 |
| Stddev | .0002428 | .0000501 | .0001253 | 3.1605   | .0001754 | .0001445 |
| %RSD   | 7.839615 | 4.524602 | 8.103988 | 1.350249 | .3718081 | 34.91291 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0028874 | .0010823 | .0014209 | 234.5569 | .0471133 | .0004790 |
| #2 | .0030422 | .0011647 | .0015470 | 236.9581 | .0473853 | .0005144 |
| #3 | .0033635 | .0010742 | .0016716 | 230.6936 | .0470573 | .0002483 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0206195 | 100.0095 | .0104404 | 249.3403 | .0022998 | -.006037 |
| Stddev | .0010921 | 1.4806   | .0007273 | 3.9605   | .0001479 | .000184  |
| %RSD   | 5.296628 | 1.480495 | 6.965762 | 1.588408 | 6.429603 | 3.049910 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0205843 | 99.9980  | .0099559 | 249.4596 | .0024415 | -.006114 |
| #2 | .0217288 | 101.4958 | .0112767 | 253.2399 | .0021465 | -.006171 |
| #3 | .0195454 | 98.5345  | .0100886 | 245.3215 | .0023113 | -.005827 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | .3108950 | -.001939 | .0094192 | -.142790 | -.013727 | F -.032650 |
| Stddev | .0662151 | .001759  | .0104587 | .003235  | .002102  | .001787    |
| %RSD   | 21.29822 | 90.73958 | 111.0354 | 2.265859 | 15.31328 | 5.474509   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2964533 | -.003328 | .0180586 | -.139528 | -.013570 | -.033105 |
| #2 | .3831391 | .000039  | -.002208 | -.142843 | -.015903 | -.034166 |
| #3 | .2530927 | -.002527 | .012407  | -.145998 | -.011708 | -.030679 |

Sample Name: ICSA      Acquired: 4/6/2017 15:18:04      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: ICSA      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000313 | .0254258 | -.003915 | -.000989 | .0001679 | .0011415 |
| Stddev | .000836  | .0013807 | .000717  | .001120  | .0005353 | .0002818 |
| %RSD   | 266.8631 | 5.430161 | 18.31952 | 113.2872 | 318.9139 | 24.68748 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.001172 | .0269800 | -.003140 | -.001520 | .0007753 | .0008649 |
| #2 | .000496  | .0243411 | -.004049 | -.001744 | -.000235 | .0011313 |
| #3 | -.000263 | .0249562 | -.004555 | .000298  | -.000037 | .0014283 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0966640 |
| Stddev | .0017886 |
| %RSD   | 1.850296 |

|    |          |
|----|----------|
| #1 | .0969751 |
| #2 | .0982766 |
| #3 | .0947403 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1129.385 | 1952.077 | 34489.85 | 4011.879 | 2949.504 |
| Stddev    | 3.097    | 13.617   | 171.99   | 43.798   | 19.436   |
| %RSD      | .2742403 | .6975645 | .4986743 | 1.091707 | .6589504 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1126.057 | 1945.366 | 34336.33 | 3992.581 | 2938.489 |
| #2 | 1132.183 | 1967.747 | 34675.72 | 3981.043 | 2971.945 |
| #3 | 1129.914 | 1943.118 | 34457.50 | 4062.012 | 2938.078 |

Sample Name: ICSAB      Acquired: 4/6/2017 15:29:48      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: ICSAB      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0981469 | .0950479 | .0450956 | .0380931 | .5939481 | 229.8328 |
| Stddev | .0062910 | .0023023 | .0011658 | .0026180 | .0062635 | 3.9716   |
| %RSD   | 6.409725 | 2.422299 | 2.585223 | 6.872535 | 1.054547 | 1.728053 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1054077 | .0948381 | .0463491 | .0351216 | .5899603 | 232.1144 |
| #2 | .0943240 | .0974480 | .0448938 | .0390980 | .6011673 | 225.2467 |
| #3 | .0947092 | .0928577 | .0440438 | .0400597 | .5907167 | 232.1372 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4659638 | .4621405 | .9590980 | 229.2259 | .5429312 | .4759406 |
| Stddev | .0073641 | .0066896 | .0120888 | 4.2035   | .0028386 | .0057211 |
| %RSD   | 1.580404 | 1.447527 | 1.260429 | 1.833788 | .5228230 | 1.202059 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4688909 | .4677277 | .9515049 | 231.6932 | .5397411 | .4722527 |
| #2 | .4575862 | .4547276 | .9730383 | 224.3724 | .5451780 | .4825312 |
| #3 | .4714144 | .4639663 | .9527508 | 231.6122 | .5438745 | .4730380 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4823854 | 92.79348 | .4900354 | 244.2132 | .9585965 | .1884532 |
| Stddev | .0066915 | 1.78884  | .0101992 | 4.4600   | .0118800 | .0013168 |
| %RSD   | 1.387168 | 1.927766 | 2.081308 | 1.826258 | 1.239310 | .6987337 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4853341 | 93.98711 | .4978325 | 246.9634 | .9513255 | .1869588 |
| #2 | .4747260 | 90.73674 | .4784931 | 239.0674 | .9723059 | .1889578 |
| #3 | .4870962 | 93.65660 | .4937805 | 246.6089 | .9521580 | .1894431 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | .2806059 | .4828469 | .9836471 | -.170076 | -.013113 | F -.032275 |
| Stddev | .0232327 | .0087967 | .0074699 | .032306  | .003281  | .001030    |
| %RSD   | 8.279487 | 1.821849 | .7594071 | 18.99502 | 25.02030 | 3.191569   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2610074 | .4851883 | .9853504 | -.183450 | -.010732 | -.032719 |
| #2 | .3062697 | .4731164 | .9901182 | -.193547 | -.011753 | -.031098 |
| #3 | .2745407 | .4902361 | .9754726 | -.133231 | -.016856 | -.033009 |

Sample Name: ICSAB      Acquired: 4/6/2017 15:29:48      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: ICSAB      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000367 | .0148777 | -.002404 | -.002002 | -.000402 | .0018378 |
| Stddev | .000781  | .0032186 | .000913  | .002115  | .000266  | .0006529 |
| %RSD   | 212.7729 | 21.63378 | 37.96475 | 105.6814 | 66.20122 | 35.52588 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.000388 | .0130055 | -.002488 | -.001254 | -.000097 | .0024845 |
| #2 | .000424  | .0130334 | -.003271 | -.004389 | -.000524 | .0018502 |
| #3 | -.001136 | .0185942 | -.001452 | -.000362 | -.000585 | .0011788 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0953707 |
| Stddev | .0014851 |
| %RSD   | 1.557232 |

|    |          |
|----|----------|
| #1 | .0960526 |
| #2 | .0936671 |
| #3 | .0963924 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1131.995 | 1967.372 | 34831.08 | 4060.841 | 3000.960 |
| Stddev    | 3.186    | 22.596   | 123.69   | 65.107   | 31.185   |
| %RSD      | .2814454 | 1.148525 | .3551197 | 1.603296 | 1.039175 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1135.026 | 1973.126 | 34940.43 | 4006.285 | 3008.670 |
| #2 | 1128.674 | 1942.456 | 34696.83 | 4132.915 | 2966.643 |
| #3 | 1132.286 | 1986.535 | 34856.00 | 4043.322 | 3027.567 |

Sample Name: CCV029      Acquired: 4/6/2017 15:33:45      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV029      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.249074 | 4.941743 | 24.40994 | 5.293070 | 5.320493 | 378.2777 | 9.851678 |
| Stddev | .030674  | .017920  | .04670   | .034098  | .011918  | 16.9846  | .445703  |
| %RSD   | .5843649 | .3626234 | .1913355 | .6442098 | .2240046 | 4.489994 | 4.524132 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.259199 | 4.951892 | 24.36577 | 5.312914 | 5.333150 | 389.2763 | 10.14054 |
| #2 | 5.273405 | 4.952285 | 24.40524 | 5.312598 | 5.318846 | 386.8408 | 10.07613 |
| #3 | 5.214618 | 4.921052 | 24.45882 | 5.253697 | 5.309485 | 358.7160 | 9.33837  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4858981 | 2.546914 | 370.6903 | 15.67193 | 2.517112 | 14.91084 | 385.8977 |
| Stddev | .0173328 | .009635  | 15.0261  | .35557   | .006725  | .68450   | 16.7617  |
| %RSD   | 3.567177 | .3783022 | 4.053537 | 2.268851 | .2671754 | 4.590626 | 4.343563 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4926192 | 2.536578 | 379.6878 | 15.34053 | 2.509597 | 15.35897 | 396.0157 |
| #2 | .4988639 | 2.548516 | 379.0394 | 16.04754 | 2.519176 | 15.25063 | 395.1277 |
| #3 | .4662113 | 2.555648 | 353.3438 | 15.62773 | 2.522563 | 14.12293 | 366.5498 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.50729 | 390.7785 | 2.527965 | 1.301616 | 378.9139 | 2.422474 | 15.88972 |
| Stddev | .59658   | 16.4800  | .005352  | .024241  | 15.9355  | .114366  | .29543   |
| %RSD   | 4.112297 | 4.217215 | .2117209 | 1.862369 | 4.205584 | 4.721046 | 1.859256 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 14.86276 | 401.7295 | 2.522238 | 1.280210 | 389.2333 | 2.495843 | 15.72373 |
| #2 | 14.84056 | 398.7806 | 2.528817 | 1.327939 | 386.9479 | 2.480881 | 16.23081 |
| #3 | 13.81853 | 371.8254 | 2.532840 | 1.296700 | 360.5605 | 2.290698 | 15.71461 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 151.1991 | 5.197040 | 4.759383 | 5.197469 | 5.271084 | 4.758680 | 5.044561 |
| Stddev | 6.7578   | .015266  | .173515  | .010047  | .010872  | .160758  | .007765  |
| %RSD   | 4.469503 | .2937424 | 3.645743 | .1933070 | .2062586 | 3.378212 | .1539227 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 155.6462 | 5.208570 | 4.844901 | 5.204032 | 5.268875 | 4.831292 | 5.037369 |
| #2 | 154.5285 | 5.202822 | 4.873539 | 5.202473 | 5.282891 | 4.870322 | 5.043521 |
| #3 | 143.4225 | 5.179728 | 4.559709 | 5.185903 | 5.261487 | 4.574425 | 5.052794 |

Sample Name: CCV029      Acquired: 4/6/2017 15:33:45      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV029      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.822083 | 5.334810 | 4.951464 |
| Stddev | .211896  | .258285  | .203790  |
| %RSD   | 4.394286 | 4.841510 | 4.115756 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 4.955514 | 5.507488 | 5.089237 |
| #2 | 4.932982 | 5.459061 | 5.047788 |
| #3 | 4.577753 | 5.037881 | 4.717367 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 963.3653 | 1744.858 | 31604.86 | 3802.850 | 2535.530 |
| Stddev    | 18.1656  | 7.139    | 491.19   | 148.297  | 3.500    |
| %RSD      | 1.885643 | .4091703 | 1.554145 | 3.899639 | .1380503 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 971.9908 | 1738.399 | 31929.68 | 3709.153 | 2531.620 |
| #2 | 942.4938 | 1743.651 | 31039.80 | 3725.570 | 2536.599 |
| #3 | 975.6113 | 1752.524 | 31845.11 | 3973.826 | 2538.371 |

Sample Name: CCB029      Acquired: 4/6/2017 15:37:43      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB029      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0020050 | .0011360 | -.000059 | -.000956 | -.000782 | .0052984 | -.001486 |
| Stddev | .0015047 | .0005062 | .001524  | .000361  | .001162  | .0044595 | .000421  |
| %RSD   | 75.04730 | 44.55707 | 2590.731 | 37.80177 | 148.5866 | 84.16594 | 28.34032 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0031192 | .0009887 | .001296  | -.000619 | .000300  | .0016645 | -.001198 |
| #2 | .0026025 | .0016995 | -.001709 | -.000910 | -.002010 | .0039559 | -.001291 |
| #3 | .0002933 | .0007198 | .000236  | -.001337 | -.000635 | .0102750 | -.001969 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000668 | .0000913 | .0061075 | -.000162 | .0000787 | .0006832 | .0075694 |
| Stddev | .0000907 | .0000406 | .0077987 | .000293  | .0001805 | .0008697 | .0036493 |
| %RSD   | 135.7249 | 44.51117 | 127.6899 | 180.9321 | 229.3544 | 127.2943 | 48.21038 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001715 | .0001229 | .0066569 | .000036  | -.000077 | .0003051 | .0033559 |
| #2 | .0000161 | .0001055 | .0136171 | -.000023 | .000277  | .0016780 | .0096322 |
| #3 | .0000128 | .0000455 | -.001951 | -.000499 | .000036  | .0000666 | .0097202 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000481 | .0232793 | .0002026 | .0002147 | -.045734 | .0004590 | .0062746 |
| Stddev | .000348  | .0153193 | .0000999 | .0004144 | .069514  | .0015474 | .0028569 |
| %RSD   | 72.37272 | 65.80637 | 49.28584 | 192.9961 | 151.9969 | 337.1446 | 45.53080 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000873 | .0135383 | .0001099 | .0005890 | -.050463 | -.000887 | .0033408 |
| #2 | -.000367 | .0409371 | .0001896 | -.000231 | -.112762 | .002150  | .0064352 |
| #3 | -.000205 | .0153626 | .0003083 | .000286  | .026024  | .000114  | .0090478 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.064952 | .0009979 | .0026369 | .0004413 | .0041518 | -.004030 | .0003040 |
| Stddev | .027436  | .0018278 | .0005404 | .0000820 | .0022990 | .000210  | .0004453 |
| %RSD   | 42.24052 | 183.1652 | 20.49487 | 18.58108 | 55.37455 | 5.213189 | 146.4676 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.090439 | -.000045 | .0032452 | .0005064 | .0015924 | -.004067 | -.000004 |
| #2 | -.068503 | .003108  | .0022121 | .0004682 | .0048211 | -.004219 | .000815  |
| #3 | -.035913 | -.000069 | .0024534 | .0003492 | .0060419 | -.003803 | .000102  |

Sample Name: CCB029      Acquired: 4/6/2017 15:37:43      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: CCB029      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0007149 | .0008585 | .0000713 |
| Stddev | .0001426 | .0002949 | .0000248 |
| %RSD   | 19.94068 | 34.34989 | 34.78902 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0007923 | .0005224 | .0000999 |
| #2 | .0008021 | .0010739 | .0000551 |
| #3 | .0005504 | .0009793 | .0000590 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1283.419 | 2274.175 | 39234.01 | 4152.520 | 3969.149 |
| Stddev    | 4.699    | 39.564   | 136.54   | 29.944   | 76.610   |
| %RSD      | .3661225 | 1.739717 | .3480044 | .7211103 | 1.930134 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1278.008 | 2228.580 | 39107.90 | 4125.510 | 3881.180 |
| #2 | 1286.470 | 2294.490 | 39215.13 | 4184.720 | 4005.067 |
| #3 | 1285.780 | 2299.455 | 39379.01 | 4147.330 | 4021.202 |

Sample Name: PB98056BL      Acquired: 4/6/2017 15:41:54      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: PBS002      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0017949 | .0009546 | .0004421 | -.003713 | -.000781 | .0039899 | -.001314 |
| Stddev | .0005462 | .0007382 | .0006727 | .001973  | .000361  | .0013697 | .000277  |
| %RSD   | 30.43115 | 77.32896 | 152.1450 | 53.14085 | 46.25088 | 34.33007 | 21.09351 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0023594 | .0015967 | .0005776 | -.004525 | -.000382 | .0053024 | -.001247 |
| #2 | .0017563 | .0001481 | .0010369 | -.001463 | -.000876 | .0025694 | -.001619 |
| #3 | .0012690 | .0011189 | -.000288 | -.005149 | -.001085 | .0040978 | -.001077 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000604 | .0000304 | -.001064 | -.000098 | -.000041 | .0011940 | .0052052 |
| Stddev | .0000317 | .0000741 | .006321  | .000579  | .000054  | .0022567 | .0020069 |
| %RSD   | 52.43641 | 243.7949 | 593.8361 | 592.7382 | 129.8563 | 189.0063 | 38.55681 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000863 | .0000428 | -.000843 | -.000305 | -.000056 | -.000680 | .0033427 |
| #2 | .0000251 | .0000975 | .005143  | .000556  | -.000085 | .003699  | .0049421 |
| #3 | .0000698 | -.000049 | -.007493 | -.000544 | .000018  | .000563  | .0073307 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000029 | -.001508 | .0002208 | .0001654 | -.072352 | -.001274 | .0070931 |
| Stddev | .000220  | .011980  | .0001507 | .0000960 | .085873  | .001034  | .0064421 |
| %RSD   | 754.8265 | 794.4984 | 68.23531 | 58.01380 | 118.6876 | 81.17911 | 90.82321 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000196 | .006837  | .0002293 | .0002360 | -.140658 | -.001394 | .0114547 |
| #2 | -.000112 | .003874  | .0000661 | .0002041 | -.100450 | -.002242 | -.000306 |
| #3 | .000221  | -.015235 | .0003670 | .0000561 | .024050  | -.000185 | .010131  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.076570 | .0001593 | -.000578 | .0002825 | .0055062 | -.003293 | -.000047 |
| Stddev | .024552  | .0009678 | .001041  | .0001200 | .0034922 | .001206  | .000478  |
| %RSD   | 32.06500 | 607.3805 | 180.0597 | 42.45838 | 63.42362 | 36.62761 | 1022.383 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.064189 | .0004330 | .000494  | .0004208 | .0020099 | -.003118 | .000477  |
| #2 | -.104848 | -.000916 | -.000643 | .0002061 | .0089944 | -.002184 | -.000157 |
| #3 | -.060674 | .000961  | -.001585 | .0002207 | .0055143 | -.004578 | -.000460 |

Sample Name: PB98056BL      Acquired: 4/6/2017 15:41:54      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: PBS002      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0007458 | -.000192 | .0000050 |
| Stddev | .0009614 | .000355  | .0000246 |
| %RSD   | 128.9058 | 184.9403 | 496.9055 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0003725 | -.000155 | -.000023 |
| #2 | .0018379 | .000143  | .000013  |
| #3 | .0000270 | -.000564 | .000024  |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1267.594 | 2210.135 | 38920.91 | 4262.200 | 3860.965 |
| Stddev    | 5.559    | 11.974   | 145.60   | 29.081   | 13.570   |
| %RSD      | .4385301 | .5417588 | .3740843 | .6822925 | .3514721 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1272.891 | 2221.914 | 39033.19 | 4237.590 | 3872.614 |
| #2 | 1261.806 | 2210.516 | 38756.40 | 4254.720 | 3864.215 |
| #3 | 1268.085 | 2197.976 | 38973.13 | 4294.290 | 3846.064 |

Sample Name: PB98056BS      Acquired: 4/6/2017 15:46:06      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: LCS002      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0197432 | .0496982 | .0181576 | .0659385 | .1185297 | .3858347 |
| Stddev | .0023002 | .0021749 | .0017788 | .0004852 | .0014736 | .0096035 |
| %RSD   | 11.65065 | 4.376128 | 9.796483 | .7358949 | 1.243261 | 2.489008 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0178611 | .0506528 | .0181943 | .0654387 | .1168406 | .3953214 |
| #2 | .0223072 | .0472093 | .0163607 | .0664078 | .1191957 | .3860642 |
| #3 | .0190612 | .0512326 | .0199177 | .0659690 | .1195527 | .3761186 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3858527 | .0095166 | .0093779 | 9.469112 | .0222556 | .0922215 |
| Stddev | .0016091 | .0000185 | .0001595 | .052212  | .0004759 | .0008864 |
| %RSD   | .4170160 | .1945813 | 1.701006 | .5513912 | 2.138151 | .9612012 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3846610 | .0094955 | .0095499 | 9.412048 | .0222266 | .0922872 |
| #2 | .3876830 | .0095244 | .0092348 | 9.514492 | .0227454 | .0913040 |
| #3 | .3852140 | .0095300 | .0093491 | 9.480797 | .0217950 | .0930733 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0499975 | .1422803 | .0308869 | 9.664437 | .0764685 | .0186724 |
| Stddev | .0014838 | .0046247 | .0001226 | .117574  | .0010075 | .0001192 |
| %RSD   | 2.967794 | 3.250443 | .3968081 | 1.216559 | 1.317536 | .6380916 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0484885 | .1370480 | .0310283 | 9.528865 | .0769468 | .0187288 |
| #2 | .0514548 | .1439712 | .0308211 | 9.738452 | .0753109 | .0187529 |
| #3 | .0500494 | .1458215 | .0308113 | 9.725993 | .0771476 | .0185356 |

|        |          |          |          |          |            |            |
|--------|----------|----------|----------|----------|------------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm        |
| Avg    | 9.935894 | .1042251 | .1276602 | 9.076416 | F .0298112 | F .0196016 |
| Stddev | .103626  | .0014673 | .0014451 | .039859  | .0015107   | .0004402   |
| %RSD   | 1.042948 | 1.407858 | 1.131962 | .4391444 | 5.067635   | 2.245747   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.838275 | .1059149 | .1264440 | 9.032222 | .0305424 | .0198826 |
| #2 | 9.924777 | .1034877 | .1292577 | 9.109643 | .0308171 | .0190943 |
| #3 | 10.04463 | .1032727 | .1272789 | 9.087382 | .0280740 | .0198280 |

Sample Name: PB98056BS      Acquired: 4/6/2017 15:46:06      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: LCS002      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899     | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .0223833 | .1663165 | .1795216 | F .0154939 | .1956113 | .0973478 |
| Stddev | .0004543 | .0027792 | .0020677 | .0013143   | .0010447 | .0006139 |
| %RSD   | 2.029449 | 1.671027 | 1.151784 | 8.482329   | .5340856 | .6306032 |
|        |          |          |          |            |          |          |
| #1     | .0218721 | .1683789 | .1779331 | .0151292   | .1944679 | .0966972 |
| #2     | .0225371 | .1631560 | .1787722 | .0144006   | .1958500 | .0974295 |
| #3     | .0227407 | .1674145 | .1818595 | .0169520   | .1965160 | .0979167 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .2033364 |
| Stddev | .0013552 |
| %RSD   | .6664970 |
|        |          |
| #1     | .2018789 |
| #2     | .2045586 |
| #3     | .2035718 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1214.906 | 2132.345 | 38024.10 | 4161.612 | 3671.160 |
| Stddev    | 10.641   | 18.347   | 193.58   | 30.521   | 33.914   |
| %RSD      | .8758792 | .8604240 | .5090942 | .7334032 | .9237952 |
|           |          |          |          |          |          |
| #1        | 1211.216 | 2124.821 | 38015.49 | 4196.786 | 3667.673 |
| #2        | 1206.602 | 2153.258 | 37834.96 | 4142.123 | 3706.683 |
| #3        | 1226.901 | 2118.956 | 38221.83 | 4145.927 | 3639.124 |

Sample Name: I2454-01      Acquired: 4/6/2017 15:50:15      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MH0F21      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3419888 | -.004619 | 1.301873 | -.011216 | .0138078 | 66.90176 | 1.781966 |
| Stddev | .0047076 | .002131  | .012169  | .002773  | .0002763 | .41160   | .013494  |
| %RSD   | 1.376548 | 46.14160 | .9347156 | 24.72411 | 2.000712 | .6152282 | .7572267 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .3396764 | -.007080 | 1.290173 | -.011234 | .0140750 | 67.33670 | 1.796295 |
| #2 | .3474055 | -.003365 | 1.314462 | -.008433 | .0135233 | 66.51836 | 1.769502 |
| #3 | .3388845 | -.003412 | 1.300984 | -.013979 | .0138251 | 66.85023 | 1.780101 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0073758 | .0457600 | 648.6937 | .0943969 | .0555418 | .4066186 | 127.4207 |
| Stddev | .0000318 | .0004287 | 2.2949   | .0010727 | .0001323 | .0036489 | .5928    |
| %RSD   | .4313944 | .9369324 | .3537786 | 1.136349 | .2381192 | .8973695 | .4652401 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0073591 | .0454248 | 649.9207 | .0947823 | .0556930 | .4105241 | 127.7279 |
| #2 | .0074125 | .0462431 | 646.0461 | .0952237 | .0554847 | .4032968 | 126.7373 |
| #3 | .0073558 | .0456121 | 650.1144 | .0931848 | .0554476 | .4060347 | 127.7968 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.370472 | 64.12024 | .1093995 | -.004410 | 1.223078 | .3590740 | 3.180129 |
| Stddev | .014328  | .22932   | .0006260 | .000538  | .096886  | .0009614 | .025593  |
| %RSD   | .6044332 | .3576409 | .5722647 | 12.19954 | 7.921487 | .2677517 | .8047785 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.367968 | 64.31342 | .1090916 | -.004892 | 1.332912 | .3588337 | 3.193944 |
| #2 | 2.357561 | 63.86681 | .1101198 | -.004509 | 1.186579 | .3601327 | 3.150597 |
| #3 | 2.385887 | 64.18049 | .1089870 | -.003830 | 1.149743 | .3582554 | 3.195845 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 15.03534 | 5.005842 | -.007659 | .0027711 | 3.309211 | 1.626556 | .0036827 |
| Stddev | .16013   | .026656  | .001281  | .0002035 | .023709  | .010129  | .0011744 |
| %RSD   | 1.065012 | .5324908 | 16.72599 | 7.343218 | .7164437 | .6227355 | 31.88995 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 15.18752 | 4.980067 | -.006763 | .0029899 | 3.288036 | 1.614892 | .0049928 |
| #2 | 14.86830 | 5.033299 | -.007088 | .0027359 | 3.334826 | 1.631642 | .0027242 |
| #3 | 15.05021 | 5.004161 | -.009127 | .0025875 | 3.304771 | 1.633134 | .0033312 |

Sample Name: I2454-01      Acquired: 4/6/2017 15:50:15      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MH0F21      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.551515 | .1066008 | 1.197108 |
| Stddev | .011815  | .0013180 | .008474  |
| %RSD   | .7614933 | 1.236400 | .7079085 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 1.561290 | .1073002 | 1.205715 |
| #2 | 1.538386 | .1050805 | 1.188773 |
| #3 | 1.554868 | .1074217 | 1.196835 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1221.411 | 2122.307 | 38094.64 | 4600.562 | 2834.512 |
| Stddev    | 2.465    | 12.886   | 129.12   | 26.396   | 20.575   |
| %RSD      | .2018013 | .6071721 | .3389346 | .5737597 | .7258709 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1220.875 | 2133.596 | 38206.14 | 4604.009 | 2848.958 |
| #2 | 1224.100 | 2108.268 | 37953.18 | 4625.065 | 2810.955 |
| #3 | 1219.259 | 2125.058 | 38124.61 | 4572.611 | 2843.624 |

Sample Name: I2454-02      Acquired: 4/6/2017 15:54:17      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MH0F21D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3445577 | -.004409 | 1.303503 | -.010672 | .0134134 | 67.95625 | 1.807528 |
| Stddev | .0069088 | .004505  | .012029  | .000411  | .0024884 | .33875   | .010164  |
| %RSD   | 2.005112 | 102.1843 | .9228463 | 3.850919 | 18.55129 | .4984881 | .5623401 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .3500267 | -.004604 | 1.311207 | -.011139 | .0154567 | 68.22601 | 1.816155 |
| #2 | .3468530 | .000191  | 1.309660 | -.010364 | .0106423 | 67.57606 | 1.796323 |
| #3 | .3367934 | -.008814 | 1.289641 | -.010513 | .0141412 | 68.06667 | 1.810107 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0073576 | .0454615 | 657.4741 | .0940431 | .0556782 | .4131219 | 129.3847 |
| Stddev | .0001075 | .0005397 | 3.3486   | .0005874 | .0004719 | .0010674 | .5824    |
| %RSD   | 1.461591 | 1.187100 | .5093169 | .6245639 | .8475717 | .2583724 | .4501241 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0073106 | .0460052 | 661.1629 | .0944397 | .0560975 | .4136448 | 130.0409 |
| #2 | .0074806 | .0454535 | 654.6259 | .0933683 | .0557700 | .4118939 | 128.9294 |
| #3 | .0072815 | .0449259 | 656.6335 | .0943212 | .0551671 | .4138270 | 129.1836 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.416266 | 65.28821 | .1081042 | -.004425 | 1.210879 | .3656826 | 3.187199 |
| Stddev | .011291  | .31096   | .0013313 | .000560  | .099692  | .0037347 | .023674  |
| %RSD   | .4672968 | .4762840 | 1.231531 | 12.65481 | 8.233017 | 1.021305 | .7427721 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.427977 | 65.63822 | .1094368 | -.005070 | 1.095913 | .3699783 | 3.177635 |
| #2 | 2.405448 | 65.04382 | .1081015 | -.004140 | 1.273416 | .3632054 | 3.214159 |
| #3 | 2.415375 | 65.18260 | .1067741 | -.004065 | 1.263308 | .3638641 | 3.169804 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 15.23694 | 5.005207 | -.006214 | .0028729 | 3.287260 | 1.650784 | .0031142 |
| Stddev | .09907   | .050902  | .001255  | .0002814 | .025751  | .017119  | .0007147 |
| %RSD   | .6502221 | 1.016981 | 20.19286 | 9.795469 | .7833545 | 1.036999 | 22.94961 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 15.30065 | 5.048281 | -.004986 | .0026531 | 3.312740 | 1.669308 | .0038145 |
| #2 | 15.12280 | 5.018303 | -.006161 | .0031901 | 3.287795 | 1.647496 | .0031422 |
| #3 | 15.28738 | 4.949036 | -.007494 | .0027756 | 3.261246 | 1.635548 | .0023860 |

Sample Name: I2454-02      Acquired: 4/6/2017 15:54:17      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MH0F21D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.578338 | .1089214 | 1.214558 |
| Stddev | .010326  | .0010779 | .004653  |
| %RSD   | .6542416 | .9895989 | .3831260 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 1.587890 | .1088587 | 1.218380 |
| #2 | 1.567382 | .1078762 | 1.209376 |
| #3 | 1.579743 | .1100292 | 1.215917 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1213.093 | 2117.039 | 37798.59 | 4514.383 | 2825.895 |
| Stddev    | 2.051    | 14.515   | 141.08   | 23.262   | 24.353   |
| %RSD      | .1691131 | .6856441 | .3732528 | .5152880 | .8617865 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1213.924 | 2106.913 | 37645.84 | 4487.530 | 2805.858 |
| #2 | 1210.756 | 2110.536 | 37924.00 | 4528.356 | 2818.826 |
| #3 | 1214.598 | 2133.669 | 37825.93 | 4527.264 | 2853.000 |

Sample Name: I2454-03      Acquired: 4/6/2017 15:58:20      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MH0F21S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4255294 | .0868186 | 1.406777 | .0765967 | .1929743 | 73.45752 | 5.226681 |
| Stddev | .0072477 | .0030093 | .008713  | .0013524 | .0029771 | .55139   | .044758  |
| %RSD   | 1.703226 | 3.466198 | .6193347 | 1.765652 | 1.542733 | .7506209 | .8563320 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4183098 | .0836342 | 1.397432 | .0773516 | .1952474 | 72.91386 | 5.188231 |
| #2 | .4328049 | .0872066 | 1.414677 | .0774032 | .1940710 | 73.44238 | 5.216000 |
| #3 | .4254736 | .0896151 | 1.408222 | .0750353 | .1896044 | 74.01633 | 5.275814 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0888429 | .1416216 | 676.4553 | .4414611 | 1.018658 | .8427167 | 134.6462 |
| Stddev | .0005444 | .0006048 | 2.4225   | .0006329 | .007950  | .0053474 | .3060    |
| %RSD   | .6127627 | .4270259 | .3581131 | .1433575 | .7804243 | .6345476 | .2272981 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0882577 | .1409430 | 673.9615 | .4417359 | 1.010040 | .8400698 | 134.3208 |
| #2 | .0893344 | .1421036 | 676.6047 | .4419101 | 1.025705 | .8392089 | 134.6895 |
| #3 | .0889365 | .1418182 | 678.7996 | .4407372 | 1.020231 | .8488713 | 134.9283 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.291991 | 66.96649 | 1.083176 | .0752131 | 1.148345 | 1.226030 | 4.181182 |
| Stddev | .011129  | .21943   | .008351  | .0007661 | .153026  | .005588  | .027497  |
| %RSD   | .3380671 | .3276720 | .7709862 | 1.018645 | 13.32581 | .4557802 | .6576476 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.279511 | 66.73275 | 1.074265 | .0755538 | 1.313902 | 1.220465 | 4.165233 |
| #2 | 3.300885 | 66.99867 | 1.090823 | .0757498 | 1.012085 | 1.225984 | 4.212933 |
| #3 | 3.295578 | 67.16805 | 1.084440 | .0743357 | 1.119048 | 1.231641 | 4.165380 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 15.85893 | 5.277228 | -.010221 | .0021963 | 3.465337 | 2.179787 | .0032210 |
| Stddev | .15659   | .041948  | .001192  | .0000650 | .027037  | .013201  | .0010295 |
| %RSD   | .9874019 | .7948910 | 11.66369 | 2.960508 | .7802101 | .6056264 | 31.96373 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 15.73901 | 5.228825 | -.008927 | .0022705 | 3.442542 | 2.165957 | .0021784 |
| #2 | 15.80170 | 5.303027 | -.011275 | .0021492 | 3.495208 | 2.192254 | .0032475 |
| #3 | 16.03609 | 5.299831 | -.010460 | .0021692 | 3.458259 | 2.181151 | .0042369 |

Sample Name: I2454-03      Acquired: 4/6/2017 15:58:20      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MH0F21S      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.627420 | .1131006 | 1.251686 |
| Stddev | .016567  | .0007608 | .008283  |
| %RSD   | 1.017998 | .6726410 | .6617309 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 1.612577 | .1125836 | 1.244296 |
| #2 | 1.624388 | .1127441 | 1.250123 |
| #3 | 1.645293 | .1139741 | 1.260639 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1212.545 | 2111.103 | 37974.28 | 4579.436 | 2793.443 |
| Stddev    | 2.903    | 10.032   | 99.48    | 19.828   | 16.366   |
| %RSD      | .2394133 | .4752036 | .2619627 | .4329852 | .5858690 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1211.588 | 2119.923 | 37859.83 | 4601.429 | 2810.043 |
| #2 | 1215.805 | 2100.189 | 38023.00 | 4562.926 | 2777.321 |
| #3 | 1210.241 | 2113.197 | 38040.01 | 4573.952 | 2792.965 |

Sample Name: I2454-01LX5      Acquired: 4/6/2017 16:02:18      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MH0F21L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0780148 | -.001127 | .2632732 | -.007394 | .0026211 | 14.27920 | .3881684 |
| Stddev | .0021327 | .000710  | .0009037 | .000862  | .0010023 | .12999   | .0033872 |
| %RSD   | 2.733744 | 63.03391 | .3432710 | 11.66436 | 38.23959 | .9103197 | .8726054 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0802082 | -.000342 | .2638630 | -.007836 | .0031810 | 14.19287 | .3866494 |
| #2 | .0778879 | -.001314 | .2637238 | -.007945 | .0014639 | 14.21602 | .3858066 |
| #3 | .0759484 | -.001725 | .2622327 | -.006400 | .0032183 | 14.42870 | .3920492 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0016213 | .0089338 | 141.9777 | .0218723 | .0103739 | .0898271 | 26.66349 |
| Stddev | .0000789 | .0000663 | 1.6943   | .0005198 | .0002309 | .0017170 | .28866   |
| %RSD   | 4.869615 | .7424297 | 1.193387 | 2.376726 | 2.225270 | 1.911500 | 1.082620 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0017009 | .0089342 | 141.4630 | .0224530 | .0106280 | .0917951 | 26.55839 |
| #2 | .0016201 | .0090000 | 140.6004 | .0214503 | .0103166 | .0886345 | 26.44210 |
| #3 | .0015430 | .0088673 | 143.8697 | .0217137 | .0101771 | .0890517 | 26.98998 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5484896 | 14.11192 | .0212603 | -.000858 | .1914249 | .0816913 | .6886723 |
| Stddev | .0068419 | .12905   | .0001229 | .000141  | .0487244 | .0032282 | .0208016 |
| %RSD   | 1.247408 | .9144872 | .5781748 | 16.47491 | 25.45352 | 3.951654 | 3.020535 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5459852 | 14.05886 | .0213779 | -.000779 | .2273788 | .0787872 | .6722067 |
| #2 | .5432527 | 14.01785 | .0212702 | -.001021 | .2109251 | .0811197 | .6817603 |
| #3 | .5562308 | 14.25904 | .0211326 | -.000773 | .1359706 | .0851671 | .7120501 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.107375 | .9130557 | -.003529 | .0004383 | .6017796 | .3699446 | -.001536 |
| Stddev | .051767  | .0049419 | .000654  | .0001743 | .0008790 | .0059327 | .000484  |
| %RSD   | 1.665946 | .5412429 | 18.54260 | 39.75752 | .1460615 | 1.603659 | 31.49473 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.078139 | .9185533 | -.004260 | .0006395 | .6022149 | .3637653 | -.000996 |
| #2 | 3.076839 | .9089824 | -.002997 | .0003375 | .6007679 | .3704732 | -.001682 |
| #3 | 3.167146 | .9116314 | -.003330 | .0003379 | .6023559 | .3755952 | -.001930 |

Sample Name: I2454-01LX5      Acquired: 4/6/2017 16:02:18      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MH0F21L      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .3467249 | .0223202 | .2659426 |
| Stddev | .0034692 | .0005125 | .0023909 |
| %RSD   | 1.000556 | 2.296169 | .8990271 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .3456092 | .0218242 | .2656033 |
| #2 | .3439508 | .0228478 | .2637394 |
| #3 | .3506146 | .0222886 | .2684850 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1214.154 | 2110.023 | 37466.19 | 4319.990 | 3358.185 |
| Stddev    | 15.071   | 10.765   | 478.33   | 30.355   | 11.456   |
| %RSD      | 1.241253 | .5101891 | 1.276703 | .7026725 | .3411454 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1224.454 | 2097.751 | 37757.96 | 4329.816 | 3347.604 |
| #2 | 1221.151 | 2117.874 | 37726.45 | 4344.215 | 3370.351 |
| #3 | 1196.857 | 2114.443 | 36914.16 | 4285.938 | 3356.599 |

Sample Name: I2454-04      Acquired: 4/6/2017 16:06:24      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MH0F44      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1909782 | -.007026 | .5886871 | -.015915 | .0106465 | 107.5548 | 1.213090 |
| Stddev | .0049638 | .004239  | .0034157 | .002593  | .0023978 | .8092    | .009124  |
| %RSD   | 2.599127 | 60.33127 | .5802261 | 16.28957 | 22.52179 | .7523397 | .7521357 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1945630 | -.002219 | .5866242 | -.018131 | .0133579 | 106.6207 | 1.202624 |
| #2 | .1853127 | -.008631 | .5868073 | -.016551 | .0088055 | 108.0376 | 1.217276 |
| #3 | .1930588 | -.010228 | .5926299 | -.013064 | .0097760 | 108.0063 | 1.219370 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0120474 | .0231960 | 329.8944 | .1583746 | .0856363 | .3243628 | 205.9524 |
| Stddev | .0000581 | .0003316 | 1.8703   | .0010826 | .0004824 | .0022025 | .8436    |
| %RSD   | .4818327 | 1.429484 | .5669403 | .6835960 | .5633721 | .6790132 | .4096223 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0120835 | .0229895 | 327.7358 | .1593319 | .0854123 | .3224355 | 205.0219 |
| #2 | .0119804 | .0230200 | 330.9149 | .1585921 | .0853066 | .3267635 | 206.6674 |
| #3 | .0120783 | .0235785 | 331.0324 | .1571997 | .0861901 | .3238894 | 206.1679 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.278875 | 71.06440 | .1767229 | -.013015 | 1.698656 | .5011052 | 1.100138 |
| Stddev | .009173  | .31449   | .0018054 | .000269  | .044839  | .0019188 | .010427  |
| %RSD   | .2797687 | .4425409 | 1.021584 | 2.067490 | 2.639655 | .3829058 | .9477603 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.269781 | 70.72588 | .1760719 | -.013240 | 1.723913 | .4988897 | 1.088100 |
| #2 | 3.288126 | 71.34748 | .1753334 | -.013090 | 1.725170 | .5022302 | 1.106275 |
| #3 | 3.278719 | 71.11984 | .1787635 | -.012717 | 1.646886 | .5021959 | 1.106041 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 21.94859 | 6.617728 | -.038432 | .0016443 | 1.988726 | 2.181468 | .0040579 |
| Stddev | .13941   | .046912  | .000125  | .0003782 | .009323  | .006520  | .0032298 |
| %RSD   | .6351452 | .7088869 | .3250522 | 23.00034 | .4687730 | .2988979 | 79.59279 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 21.79077 | 6.587075 | -.038550 | .0013236 | 1.990913 | 2.173939 | .0077318 |
| #2 | 22.00006 | 6.594376 | -.038445 | .0020613 | 1.978504 | 2.185238 | .0016652 |
| #3 | 22.05495 | 6.671734 | -.038301 | .0015479 | 1.996760 | 2.185226 | .0027769 |

Sample Name: I2454-04      Acquired: 4/6/2017 16:06:24      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MH0F44      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 2.181211 | .1387854 | .5639859 |
| Stddev | .013136  | .0018256 | .0034788 |
| %RSD   | .6022127 | 1.315421 | .6168313 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 2.166120 | .1370658 | .5599909 |
| #2 | 2.187445 | .1407012 | .5663471 |
| #3 | 2.190069 | .1385893 | .5656197 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1332.545 | 2329.157 | 41695.04 | 4950.079 | 2938.837 |
| Stddev    | 5.032    | 16.637   | 140.99   | 8.674    | 14.661   |
| %RSD      | .3776267 | .7142960 | .3381482 | .1752212 | .4988792 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1332.960 | 2335.999 | 41689.82 | 4957.787 | 2944.600 |
| #2 | 1327.318 | 2341.281 | 41556.74 | 4940.687 | 2949.741 |
| #3 | 1337.357 | 2310.189 | 41838.57 | 4951.763 | 2922.170 |

Sample Name: I2454-05      Acquired: 4/6/2017 16:10:24      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MH0F45      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1162634 | -.007257 | .3831869 | -.010837 | .0066356 | 51.89457 |
| Stddev | .0058660 | .001294  | .0007331 | .000821  | .0025129 | .47087   |
| %RSD   | 5.045450 | 17.83486 | .1913236 | 7.579277 | 37.86988 | .9073633 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1191968 | -.007674 | .3833638 | -.010010 | .0093764 | 51.60830 |
| #2 | .1095093 | -.008292 | .3823815 | -.010850 | .0044402 | 52.43803 |
| #3 | .1200841 | -.005806 | .3838154 | -.011652 | .0060901 | 51.63738 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | 2.099235 | .0091568 | .0141482 | F 1483.018 | .0660591 | .0310677 |
| Stddev | .019511  | .0002426 | .0001048 | 15.954     | .0026693 | .0001811 |
| %RSD   | .9294428 | 2.648986 | .7404322 | 1.075779   | 4.040772 | .5828376 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.093946 | .0090225 | .0142690 | 1473.564 | .0645498 | .0309330 |
| #2 | 2.120846 | .0094368 | .0140921 | 1501.438 | .0691411 | .0309965 |
| #3 | 2.082914 | .0090111 | .0140834 | 1474.052 | .0644864 | .0312735 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1770534 | 78.40937 | .6825036 | 65.42979 | .0575138 | -.006281 |
| Stddev | .0022121 | 1.12899  | .0082634 | .80934   | .0004995 | .000503  |
| %RSD   | 1.249401 | 1.439861 | 1.210754 | 1.236952 | .8684308 | 8.004436 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1756756 | 77.57267 | .6784248 | 64.78534 | .0578926 | -.006056 |
| #2 | .1796050 | 79.69349 | .6920134 | 66.33813 | .0569478 | -.006857 |
| #3 | .1758795 | 77.96195 | .6770726 | 65.16589 | .0577009 | -.005930 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.142956 | .2664690 | .9312943 | 8.985754 | 4.567435 | .0169134 |
| Stddev | .140513  | .0009014 | .0272016 | .083621  | .012106  | .0005312 |
| %RSD   | 12.29387 | .3382634 | 2.920840 | .9305975 | .2650451 | 3.140940 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.112594 | .2656096 | .9242234 | 8.934892 | 4.567078 | .0173024 |
| #2 | 1.296168 | .2674071 | .9613332 | 9.082265 | 4.579715 | .0163081 |
| #3 | 1.020106 | .2663904 | .9083264 | 8.940107 | 4.555511 | .0171297 |

Sample Name: I2454-05      Acquired: 4/6/2017 16:10:24      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MH0F45      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0009027 | 3.908316 | 1.532383 | .0022061 | 1.023533 | .1031444 |
| Stddev | .0003655 | .019674  | .026465  | .0020132 | .010240  | .0012208 |
| %RSD   | 40.49052 | .5033823 | 1.727039 | 91.25600 | 1.000427 | 1.183562 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0007199 | 3.930655 | 1.520486 | -.000118 | 1.017617 | .1023062 |
| #2 | .0013236 | 3.900719 | 1.562708 | .003315  | 1.035357 | .1045450 |
| #3 | .0006647 | 3.893573 | 1.513954 | .003420  | 1.017624 | .1025820 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 2.584405 |
| Stddev | .025773  |
| %RSD   | .9972676 |

|    |          |
|----|----------|
| #1 | 2.568875 |
| #2 | 2.614156 |
| #3 | 2.570184 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1148.530 | 2023.512 | 35740.65 | 4436.929 | 2550.335 |
| Stddev    | 30.601   | 8.253    | 1085.86  | 53.534   | 7.889    |
| %RSD      | 2.664393 | .4078693 | 3.038152 | 1.206556 | .3093363 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1161.042 | 2021.593 | 36161.00 | 4476.435 | 2550.325 |
| #2 | 1113.656 | 2016.387 | 34507.46 | 4376.002 | 2542.450 |
| #3 | 1170.893 | 2032.556 | 36553.49 | 4458.352 | 2558.228 |

Sample Name: I2454-06      Acquired: 4/6/2017 16:14:33      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MH0F46      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3293307 | -.011296 | 1.191060 | -.014234 | .0107808 | 107.8529 | 2.451196 |
| Stddev | .0018767 | .003677  | .001531  | .001166  | .0009182 | .4144    | .009961  |
| %RSD   | .5698520 | 32.54970 | .1285129 | 8.194325 | 8.517266 | .3842234 | .4063603 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .3314795 | -.007084 | 1.192736 | -.013915 | .0100189 | 107.3781 | 2.440386 |
| #2 | .3284997 | -.012940 | 1.189736 | -.013261 | .0118003 | 108.0391 | 2.453198 |
| #3 | .3280130 | -.013863 | 1.190707 | -.015527 | .0105230 | 108.1416 | 2.460003 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0123094 | .0353516 | 766.8325 | .1273519 | .0673356 | .3658484 | 135.8649 |
| Stddev | .0000736 | .0001845 | 1.5609   | .0003452 | .0001727 | .0029994 | .7050    |
| %RSD   | .5978385 | .5218685 | .2035473 | .2710332 | .2565433 | .8198444 | .5188696 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0122649 | .0352731 | 765.5042 | .1276481 | .0674199 | .3623889 | 135.4562 |
| #2 | .0123943 | .0355623 | 768.5517 | .1274349 | .0671369 | .3677198 | 136.6789 |
| #3 | .0122690 | .0352193 | 766.4416 | .1269729 | .0674500 | .3674366 | 135.4595 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.354871 | 87.05041 | .1517770 | -.006929 | 1.683136 | .3911330 | .9378855 |
| Stddev | .012356  | .34607   | .0009886 | .000081  | .079109  | .0015805 | .0059839 |
| %RSD   | .5247030 | .3975460 | .6513769 | 1.168571 | 4.700107 | .4040906 | .6380165 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.344987 | 86.72907 | .1512338 | -.007013 | 1.592656 | .3902602 | .9403973 |
| #2 | 2.368724 | 87.41679 | .1529181 | -.006852 | 1.717505 | .3929574 | .9310552 |
| #3 | 2.350902 | 87.00538 | .1511791 | -.006922 | 1.739249 | .3901812 | .9422041 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 18.83129 | 5.953400 | .0102925 | .0029775 | 3.896352 | 2.405756 | .0108149 |
| Stddev | .09905   | .020797  | .0007687 | .0001221 | .019768  | .017882  | .0014374 |
| %RSD   | .5259991 | .3493349 | 7.468813 | 4.101072 | .5073544 | .7433065 | 13.29109 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 18.71696 | 5.929983 | .0094456 | .0028909 | 3.916605 | 2.395091 | .0096927 |
| #2 | 18.88572 | 5.969721 | .0104855 | .0031172 | 3.895345 | 2.426401 | .0124351 |
| #3 | 18.89119 | 5.960494 | .0109463 | .0029244 | 3.877107 | 2.395776 | .0103171 |

Sample Name: I2454-06      Acquired: 4/6/2017 16:14:33      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MH0F46      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.929977 | .1569369 | 1.352277 |
| Stddev | .006787  | .0007797 | .004905  |
| %RSD   | .3516444 | .4968487 | .3627487 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 1.925326 | .1561902 | 1.346947 |
| #2 | 1.937765 | .1568745 | 1.353283 |
| #3 | 1.926841 | .1577459 | 1.356602 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1268.414 | 2206.337 | 39447.18 | 4724.235 | 2693.251 |
| Stddev    | 7.368    | 10.551   | 126.07   | 14.063   | 7.498    |
| %RSD      | .5809133 | .4782118 | .3195820 | .2976812 | .2784160 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1271.014 | 2194.155 | 39408.12 | 4740.255 | 2684.753 |
| #2 | 1260.098 | 2212.276 | 39345.26 | 4713.924 | 2696.063 |
| #3 | 1274.130 | 2212.581 | 39588.15 | 4718.527 | 2698.936 |

Sample Name: I2454-07      Acquired: 4/6/2017 16:18:33      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MH0F60      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2491982 | -.002294 | 4.918388 | -.009601 | .0196048 | 92.06731 | 1.595432 |
| Stddev | .0067518 | .001377  | .031361  | .001056  | .0015231 | 1.36950  | .021340  |
| %RSD   | 2.709405 | 60.03523 | .6376229 | 10.99397 | 7.768789 | 1.487498 | 1.337557 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2507282 | -.001880 | 4.890308 | -.008926 | .0182245 | 90.58789 | 1.573042 |
| #2 | .2550536 | -.003831 | 4.912626 | -.010818 | .0193512 | 92.32328 | 1.597716 |
| #3 | .2418126 | -.001171 | 4.952231 | -.009060 | .0212388 | 93.29077 | 1.615538 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0116405 | .1607641 | 420.0987 | .1001825 | .0675122 | .9000607 | 129.7963 |
| Stddev | .0001783 | .0006627 | 6.3868   | .0009811 | .0003382 | .0109597 | 2.4003   |
| %RSD   | 1.531664 | .4122017 | 1.520320 | .9792931 | .5009631 | 1.217660 | 1.849273 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0114662 | .1600020 | 413.0023 | .0995224 | .0671379 | .8884284 | 127.1346 |
| #2 | .0116326 | .1610857 | 421.9082 | .0997152 | .0677958 | .9015606 | 130.4578 |
| #3 | .0118226 | .1612046 | 425.3855 | .1013099 | .0676029 | .9101932 | 131.7964 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.861469 | 63.24779 | .1345864 | .0088614 | 1.411192 | .2810616 | 5.078807 |
| Stddev | .049640  | 1.21982  | .0003115 | .0004132 | .032570  | .0059300 | .085694  |
| %RSD   | 1.734766 | 1.928631 | .2314322 | 4.662765 | 2.307976 | 2.109856 | 1.687295 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.809123 | 61.89050 | .1345432 | .0084954 | 1.417217 | .2742342 | 5.000007 |
| #2 | 2.867420 | 63.60041 | .1342988 | .0087793 | 1.376030 | .2840227 | 5.066378 |
| #3 | 2.907866 | 64.25244 | .1349172 | .0093094 | 1.440329 | .2849278 | 5.170038 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 23.31309 | 6.950106 | .0047588 | .0029120 | 5.422108 | 2.394357 | .0241447 |
| Stddev | .36919   | .044891  | .0013564 | .0004773 | .028551  | .033094  | .0017233 |
| %RSD   | 1.583608 | .6458971 | 28.50419 | 16.39255 | .5265657 | 1.382163 | 7.137436 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 22.91065 | 6.900563 | .0047639 | .0032643 | 5.390612 | 2.359956 | .0221763 |
| #2 | 23.39250 | 6.961675 | .0061126 | .0031029 | 5.429423 | 2.397147 | .0248758 |
| #3 | 23.63610 | 6.988079 | .0033998 | .0023687 | 5.446290 | 2.425968 | .0253819 |

Sample Name: I2454-07      Acquired: 4/6/2017 16:18:33      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MH0F60      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.716253 | .1169841 | .8445779 |
| Stddev | .028029  | .0023233 | .0126899 |
| %RSD   | 1.633123 | 1.985995 | 1.502507 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 1.686210 | .1144870 | .8309609 |
| #2 | 1.720851 | .1173835 | .8466997 |
| #3 | 1.741698 | .1190819 | .8560731 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1282.861 | 2263.094 | 40153.45 | 4848.050 | 2881.790 |
| Stddev    | 7.431    | 14.081   | 59.79    | 53.859   | 18.380   |
| %RSD      | .5792192 | .6222087 | .1489099 | 1.110949 | .6378109 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1285.426 | 2279.340 | 40190.63 | 4905.903 | 2902.763 |
| #2 | 1288.669 | 2255.542 | 40185.23 | 4838.886 | 2874.117 |
| #3 | 1274.488 | 2254.400 | 40084.47 | 4799.360 | 2868.489 |

Sample Name: I2454-08      Acquired: 4/6/2017 16:22:32      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MH0F62      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3498979 | -.003791 | 4.251807 | -.008923 | .0224158 | 89.61105 | 1.828485 |
| Stddev | .0073555 | .002541  | .031368  | .003783  | .0008787 | .35013   | .003979  |
| %RSD   | 2.102200 | 67.01675 | .7377459 | 42.40091 | 3.919770 | .3907185 | .2176351 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .3487767 | -.001939 | 4.233796 | -.005741 | .0233314 | 89.20901 | 1.824907 |
| #2 | .3577496 | -.002746 | 4.288027 | -.007921 | .0215794 | 89.84895 | 1.832771 |
| #3 | .3431673 | -.006688 | 4.233597 | -.013106 | .0223366 | 89.77520 | 1.827777 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0118287 | .1386237 | 320.9104 | .1168554 | .0717532 | .8626627 | 163.0616 |
| Stddev | .0001121 | .0010841 | 1.4362   | .0017171 | .0007122 | .0022292 | 1.0562   |
| %RSD   | .9475957 | .7820413 | .4475371 | 1.469422 | .9925253 | .2584118 | .6477062 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0116999 | .1386640 | 319.2520 | .1156389 | .0717127 | .8636565 | 161.8423 |
| #2 | .0119042 | .1396870 | 321.7374 | .1188196 | .0724848 | .8642222 | 163.6930 |
| #3 | .0118819 | .1375199 | 321.7418 | .1161077 | .0710622 | .8601094 | 163.6496 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.203142 | 51.36585 | .1332371 | .0032860 | 1.648910 | .3822215 | 8.865637 |
| Stddev | .022365  | .16124   | .0011535 | .0003297 | .169654  | .0051370 | .108551  |
| %RSD   | .6982197 | .3138990 | .8657134 | 10.03258 | 10.28885 | 1.343978 | 1.224406 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.178223 | 51.19637 | .1341330 | .0029068 | 1.475784 | .3845866 | 8.879638 |
| #2 | 3.221472 | 51.38386 | .1336426 | .0034468 | 1.814864 | .3857500 | 8.966509 |
| #3 | 3.209732 | 51.51733 | .1319356 | .0035044 | 1.656083 | .3763280 | 8.750765 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 22.29381 | 6.363632 | .0018138 | .0030355 | 5.623160 | 2.525356 | .0170858 |
| Stddev | .14198   | .043128  | .0015874 | .0001479 | .053567  | .035720  | .0006931 |
| %RSD   | .6368400 | .6777206 | 87.51547 | 4.873857 | .9526225 | 1.414457 | 4.056447 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 22.13210 | 6.347699 | .0010100 | .0028661 | 5.614195 | 2.490290 | .0162877 |
| #2 | 22.39801 | 6.412459 | .0036424 | .0031392 | 5.680645 | 2.524083 | .0174333 |
| #3 | 22.35132 | 6.330737 | .0007891 | .0031012 | 5.574641 | 2.561696 | .0175363 |

Sample Name: I2454-08      Acquired: 4/6/2017 16:22:32      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MH0F62      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.627431 | .0978047 | .7569710 |
| Stddev | .006656  | .0005850 | .0029139 |
| %RSD   | .4090117 | .5981222 | .3849447 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 1.620212 | .0971297 | .7536651 |
| #2 | 1.628757 | .0981653 | .7591666 |
| #3 | 1.633326 | .0981190 | .7580812 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1345.656 | 2369.642 | 41886.54 | 4913.887 | 2944.553 |
| Stddev    | 11.824   | 13.852   | 312.01   | 38.092   | 22.499   |
| %RSD      | .8786552 | .5845615 | .7448944 | .7752005 | .7640781 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1349.672 | 2379.679 | 41988.27 | 4957.161 | 2953.567 |
| #2 | 1332.348 | 2353.838 | 41536.36 | 4899.073 | 2918.945 |
| #3 | 1354.949 | 2375.408 | 42134.99 | 4885.428 | 2961.146 |

Sample Name: PB98057BL      Acquired: 4/6/2017 16:26:31      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: PBW001      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000043 | .0004389 | -.000906 | -.001920 | -.001025 | .0167890 | -.002277 |
| Stddev | .001821  | .0006070 | .000782  | .001811  | .000821  | .0066600 | .000478  |
| %RSD   | 4224.783 | 138.3045 | 86.38999 | 94.35297 | 80.06733 | 39.66917 | 21.00486 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .000834  | -.000243 | -.000821 | -.003954 | -.000842 | .0117386 | -.002353 |
| #2 | -.002137 | .000640  | -.000169 | -.000482 | -.000311 | .0243368 | -.001765 |
| #3 | .001173  | .000920  | -.001726 | -.001323 | -.001922 | .0142915 | -.002712 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000188 | .0000146 | .0660949 | -.000555 | .0000129 | .0015724 | .0134253 |
| Stddev | .0000269 | .0000144 | .0122332 | .000278  | .0001499 | .0003966 | .0076238 |
| %RSD   | 143.2582 | 98.67432 | 18.50861 | 50.07223 | 1159.517 | 25.22459 | 56.78662 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000003 | .0000057 | .0523445 | -.000790 | .0000003 | .0014151 | .0046324 |
| #2 | .000011  | .0000313 | .0757714 | -.000625 | .0001688 | .0020236 | .0174536 |
| #3 | .000049  | .0000069 | .0701688 | -.000249 | -.000130 | .0012786 | .0181900 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0003901 | .0160456 | .0003701 | .0002549 | -.104661 | .0012941 | .0036834 |
| Stddev | .0005794 | .0227886 | .0002694 | .0002998 | .129341  | .0038272 | .0077289 |
| %RSD   | 148.5224 | 142.0239 | 72.80186 | 117.5939 | 123.5817 | 295.7550 | 209.8340 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000279 | .0064417 | .0000599 | .0004927 | .040685  | .0012936 | -.004887 |
| #2 | .000710  | .0420641 | .0005459 | -.000082 | -.207086 | .0051215 | .005812  |
| #3 | .000739  | -.000369 | .0005043 | .000354  | -.147580 | -.002533 | .010125  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.080980 | .0009168 | -.003780 | -.000004 | .0061232 | -.004113 | .0002678 |
| Stddev | .012852  | .0009048 | .000296  | .000248  | .0004195 | .001026  | .0005397 |
| %RSD   | 15.87067 | 98.69019 | 7.821831 | 6565.812 | 6.850843 | 24.95730 | 201.5224 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.072645 | .0014875 | -.004026 | .000280  | .0059452 | -.003179 | -.000019 |
| #2 | -.074515 | -.000126 | -.003452 | -.000172 | .0066024 | -.003948 | .000890  |
| #3 | -.095781 | .001389  | -.003863 | -.000120 | .0058221 | -.005212 | -.000068 |

Sample Name: PB98057BL      Acquired: 4/6/2017 16:26:31      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: PBW001      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0004416 | -.000390 | .0001445 |
| Stddev | .0004763 | .000226  | .0000461 |
| %RSD   | 107.8789 | 57.96371 | 31.90977 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0001870 | -.000170 | .0000936 |
| #2 | .0001466 | -.000379 | .0001836 |
| #3 | .0009911 | -.000622 | .0001562 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1293.243 | 2231.032 | 39657.08 | 4067.627 | 3864.115 |
| Stddev    | 53.155   | 34.762   | 1459.30  | 59.006   | 67.639   |
| %RSD      | 4.110247 | 1.558101 | 3.679792 | 1.450620 | 1.750429 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1268.380 | 2239.293 | 39092.62 | 4135.750 | 3878.399 |
| #2 | 1354.273 | 2192.884 | 41314.30 | 4034.610 | 3790.476 |
| #3 | 1257.075 | 2260.919 | 38564.33 | 4032.520 | 3923.471 |

Sample Name: PB98057BS      Acquired: 4/6/2017 16:30:41      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: LCS001      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0214445 | .0536016 | .0200908 | .0693827 | .1189959 | .3938352 |
| Stddev | .0031624 | .0009945 | .0007660 | .0004049 | .0004655 | .0052273 |
| %RSD   | 14.74673 | 1.855316 | 3.812554 | .5835757 | .3911725 | 1.327274 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0224446 | .0546782 | .0205368 | .0695911 | .1192721 | .3919406 |
| #2 | .0239859 | .0534092 | .0192063 | .0689161 | .1192571 | .3898194 |
| #3 | .0179030 | .0527173 | .0205292 | .0696410 | .1184585 | .3997456 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3924137 | .0104603 | .0094953 | 9.689155 | .0216763 | .0915638 |
| Stddev | .0009190 | .0000876 | .0000228 | .043684  | .0009461 | .0006991 |
| %RSD   | .2341860 | .8376867 | .2395760 | .4508524 | 4.364853 | .7634666 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3915193 | .0105573 | .0094814 | 9.639639 | .0226224 | .0916013 |
| #2 | .3933555 | .0103870 | .0094831 | 9.705585 | .0207302 | .0908468 |
| #3 | .3923662 | .0104366 | .0095216 | 9.722242 | .0216763 | .0922434 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0526021 | .1450338 | .0324186 | 9.902454 | .0767137 | .0195896 |
| Stddev | .0012912 | .0056326 | .0004080 | .024638  | .0001891 | .0002963 |
| %RSD   | 2.454627 | 3.883624 | 1.258563 | .2488118 | .2464888 | 1.512486 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0520957 | .1408309 | .0320146 | 9.888854 | .0766433 | .0192475 |
| #2 | .0540697 | .1428366 | .0328305 | 9.930895 | .0765698 | .0197648 |
| #3 | .0516409 | .1514338 | .0324107 | 9.887613 | .0769279 | .0197566 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 10.18445 | .1053355 | .1263950 | 9.195932 | .0254720 | F .0167526 |
| Stddev | .11440   | .0032991 | .0129149 | .043980  | .0016028 | .0005030   |
| %RSD   | 1.123251 | 3.131946 | 10.21785 | .4782508 | 6.292434 | 3.002709   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 10.22935 | .1015739 | .1380939 | 9.148875 | .0272251 | .0164179 |
| #2 | 10.05442 | .1066953 | .1285546 | 9.235996 | .0240816 | .0165089 |
| #3 | 10.26959 | .1077374 | .1125365 | 9.202926 | .0251093 | .0173311 |

Sample Name: PB98057BS      Acquired: 4/6/2017 16:30:41      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: LCS001      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899     | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .0215259 | .1696217 | .1985236 | F .0122159 | .2008214 | .0986698 |
| Stddev | .0001538 | .0027535 | .0022163 | .0003087   | .0009720 | .0007534 |
| %RSD   | .7145476 | 1.623289 | 1.116398 | 2.526691   | .4840125 | .7635795 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0214481 | .1727694 | .1969715 | .0121305 | .1999640 | .0988626 |
| #2 | .0214266 | .1676598 | .1975374 | .0119590 | .2006227 | .0978387 |
| #3 | .0217031 | .1684359 | .2010618 | .0125583 | .2018773 | .0993081 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .2059526 |
| Stddev | .0007128 |
| %RSD   | .3461131 |

|    |          |
|----|----------|
| #1 | .2051601 |
| #2 | .2065414 |
| #3 | .2061564 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1282.098 | 2224.326 | 39328.37 | 4161.486 | 3801.273 |
| Stddev    | 5.685    | 14.569   | 89.57    | 31.090   | 24.075   |
| %RSD      | .4433881 | .6549916 | .2277404 | .7470777 | .6333460 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1275.638 | 2235.646 | 39225.97 | 4182.904 | 3818.309 |
| #2 | 1284.323 | 2229.443 | 39366.97 | 4175.727 | 3811.779 |
| #3 | 1286.335 | 2207.888 | 39392.16 | 4125.827 | 3773.730 |

Sample Name: I2454-09      Acquired: 4/6/2017 16:34:50      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MH0F65      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0029070 | .0034986 | .0002279 | -.005081 | -.001971 | .0144311 | -.000757 |
| Stddev | .0018668 | .0003880 | .0004333 | .000146  | .000992  | .0051942 | .000573  |
| %RSD   | 64.21881 | 11.08972 | 190.1010 | 2.868316 | 50.32669 | 35.99329 | 75.77540 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0008901 | .0039459 | -.000186 | -.004932 | -.001525 | .0194702 | -.000319 |
| #2 | .0032565 | .0032543 | .000678  | -.005087 | -.003108 | .0147286 | -.001406 |
| #3 | .0045743 | .0032954 | .000192  | -.005223 | -.001280 | .0090945 | -.000545 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000911 | .0000851 | .0435721 | -.000545 | .0001820 | .0014367 | .0148512 |
| Stddev | .0000794 | .0000722 | .0167615 | .000166  | .0001825 | .0009207 | .0026848 |
| %RSD   | 87.16406 | 84.85552 | 38.46842 | 30.41655 | 100.2763 | 64.08558 | 18.07786 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001567 | .0001559 | .0460456 | -.000590 | .0000653 | .0006490 | .0129033 |
| #2 | .0000028 | .0000115 | .0257113 | -.000361 | .0003922 | .0012121 | .0179137 |
| #3 | .0001137 | .0000880 | .0589595 | -.000684 | .0000883 | .0024489 | .0137365 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0005752 | .0397410 | .0006117 | .0000808 | .0736830 | -.001262 | .0092182 |
| Stddev | .0002458 | .0347633 | .0001431 | .0001191 | .1195450 | .004016  | .0066082 |
| %RSD   | 42.73953 | 87.47462 | 23.39622 | 147.3912 | 162.2423 | 318.2855 | 71.68625 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0003747 | .0336280 | .0006534 | .0001843 | .0932503 | -.000619 | .0044451 |
| #2 | .0008495 | .0084396 | .0004524 | .0001074 | .1822372 | -.005561 | .0167605 |
| #3 | .0005013 | .0771553 | .0007294 | -.000049 | -.054439 | .002394  | .0064491 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.443201 | .0038456 | -.004249 | -.000075 | -.003123 | .0005405 | -.000048 |
| Stddev | .012018  | .0009640 | .000801  | .000169  | .001769  | .0016756 | .000475  |
| %RSD   | 2.711639 | 25.06726 | 18.85735 | 226.7748 | 56.65049 | 309.9728 | 1000.223 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.452316 | .0029915 | -.005089 | -.000257 | -.004707 | -.001363 | .000405  |
| #2 | -.429582 | .0036545 | -.004167 | -.000044 | -.003448 | .001195  | -.000005 |
| #3 | -.447706 | .0048908 | -.003492 | .000077  | -.001214 | .001790  | -.000542 |

Sample Name: I2454-09      Acquired: 4/6/2017 16:34:50      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MH0F65      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0016183 | -.001501 | .0002108 |
| Stddev | .0015620 | .000316  | .0000215 |
| %RSD   | 96.51733 | 21.04325 | 10.19885 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.000158 | -.001300 | .0002346 |
| #2 | .002777  | -.001865 | .0001929 |
| #3 | .002236  | -.001337 | .0002047 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1393.379 | 2406.822 | 42261.80 | 4345.687 | 4197.685 |
| Stddev    | 47.887   | 38.021   | 1148.68  | 134.969  | 71.586   |
| %RSD      | 3.436750 | 1.579703 | 2.718018 | 3.105813 | 1.705358 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1372.006 | 2385.634 | 41813.33 | 4462.780 | 4154.363 |
| #2 | 1448.231 | 2450.716 | 43567.06 | 4198.070 | 4280.312 |
| #3 | 1359.901 | 2384.117 | 41405.00 | 4376.210 | 4158.379 |

Sample Name: I2454-10      Acquired: 4/6/2017 16:39:00      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MH0F66      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0019971 | .0046653 | .0011713 | -.004299 | -.001897 | .0069300 | -.000985 |
| Stddev | .0008661 | .0005285 | .0004668 | .001008  | .000683  | .0025330 | .000581  |
| %RSD   | 43.36809 | 11.32778 | 39.85419 | 23.45516 | 36.00169 | 36.55087 | 59.01251 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0021326 | .0052579 | .0016992 | -.003135 | -.001383 | .0098500 | -.001281 |
| #2 | .0027874 | .0044951 | .0008132 | -.004911 | -.002672 | .0053241 | -.000315 |
| #3 | .0010712 | .0042429 | .0010013 | -.004850 | -.001637 | .0056159 | -.001358 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001339 | .0000538 | .0229740 | -.000380 | .0001812 | .0005828 | .0096427 |
| Stddev | .0000059 | .0000168 | .0043588 | .000223  | .0001105 | .0007941 | .0040385 |
| %RSD   | 4.409125 | 31.14307 | 18.97267 | 58.79557 | 60.99425 | 136.2700 | 41.88165 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001364 | .0000731 | .0205852 | -.000239 | .0003068 | -.000200 | .0131620 |
| #2 | .0001272 | .0000434 | .0203319 | -.000262 | .0001378 | .000561  | .0105326 |
| #3 | .0001382 | .0000448 | .0280050 | -.000637 | .0000989 | .001387  | .0052334 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0003503 | .0157474 | .0004914 | .0003149 | .0164198 | .0001363 | .0089316 |
| Stddev | .0004379 | .0121535 | .0001734 | .0001282 | .1213666 | .0014667 | .0062965 |
| %RSD   | 124.9989 | 77.17781 | 35.29302 | 40.71390 | 739.1484 | 1075.966 | 70.49649 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0007890 | .0018877 | .0006488 | .0002116 | -.049552 | -.000905 | .0118171 |
| #2 | .0003487 | .0245846 | .0005201 | .0004585 | .156483  | .001814  | .0132683 |
| #3 | -.000087 | .0207699 | .0003054 | .0002747 | -.057672 | -.000500 | .0017095 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.445055 | .0014855 | -.003694 | -.000234 | .0118271 | .0014191 | .0002868 |
| Stddev | .043549  | .0005072 | .001027  | .000113  | .0015742 | .0003408 | .0008827 |
| %RSD   | 9.785142 | 34.14116 | 27.79284 | 48.38278 | 13.31053 | 24.01144 | 307.7628 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.400162 | .0018415 | -.003227 | -.000235 | .0135730 | .0010532 | .0011266 |
| #2 | -.447880 | .0009048 | -.002984 | -.000121 | .0113924 | .0014768 | -.000633 |
| #3 | -.487123 | .0017103 | -.004871 | -.000347 | .0105159 | .0017273 | .000367  |

Sample Name: I2454-10      Acquired: 4/6/2017 16:39:00      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MH0F66      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0007632 | -.001328 | .0000916 |
| Stddev | .0008981 | .000376  | .0000329 |
| %RSD   | 117.6777 | 28.35406 | 35.93933 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0017997 | -.001703 | .0001016 |
| #2 | .0002171 | -.001330 | .0000549 |
| #3 | .0002727 | -.000950 | .0001184 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1342.275 | 2380.786 | 40764.09 | 4357.070 | 4166.248 |
| Stddev    | 12.805   | 15.730   | 298.48   | 43.272   | 28.352   |
| %RSD      | .9539679 | .6607063 | .7322087 | .9931528 | .6805210 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1348.916 | 2366.215 | 40956.54 | 4377.920 | 4137.252 |
| #2 | 1350.394 | 2397.463 | 40915.48 | 4385.970 | 4193.909 |
| #3 | 1327.513 | 2378.680 | 40420.26 | 4307.320 | 4167.583 |

Sample Name: PB98069BL      Acquired: 4/6/2017 16:43:11      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: PBS001      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0011069 | .0012100 | -.000198 | -.001828 | -.000178 | .0020941 | -.004234 |
| Stddev | .0017508 | .0013908 | .000995  | .003071  | .000594  | .0039397 | .001686  |
| %RSD   | 158.1714 | 114.9426 | 501.5696 | 168.0125 | 334.3144 | 188.1326 | 39.83199 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0027246 | -.000186 | .000714  | -.005374 | -.000466 | .0014935 | -.003420 |
| #2 | -.000752 | .002595  | -.000049 | -.000015 | .000505  | -.001511 | -.003109 |
| #3 | .001348  | .001221  | -.001259 | -.000095 | -.000572 | .006300  | -.006173 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000481 | .0000616 | .0022135 | -.000266 | .0000926 | .0010037 | .0032435 |
| Stddev | .0000656 | .0000182 | .0096575 | .000224  | .0001816 | .0007161 | .0019456 |
| %RSD   | 136.3699 | 29.56723 | 436.2995 | 84.04191 | 196.1142 | 71.34387 | 59.98621 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001134 | .0000786 | -.006540 | -.000368 | .0000703 | .0006392 | .0054608 |
| #2 | .0000487 | .0000424 | .000607  | -.000010 | -.000077 | .0018288 | .0024482 |
| #3 | -.000018 | .0000638 | .012574  | -.000421 | .000284  | .0005432 | .0018215 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000623 | -.006326 | .0004830 | .0001635 | -.162562 | -.000613 | .0014773 |
| Stddev | .000307  | .027930  | .0001472 | .0002445 | .105339  | .002240  | .0042925 |
| %RSD   | 49.35296 | 441.4768 | 30.48790 | 149.5602 | 64.79940 | 365.5463 | 290.5612 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000268 | -.014380 | .0005830 | .0000290 | -.042292 | -.000331 | .0063449 |
| #2 | -.000801 | .024745  | .0003139 | .0004457 | -.206960 | -.002980 | -.000147 |
| #3 | -.000799 | -.029344 | .0005520 | .0000158 | -.238433 | .001473  | -.001766 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.066702 | .0003804 | -.003587 | .0001505 | .0079135 | -.002141 | -.000168 |
| Stddev | .006742  | .0006072 | .000402  | .0000818 | .0015290 | .002403  | .001186  |
| %RSD   | 10.10745 | 159.6136 | 11.19576 | 54.36511 | 19.32108 | 112.2134 | 706.3393 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.064898 | .0010677 | -.004049 | .0001565 | .0068161 | -.003605 | -.000660 |
| #2 | -.074163 | -.000083 | -.003384 | .0002292 | .0072645 | .000632  | .001184  |
| #3 | -.061046 | .000157  | -.003327 | .0000659 | .0096599 | -.003451 | -.001028 |

Sample Name: PB98069BL      Acquired: 4/6/2017 16:43:11      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: PBS001      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.000149 | -.000790 | -.000002 |
| Stddev | .000469  | .000054  | .000014  |
| %RSD   | 314.7737 | 6.813879 | 879.5470 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .000061  | -.000850 | -.000017 |
| #2 | .000179  | -.000775 | .000010  |
| #3 | -.000686 | -.000746 | .000002  |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1297.715 | 2179.866 | 40098.08 | 3864.680 | 3810.369 |
| Stddev    | 75.837   | 16.521   | 2458.57  | 235.644  | 19.186   |
| %RSD      | 5.843917 | .7579049 | 6.131391 | 6.097374 | .5035086 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1259.271 | 2161.159 | 38871.88 | 3997.990 | 3788.493 |
| #2 | 1385.076 | 2192.457 | 42928.58 | 4003.450 | 3824.333 |
| #3 | 1248.799 | 2185.982 | 38493.77 | 3592.600 | 3818.283 |

Sample Name: PB98069BS      Acquired: 4/6/2017 16:47:24      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: LCS001      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0205990 | .0552516 | .0202024 | .0689457 | .1195979 | .4065942 |
| Stddev | .0009269 | .0010147 | .0013167 | .0017377 | .0010741 | .0011367 |
| %RSD   | 4.499871 | 1.836502 | 6.517736 | 2.520464 | .8980622 | .2795704 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0195646 | .0553992 | .0213802 | .0685264 | .1185187 | .4063622 |
| #2 | .0213544 | .0541712 | .0204462 | .0708548 | .1196084 | .4078290 |
| #3 | .0208780 | .0561845 | .0187808 | .0674560 | .1206667 | .4055913 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3925100 | .0103691 | .0095474 | 9.629365 | .0221589 | .0921459 |
| Stddev | .0015928 | .0002145 | .0000651 | .092255  | .0004951 | .0003538 |
| %RSD   | .4057852 | 2.068990 | .6814917 | .9580549 | 2.234250 | .3839111 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3914185 | .0103428 | .0095628 | 9.569246 | .0220905 | .0917383 |
| #2 | .3943377 | .0105955 | .0096035 | 9.735584 | .0226846 | .0923275 |
| #3 | .3917738 | .0101689 | .0094761 | 9.583266 | .0217015 | .0923720 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0524415 | .1547710 | .0331383 | 9.891442 | .0772408 | .0195072 |
| Stddev | .0011680 | .0017846 | .0002331 | .065086  | .0006898 | .0001362 |
| %RSD   | 2.227233 | 1.153040 | .7034121 | .6580031 | .8930024 | .6983971 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0516712 | .1556917 | .0330211 | 9.871004 | .0764523 | .0193991 |
| #2 | .0537854 | .1559072 | .0334067 | 9.964294 | .0775378 | .0194622 |
| #3 | .0518679 | .1527142 | .0329870 | 9.839027 | .0777324 | .0196602 |

|        |          |          |          |          |            |            |
|--------|----------|----------|----------|----------|------------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm        |
| Avg    | 10.24871 | .1044443 | .1202047 | 9.173795 | F .0260141 | F .0164091 |
| Stddev | .03541   | .0027187 | .0033428 | .048623  | .0015888   | .0012308   |
| %RSD   | .3454884 | 2.603062 | 2.780898 | .5300156 | 6.107552   | 7.500853   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 10.23259 | .1021992 | .1193948 | 9.129543 | .0268677 | .0153964 |
| #2 | 10.28931 | .1036664 | .1238781 | 9.225845 | .0241810 | .0177790 |
| #3 | 10.22424 | .1074672 | .1173413 | 9.165997 | .0269938 | .0160519 |

Sample Name: PB98069BS      Acquired: 4/6/2017 16:47:24      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: LCS001      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899     | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .0217586 | .1713476 | .1939664 | F .0132914 | .1993715 | .0985894 |
| Stddev | .0001600 | .0011865 | .0018587 | .0007028   | .0009989 | .0009053 |
| %RSD   | .7354642 | .6924268 | .9582684 | 5.287593   | .5010259 | .9182429 |
|        |          |          |          |            |          |          |
| #1     | .0215858 | .1700109 | .1919119 | .0134850   | .1982929 | .0983632 |
| #2     | .0217881 | .1722760 | .1944561 | .0138771   | .2002647 | .0995864 |
| #3     | .0219018 | .1717559 | .1955313 | .0125121   | .1995569 | .0978187 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .2064704 |
| Stddev | .0007391 |
| %RSD   | .3579712 |
|        |          |
| #1     | .2059560 |
| #2     | .2073174 |
| #3     | .2061379 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1251.446 | 2188.474 | 38583.55 | 4169.698 | 3756.486 |
| Stddev    | 2.412    | 16.171   | 29.18    | 41.191   | 17.272   |
| %RSD      | .1927539 | .7389332 | .0756179 | .9878744 | .4597850 |
|           |          |          |          |          |          |
| #1        | 1253.504 | 2206.032 | 38615.10 | 4189.710 | 3776.118 |
| #2        | 1248.791 | 2185.198 | 38578.00 | 4122.324 | 3749.715 |
| #3        | 1252.041 | 2174.191 | 38557.54 | 4197.061 | 3743.626 |

Sample Name: I2545-01      Acquired: 4/6/2017 16:51:33      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MC0BP7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0024713 | .0010779 | .0001767 | .0006255 | -.001252 | .5647453 | .1131435 |
| Stddev | .0013919 | .0003704 | .0013137 | .0035479 | .001956  | .0081212 | .0007654 |
| %RSD   | 56.32159 | 34.36277 | 743.4575 | 567.1896 | 156.3120 | 1.438034 | .6764453 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0032588 | .0010115 | .0009216 | .0019587 | -.001734 | .5731082 | .1140178 |
| #2 | .0008642 | .0007452 | .0009486 | -.003396 | -.002922 | .5568895 | .1128181 |
| #3 | .0032909 | .0014770 | -.001340 | .003314  | .000901  | .5642382 | .1125946 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0006714 | .0008310 | 25.48465 | .0020531 | .0460737 | .0011541 | .0206566 |
| Stddev | .0000677 | .0000476 | .21313   | .0005687 | .0005011 | .0009733 | .0015668 |
| %RSD   | 10.07978 | 5.725620 | .8363205 | 27.70111 | 1.087580 | 84.33738 | 7.585125 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0006283 | .0008053 | 25.71288 | .0013970 | .0463437 | .0006223 | .0224653 |
| #2 | .0007493 | .0008859 | 25.45026 | .0023558 | .0454956 | .0005625 | .0197141 |
| #3 | .0006364 | .0008018 | 25.29080 | .0024064 | .0463820 | .0022774 | .0197905 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.787731 | 11.94374 | .0219212 | .0004201 | 66.75298 | -.002540 | .0478233 |
| Stddev | .043431  | .15769   | .0002971 | .0001744 | .58802   | .002809  | .0044742 |
| %RSD   | .9071220 | 1.320314 | 1.355145 | 41.52191 | .8808928 | 110.5866 | 9.355692 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.832264 | 12.06951 | .0216704 | .0005851 | 67.17638 | -.004312 | .0453608 |
| #2 | 4.785435 | 11.99489 | .0218440 | .0002375 | 67.00098 | .000699  | .0451213 |
| #3 | 4.745494 | 11.76682 | .0222493 | .0004376 | 66.08158 | -.004007 | .0529878 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.153723 | .0003933 | .0215070 | -.000123 | 32.72145 | 11.64663 | -.001249 |
| Stddev | .002080  | .0004108 | .0006122 | .000114  | .25035   | .06717   | .000862  |
| %RSD   | .0965666 | 104.4610 | 2.846671 | 92.37934 | .7651045 | .5766990 | 69.01025 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.155106 | .0000692 | .0218180 | -.000037 | 32.90044 | 11.72374 | -.000256 |
| #2 | 2.151331 | .0008553 | .0208017 | -.000081 | 32.43536 | 11.61529 | -.001691 |
| #3 | 2.154731 | .0002554 | .0219014 | -.000253 | 32.82856 | 11.60086 | -.001799 |

Sample Name: I2545-01      Acquired: 4/6/2017 16:51:33      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MC0BP7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.000140 | .0062626 | .1718573 |
| Stddev | .000244  | .0005591 | .0016251 |
| %RSD   | 174.0963 | 8.928008 | .9455937 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.000412 | .0068297 | .1737094 |
| #2 | .000060  | .0057118 | .1711922 |
| #3 | -.000068 | .0062463 | .1706702 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1247.378 | 2175.213 | 38565.08 | 4267.155 | 3551.175 |
| Stddev    | 11.467   | 3.633    | 9.30     | 17.544   | 5.558    |
| %RSD      | .9192499 | .1670094 | .0241147 | .4111515 | .1564993 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1257.664 | 2179.399 | 38574.11 | 4246.896 | 3555.863 |
| #2 | 1249.454 | 2173.352 | 38565.61 | 4277.249 | 3552.626 |
| #3 | 1235.014 | 2172.887 | 38555.53 | 4277.319 | 3545.036 |

Sample Name: I2545-02      Acquired: 4/6/2017 16:55:39      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MC0BP8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0117413 | .0026302 | .0055544 | -.004165 | -.001188 | 12.85874 | .1159882 |
| Stddev | .0012410 | .0013980 | .0003381 | .001058  | .000189  | .00705   | .0001731 |
| %RSD   | 10.56944 | 53.14955 | 6.087798 | 25.39303 | 15.92187 | .0548082 | .1492101 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0130627 | .0034558 | .0055230 | -.004916 | -.001035 | 12.85492 | .1161448 |
| #2 | .0106006 | .0034187 | .0059071 | -.002956 | -.001129 | 12.86688 | .1160174 |
| #3 | .0115605 | .0010162 | .0052330 | -.004623 | -.001400 | 12.85444 | .1158024 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0164562 | .0030976 | 13.31474 | .0012838 | .0775714 | .0038664 | .0547143 |
| Stddev | .0001277 | .0000487 | .05894   | .0001604 | .0000902 | .0005236 | .0050676 |
| %RSD   | .7759680 | 1.573792 | .4426504 | 12.49552 | .1163013 | 13.54122 | 9.261985 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0163098 | .0031055 | 13.30634 | .0012735 | .0775831 | .0033985 | .0507098 |
| #2 | .0165142 | .0031419 | 13.37742 | .0011287 | .0774759 | .0037688 | .0530214 |
| #3 | .0165446 | .0030454 | 13.26045 | .0014491 | .0776552 | .0044319 | .0604116 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.913021 | 6.174961 | .0359539 | -.001466 | 34.02603 | -.001070 | .2205930 |
| Stddev | .011315  | .054223  | .0001669 | .000122  | .08068   | .000660  | .0040350 |
| %RSD   | .2891701 | .8781030 | .4642781 | 8.316222 | .2371118 | 61.69978 | 1.829148 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.904538 | 6.200441 | .0359885 | -.001327 | 33.97310 | -.000456 | .2234599 |
| #2 | 3.925868 | 6.211749 | .0361008 | -.001516 | 34.11889 | -.000986 | .2223403 |
| #3 | 3.908655 | 6.112691 | .0357724 | -.001555 | 33.98611 | -.001769 | .2159789 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .8996334 | -.003757 | .0090480 | -.000036 | 33.45827 | 14.01035 | -.000706 |
| Stddev | .0068971 | .001031  | .0007688 | .000106  | .04910   | .15430   | .000447  |
| %RSD   | .7666518 | 27.43305 | 8.496508 | 298.3753 | .1467387 | 1.101311 | 63.36151 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .8931043 | -.004174 | .0081672 | .000084  | 33.43559 | 13.83982 | -.000364 |
| #2 | .8989485 | -.004513 | .0095844 | -.000118 | 33.42461 | 14.05095 | -.001211 |
| #3 | .9068473 | -.002583 | .0093923 | -.000073 | 33.51460 | 14.14030 | -.000542 |

Sample Name: I2545-02      Acquired: 4/6/2017 16:55:39      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MC0BP8      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0005487 | .0030394 | .0914867 |
| Stddev | .0005429 | .0000731 | .0000304 |
| %RSD   | 98.94115 | 2.403721 | .0332403 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0011657 | .0030140 | .0915197 |
| #2 | .0003361 | .0031218 | .0914599 |
| #3 | .0001443 | .0029825 | .0914805 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2415.072 | 4241.055 | 74559.32 | 8407.883 | 3454.137 |
| Stddev    | 5.255    | 14.683   | 98.46    | 50.552   | 6.587    |
| %RSD      | .2175971 | .3462220 | .1320546 | .6012422 | .1906967 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2409.424 | 4233.502 | 74523.25 | 8459.258 | 3454.072 |
| #2 | 2419.818 | 4257.978 | 74670.72 | 8406.193 | 3460.757 |
| #3 | 2415.972 | 4231.686 | 74483.98 | 8358.197 | 3447.583 |

Sample Name: I2545-03      Acquired: 4/6/2017 16:59:41      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MC0BP9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0027018 | .0010128 | .0003914 | .0034675 | -.001152 | .5098581 | .1159624 |
| Stddev | .0025821 | .0007887 | .0018045 | .0026024 | .000583  | .0051710 | .0009823 |
| %RSD   | 95.57171 | 77.87381 | 461.0614 | 75.05048 | 50.64680 | 1.014204 | .8471038 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0017309 | .0017417 | -.001205 | .0010611 | -.001743 | .5149299 | .1170919 |
| #2 | .0007458 | .0011211 | .000030  | .0062293 | -.001136 | .5045933 | .1154880 |
| #3 | .0056286 | .0001755 | .002349  | .0031120 | -.000576 | .5100511 | .1153073 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0006322 | .0009287 | 25.76211 | .0023238 | .0456629 | .0021392 | .0290814 |
| Stddev | .0000265 | .0000386 | .08792   | .0004478 | .0004624 | .0005802 | .0030299 |
| %RSD   | 4.189195 | 4.160206 | .3412739 | 19.27047 | 1.012698 | 27.12069 | 10.41868 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0006550 | .0009468 | 25.85957 | .0028336 | .0451718 | .0024555 | .0324923 |
| #2 | .0006031 | .0009549 | 25.68877 | .0019941 | .0460899 | .0024925 | .0267017 |
| #3 | .0006384 | .0008843 | 25.73797 | .0021436 | .0457271 | .0014696 | .0280502 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.752639 | 12.01284 | .0216399 | .0004566 | 66.98345 | -.005029 | .0617178 |
| Stddev | .012811  | .08661   | .0002925 | .0003032 | .21760   | .001817  | .0045035 |
| %RSD   | .2695465 | .7210170 | 1.351559 | 66.39940 | .3248545 | 36.12493 | 7.296929 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.765396 | 12.09723 | .0214427 | .0007997 | 67.17976 | -.007113 | .0566600 |
| #2 | 4.752746 | 11.92416 | .0219760 | .0002248 | 66.74948 | -.003782 | .0652934 |
| #3 | 4.739776 | 12.01713 | .0215012 | .0003452 | 67.02110 | -.004191 | .0632001 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.171273 | .0010420 | .0221655 | .0000698 | 33.05979 | 11.62906 | -.001370 |
| Stddev | .031724  | .0013221 | .0007581 | .0001697 | .11673   | .05194   | .000224  |
| %RSD   | 1.461076 | 126.8833 | 3.420053 | 243.2911 | .3531010 | .4466601 | 16.37577 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.143585 | .0025287 | .0220835 | -.000009 | 32.93800 | 11.68675 | -.001134 |
| #2 | 2.205888 | .0005986 | .0229612 | -.000046 | 33.17070 | 11.61440 | -.001581 |
| #3 | 2.164347 | -.000001 | .0214517 | .000265  | 33.07066 | 11.58601 | -.001394 |

Sample Name: I2545-03      Acquired: 4/6/2017 16:59:41      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MC0BP9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0006326 | .0055924 | .1733480 |
| Stddev | .0007116 | .0009455 | .0009793 |
| %RSD   | 112.4805 | 16.90710 | .5649064 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0006842 | .0061097 | .1744727 |
| #2 | .0013170 | .0061662 | .1726843 |
| #3 | -.000103 | .0045011 | .1728870 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1226.573 | 2135.405 | 37953.62 | 4258.245 | 3498.051 |
| Stddev    | 1.611    | 4.384    | 89.05    | 7.596    | 8.743    |
| %RSD      | .1313325 | .2053176 | .2346405 | .1783883 | .2499390 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1228.353 | 2133.854 | 38050.96 | 4249.771 | 3505.400 |
| #2 | 1225.215 | 2132.008 | 37876.24 | 4264.441 | 3488.382 |
| #3 | 1226.150 | 2140.355 | 37933.65 | 4260.524 | 3500.371 |

Sample Name: CCV030      Acquired: 4/6/2017 17:03:46      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV030      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.223752 | 4.860021 | 23.86125 | 5.278920 | 5.309752 | 378.0257 | 9.873809 |
| Stddev | .035193  | .024016  | .20706   | .036959  | .027348  | 10.2492  | .268844  |
| %RSD   | .6737068 | .4941506 | .8677546 | .7001180 | .5150524 | 2.711240 | 2.722799 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.193622 | 4.835413 | 23.62769 | 5.242236 | 5.278634 | 387.5817 | 10.11781 |
| #2 | 5.262432 | 4.883398 | 24.02229 | 5.316147 | 5.329963 | 367.2014 | 9.58560  |
| #3 | 5.215200 | 4.861252 | 23.93377 | 5.278377 | 5.320660 | 379.2940 | 9.91802  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4731775 | 2.466172 | 365.3985 | 15.21225 | 2.458871 | 14.94631 | 379.2644 |
| Stddev | .0113950 | .025391  | 9.4903   | .37205   | .020645  | .38207   | 9.8353   |
| %RSD   | 2.408184 | 1.029591 | 2.597241 | 2.445702 | .8396299 | 2.556279 | 2.593269 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4851258 | 2.437606 | 375.0927 | 15.63084 | 2.435813 | 15.28982 | 389.0354 |
| #2 | .4624310 | 2.486174 | 356.1262 | 14.91926 | 2.475641 | 14.53481 | 369.3660 |
| #3 | .4719758 | 2.474736 | 364.9765 | 15.08664 | 2.465159 | 15.01430 | 379.3919 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.27743 | 385.6271 | 2.468590 | 1.274513 | 377.9232 | 2.387919 | 14.57400 |
| Stddev | .36172   | 9.6358   | .020676  | .031171  | 9.6728   | .062896  | .32417   |
| %RSD   | 2.533496 | 2.498734 | .8375725 | 2.445679 | 2.559460 | 2.633914 | 2.224308 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 14.64558 | 394.7894 | 2.444726 | 1.309053 | 387.1699 | 2.449039 | 14.92194 |
| #2 | 13.92251 | 375.5790 | 2.481151 | 1.248477 | 367.8743 | 2.323387 | 14.28049 |
| #3 | 14.26421 | 386.5130 | 2.479892 | 1.266009 | 378.7254 | 2.391332 | 14.51957 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 151.7360 | 5.199757 | 4.665709 | 5.157040 | 5.187889 | 4.662543 | 4.940322 |
| Stddev | 3.9546   | .045071  | .121447  | .029658  | .059917  | .129422  | .037836  |
| %RSD   | 2.606252 | .8667980 | 2.602970 | .5751006 | 1.154931 | 2.775780 | .7658606 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 155.1459 | 5.152312 | 4.796545 | 5.123632 | 5.122579 | 4.804750 | 4.896875 |
| #2 | 147.4008 | 5.242004 | 4.556578 | 5.180266 | 5.240316 | 4.551653 | 4.966030 |
| #3 | 152.6613 | 5.204954 | 4.644005 | 5.167222 | 5.200771 | 4.631227 | 4.958059 |

Sample Name: CCV030      Acquired: 4/6/2017 17:03:46      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: CCV030      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.799126 | 5.364121 | 4.932920 |
| Stddev | .133709  | .150772  | .146755  |
| %RSD   | 2.786121 | 2.810741 | 2.975013 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 4.930513 | 5.491063 | 5.040548 |
| #2 | 4.663209 | 5.197469 | 4.765752 |
| #3 | 4.803657 | 5.403833 | 4.992460 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 959.6528 | 1730.354 | 31632.69 | 3800.909 | 2536.203 |
| Stddev    | 20.0027  | 3.502    | 721.74   | 88.211   | 6.688    |
| %RSD      | 2.084369 | .2024055 | 2.281611 | 2.320779 | .2637032 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 937.4533 | 1732.055 | 30856.44 | 3709.692 | 2543.094 |
| #2 | 976.2748 | 1726.326 | 32283.45 | 3885.770 | 2529.739 |
| #3 | 965.2303 | 1732.681 | 31758.17 | 3807.264 | 2535.775 |

Sample Name: CCB030      Acquired: 4/6/2017 17:07:40      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB030      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0016799 | .0002020 | -.000772 | -.002451 | -.000557 | .0103976 | -.002453 |
| Stddev | .0009489 | .0022126 | .000636  | .000290  | .000388  | .0053119 | .000169  |
| %RSD   | 56.48630 | 1095.431 | 82.40818 | 11.81265 | 69.61206 | 51.08756 | 6.875453 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0027754 | .0015379 | -.000957 | -.002453 | -.000173 | .0162443 | -.002306 |
| #2 | .0011482 | -.002352 | -.001294 | -.002161 | -.000549 | .0058686 | -.002637 |
| #3 | .0011160 | .001420  | -.000064 | -.002740 | -.000948 | .0090799 | -.002417 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000341 | .0000683 | .0079549 | .0000275 | .0000745 | .0005395 | .0079072 |
| Stddev | .0000536 | .0000685 | .0135969 | .0002366 | .0000813 | .0003117 | .0027732 |
| %RSD   | 157.2185 | 100.1967 | 170.9234 | 860.7555 | 109.1796 | 57.77220 | 35.07242 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000036 | .0001396 | .0225829 | -.000053 | .0000646 | .0005078 | .0048020 |
| #2 | .0000961 | .0000031 | .0055797 | .000294  | .0001603 | .0002449 | .0087819 |
| #3 | .0000027 | .0000623 | -.004298 | -.000158 | -.000001 | .0008658 | .0101376 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000006 | .0129686 | .0002729 | .0004310 | -.072429 | .0004536 | -.003827 |
| Stddev | .000140  | .0094909 | .0001498 | .0001682 | .050472  | .0012809 | .006665  |
| %RSD   | 2316.675 | 73.18368 | 54.91006 | 39.03041 | 69.68579 | 282.3517 | 174.1747 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .000063  | .0184755 | .0003407 | .0002602 | -.110877 | -.000511 | -.009157 |
| #2 | .000085  | .0184207 | .0003768 | .0005965 | -.091135 | .001907  | -.005969 |
| #3 | -.000167 | .0020095 | .0001011 | .0004363 | -.015273 | -.000035 | .003646  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.043043 | -.000530 | .0011252 | .0003510 | .0053845 | -.003453 | .0000076 |
| Stddev | .023893  | .000482  | .0007056 | .0003582 | .0012421 | .000415  | .0002655 |
| %RSD   | 55.50883 | 90.91738 | 62.70546 | 102.0759 | 23.06792 | 12.03080 | 3489.130 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.068553 | -.000384 | .0007657 | .0007430 | .0043063 | -.003177 | -.000065 |
| #2 | -.039389 | -.001069 | .0006718 | .0002692 | .0051045 | -.003930 | -.000214 |
| #3 | -.021188 | -.000139 | .0019382 | .0000406 | .0067427 | -.003251 | .000302  |

Sample Name: CCB030      Acquired: 4/6/2017 17:07:40      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB030      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0005619 | .0006838 | .0001084 |
| Stddev | .0004857 | .0007137 | .0000331 |
| %RSD   | 86.44133 | 104.3673 | 30.58118 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0008237 | -.000122 | .0001465 |
| #2 | .0008606 | .000939  | .0000926 |
| #3 | .0000015 | .001234  | .0000861 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1252.129 | 2216.477 | 38819.22 | 4131.910 | 3880.429 |
| Stddev    | 2.283    | 27.814   | 118.83   | 26.176   | 49.924   |
| %RSD      | .1823637 | 1.254879 | .3061014 | .6335176 | 1.286552 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1249.501 | 2191.545 | 38834.55 | 4153.640 | 3840.828 |
| #2 | 1253.265 | 2211.409 | 38693.48 | 4102.850 | 3863.949 |
| #3 | 1253.622 | 2246.477 | 38929.64 | 4139.240 | 3936.509 |

Sample Name: I2545-04      Acquired: 4/6/2017 17:11:49      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MC0BQ0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0042592 | .0016502 | .0009175 | -.000010 | -.000703 | .3810848 | .1172871 |
| Stddev | .0027300 | .0016713 | .0013620 | .002241  | .000577  | .0057077 | .0007627 |
| %RSD   | 64.09816 | 101.2803 | 148.4491 | 22507.09 | 82.11216 | 1.497747 | .6502657 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0035593 | .0027812 | -.000036 | .002201  | -.000771 | .3766574 | .1178089 |
| #2 | .0072710 | -.000270 | .002477  | .000048  | -.000095 | .3875265 | .1164118 |
| #3 | .0019471 | .002439  | .000311  | -.002279 | -.001243 | .3790705 | .1176406 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0005990 | .0009529 | 25.25474 | .0025504 | .0452946 | .0013208 | .0117223 |
| Stddev | .0000630 | .0000323 | .10082   | .0000698 | .0002719 | .0006386 | .0048354 |
| %RSD   | 10.52209 | 3.386118 | .3991997 | 2.734701 | .6003780 | 48.34901 | 41.24959 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0006623 | .0009696 | 25.36259 | .0025088 | .0455053 | .0011445 | .0125762 |
| #2 | .0005363 | .0009157 | 25.23874 | .0026310 | .0453907 | .0007888 | .0160738 |
| #3 | .0005983 | .0009735 | 25.16287 | .0025115 | .0449876 | .0020289 | .0065168 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.599852 | 11.89023 | .0216366 | .0005212 | 66.49986 | -.001592 | .0554526 |
| Stddev | .026277  | .05581   | .0002516 | .0001886 | .22081   | .001393  | .0082137 |
| %RSD   | .5712558 | .4693577 | 1.162979 | 36.17467 | .3320429 | 87.52370 | 14.81202 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.606293 | 11.93842 | .0214918 | .0004391 | 66.75104 | -.002168 | .0587225 |
| #2 | 4.622310 | 11.90318 | .0219272 | .0003877 | 66.41218 | -.000003 | .0461076 |
| #3 | 4.570954 | 11.82908 | .0214908 | .0007369 | 66.33636 | -.002605 | .0615277 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.149084 | .0010297 | .0221346 | -.000109 | 33.20144 | 11.30323 | -.000773 |
| Stddev | .012789  | .0015865 | .0004936 | .000104  | .06187   | .06537   | .000232  |
| %RSD   | .5951075 | 154.0670 | 2.230077 | 95.46022 | .1863328 | .5783418 | 30.02973 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.136782 | .0024725 | .0226918 | -.000158 | 33.14833 | 11.32431 | -.000546 |
| #2 | 2.148158 | -.000669 | .0217521 | .000011  | 33.26937 | 11.35547 | -.001010 |
| #3 | 2.162311 | .001286  | .0219598 | -.000180 | 33.18663 | 11.22992 | -.000762 |

Sample Name: I2545-04      Acquired: 4/6/2017 17:11:49      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MC0BQ0      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0003238 | .0064619 | .1695803 |
| Stddev | .0004959 | .0008135 | .0005462 |
| %RSD   | 153.1228 | 12.58944 | .3220997 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0002637 | .0071558 | .1700816 |
| #2 | -.000139 | .0066633 | .1689982 |
| #3 | .000847  | .0055666 | .1696613 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1238.937 | 2152.931 | 38230.13 | 4324.937 | 3539.240 |
| Stddev    | 8.807    | 7.457    | 104.95   | 30.490   | 9.407    |
| %RSD      | .7108323 | .3463463 | .2745243 | .7049906 | .2658036 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1231.624 | 2160.600 | 38111.51 | 4294.690 | 3550.095 |
| #2 | 1248.714 | 2152.486 | 38267.96 | 4324.455 | 3534.153 |
| #3 | 1236.474 | 2145.707 | 38310.92 | 4355.665 | 3533.472 |

Sample Name: I2545-05      Acquired: 4/6/2017 17:15:55      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MC0BQ2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0038664 | -.000648 | .0011084 | .0024207 | -.000774 | 1.875056 | .1225795 |
| Stddev | .0018195 | .001544  | .0007128 | .0016005 | .000720  | .036782  | .0019316 |
| %RSD   | 47.05793 | 238.2051 | 64.31377 | 66.11713 | 92.96517 | 1.961662 | 1.575788 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0020761 | -.000888 | .0019281 | .0030898 | -.000234 | 1.856936 | .1218996 |
| #2 | .0038094 | -.002058 | .0007633 | .0005942 | -.000497 | 1.850849 | .1210797 |
| #3 | .0057137 | .001002  | .0006338 | .0035780 | -.001592 | 1.917383 | .1247591 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0023035 | .0009845 | 24.00040 | .0020407 | .0480964 | .0019380 | .0129109 |
| Stddev | .0000073 | .0000802 | .25639   | .0002282 | .0001663 | .0004337 | .0037062 |
| %RSD   | .3152295 | 8.145465 | 1.068287 | 11.18304 | .3456980 | 22.37853 | 28.70597 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0022996 | .0010732 | 23.84820 | .0018081 | .0479348 | .0015264 | .0167244 |
| #2 | .0023119 | .0009171 | 23.85657 | .0022643 | .0482670 | .0018967 | .0126862 |
| #3 | .0022990 | .0009632 | 24.29641 | .0020498 | .0480872 | .0023908 | .0093222 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.516708 | 11.27498 | .0221275 | .0001567 | 58.56876 | -.002277 | .0653072 |
| Stddev | .061248  | .12403   | .0003355 | .0002395 | .74293   | .002344  | .0012273 |
| %RSD   | 1.356034 | 1.100046 | 1.516001 | 152.8430 | 1.268472 | 102.9665 | 1.879338 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.488910 | 11.20066 | .0217565 | -.000083 | 58.24830 | -.003423 | .0645729 |
| #2 | 4.474289 | 11.20612 | .0224094 | .000157  | 58.03985 | .000420  | .0646247 |
| #3 | 4.586926 | 11.41816 | .0222168 | .000396  | 59.41814 | -.003827 | .0667241 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.955845 | .0011779 | .0215721 | -.000076 | 32.12050 | 11.81980 | -.001129 |
| Stddev | .026205  | .0006628 | .0003115 | .000125  | .08465   | .03756   | .000068  |
| %RSD   | 1.339826 | 56.26626 | 1.443967 | 165.4861 | .2635529 | .3177876 | 6.043852 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.967358 | .0007323 | .0216420 | -.000207 | 32.02526 | 11.82891 | -.001053 |
| #2 | 1.925855 | .0008618 | .0212316 | -.000062 | 32.18718 | 11.77852 | -.001152 |
| #3 | 1.974324 | .0019395 | .0218427 | .000042  | 32.14907 | 11.85196 | -.001183 |

Sample Name: I2545-05      Acquired: 4/6/2017 17:15:55      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MC0BQ2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.000144 | .0052593 | .1632030 |
| Stddev | .000332  | .0005096 | .0028545 |
| %RSD   | 230.6160 | 9.688697 | 1.749071 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .000143  | .0056005 | .1623327 |
| #2 | -.000507 | .0046736 | .1608849 |
| #3 | -.000067 | .0055038 | .1663914 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1293.228 | 2271.191 | 40262.39 | 4474.466 | 3539.422 |
| Stddev    | 1.566    | 4.030    | 36.21    | 31.028   | 9.273    |
| %RSD      | .1210546 | .1774339 | .0899453 | .6934452 | .2619867 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1291.519 | 2274.862 | 40299.00 | 4481.377 | 3549.185 |
| #2 | 1294.593 | 2271.832 | 40261.60 | 4501.456 | 3538.348 |
| #3 | 1293.572 | 2266.879 | 40226.58 | 4440.566 | 3530.732 |

Sample Name: I2545-06      Acquired: 4/6/2017 17:20:02      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MC0BQ2D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0039000 | .0000430 | .0008875 | .0042588 | -.001487 | 1.826918 | .1195642 |
| Stddev | .0008678 | .0008929 | .0005630 | .0005477 | .000780  | .017982  | .0009351 |
| %RSD   | 22.25025 | 2078.642 | 63.43970 | 12.86051 | 52.48413 | .9843026 | .7820771 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0038236 | -.000375 | .0010327 | .0041910 | -.002163 | 1.818516 | .1191365 |
| #2 | .0030730 | .001068  | .0002661 | .0037481 | -.001665 | 1.847564 | .1206366 |
| #3 | .0048035 | -.000564 | .0013637 | .0048372 | -.000633 | 1.814675 | .1189194 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0021927 | .0009585 | 23.33407 | .0013594 | .0481065 | .0011169 | .0109956 |
| Stddev | .0000484 | .0000490 | .14906   | .0000786 | .0004814 | .0024950 | .0035478 |
| %RSD   | 2.205172 | 5.116384 | .6388177 | 5.780225 | 1.000619 | 223.3938 | 32.26604 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0022485 | .0010030 | 23.28167 | .0012699 | .0478893 | .0025312 | .0109207 |
| #2 | .0021633 | .0009666 | 23.50226 | .0013916 | .0486583 | .0025833 | .0145802 |
| #3 | .0021663 | .0009059 | 23.21829 | .0014168 | .0477721 | -.001764 | .0074857 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.389552 | 10.88761 | .0222706 | .0002174 | 56.89481 | -.003034 | .0690239 |
| Stddev | .035930  | .06734   | .0005719 | .0001720 | .47607   | .000579  | .0037353 |
| %RSD   | .8185368 | .6185451 | 2.568082 | 79.11643 | .8367490 | 19.08953 | 5.411554 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.392165 | 10.94949 | .0216109 | .0000263 | 56.80579 | -.002606 | .0721569 |
| #2 | 4.424105 | 10.89746 | .0226260 | .0002664 | 57.40910 | -.002802 | .0648902 |
| #3 | 4.352387 | 10.81589 | .0225750 | .0003597 | 56.46954 | -.003693 | .0700246 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.920223 | -.000041 | .0205226 | -.000000 | 32.20186 | 11.52497 | -.001177 |
| Stddev | .038011  | .001200  | .0009968 | .000186  | .15929   | .12368   | .000758  |
| %RSD   | 1.979506 | 2921.582 | 4.857127 | 115589.7 | .4946595 | 1.073143 | 64.39514 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.898512 | .000127  | .0210704 | -.000209 | 32.05041 | 11.57181 | -.001048 |
| #2 | 1.964114 | .001066  | .0211253 | .000062  | 32.36797 | 11.61838 | -.001991 |
| #3 | 1.898044 | -.001316 | .0193720 | .000146  | 32.18720 | 11.38471 | -.000491 |

Sample Name: I2545-06      Acquired: 4/6/2017 17:20:02      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MC0BQ2D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.000579 | .0058186 | .1596259 |
| Stddev | .000617  | .0006628 | .0012060 |
| %RSD   | 106.5782 | 11.39092 | .7555228 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.001073 | .0065743 | .1593176 |
| #2 | .000113  | .0055458 | .1609561 |
| #3 | -.000777 | .0053358 | .1586039 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1297.186 | 2263.581 | 40513.29 | 4578.599 | 3533.852 |
| Stddev    | 12.444   | 11.354   | 80.21    | 38.314   | 17.177   |
| %RSD      | .9592894 | .5016105 | .1979892 | .8368056 | .4860579 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1302.321 | 2274.306 | 40549.44 | 4577.102 | 3553.040 |
| #2 | 1306.241 | 2264.750 | 40569.06 | 4541.055 | 3528.606 |
| #3 | 1282.997 | 2251.688 | 40421.36 | 4617.639 | 3519.910 |

Sample Name: I2545-07      Acquired: 4/6/2017 17:24:08      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MC0BQ2S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0534253 | .0703097 | .0254317 | .0632074 | .1254316 | 4.152206 | 2.568058 |
| Stddev | .0005669 | .0028572 | .0004900 | .0042855 | .0012369 | .031139  | .019351  |
| %RSD   | 1.061092 | 4.063744 | 1.926598 | 6.780015 | .9861239 | .7499434 | .7535115 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0540590 | .0690824 | .0249084 | .0677273 | .1244569 | 4.127752 | 2.548272 |
| #2 | .0532507 | .0735755 | .0255071 | .0592030 | .1250147 | 4.187261 | 2.586942 |
| #3 | .0529663 | .0682712 | .0258796 | .0626919 | .1268230 | 4.141603 | 2.568962 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0615126 | .0620932 | 23.76088 | .2598389 | .6712171 | .3058596 | .9334760 |
| Stddev | .0004605 | .0001092 | .08903   | .0012736 | .0012754 | .0048319 | .0247787 |
| %RSD   | .7485681 | .1759206 | .3747051 | .4901461 | .1900093 | 1.579772 | 2.654452 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0611635 | .0620271 | 23.66825 | .2611713 | .6698724 | .3003379 | .9124311 |
| #2 | .0620345 | .0622192 | 23.84582 | .2597119 | .6724095 | .3093132 | .9607859 |
| #3 | .0613399 | .0620331 | 23.76856 | .2586336 | .6713693 | .3079279 | .9272111 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.114774 | 11.17283 | .6615051 | .0541726 | 58.31291 | .6396713 | .6332335 |
| Stddev | .047819  | .15265   | .0009227 | .0003226 | .42191   | .0055235 | .0119697 |
| %RSD   | .9349180 | 1.366230 | .1394891 | .5954334 | .7235348 | .8634908 | 1.890245 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.068465 | 11.09310 | .6604485 | .0543063 | 57.91983 | .6341474 | .6469123 |
| #2 | 5.163972 | 11.34883 | .6619139 | .0544069 | 58.75870 | .6451944 | .6281090 |
| #3 | 5.111884 | 11.07656 | .6621527 | .0538047 | 58.26020 | .6396721 | .6246792 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.957465 | -.001563 | .0201044 | .0004203 | 32.23271 | 11.73502 | -.000639 |
| Stddev | .050217  | .000895  | .0008831 | .0001963 | .03242   | .10520   | .000359  |
| %RSD   | 2.565426 | 57.27466 | 4.392394 | 46.69839 | .1005912 | .8964718 | 56.21277 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.899927 | -.001632 | .0208508 | .0004431 | 32.19587 | 11.65997 | -.000295 |
| #2 | 1.992466 | -.000635 | .0203328 | .0002136 | 32.25688 | 11.85527 | -.000610 |
| #3 | 1.980002 | -.002421 | .0191295 | .0006042 | 32.24538 | 11.68984 | -.001012 |

Sample Name: I2545-07      Acquired: 4/6/2017 17:24:08      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MC0BQ2S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.000380 | .0060104 | .1630651 |
| Stddev | .000372  | .0001985 | .0010740 |
| %RSD   | 98.01268 | 3.303330 | .6586140 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.000271 | .0061883 | .1620235 |
| #2 | -.000074 | .0057962 | .1641688 |
| #3 | -.000795 | .0060466 | .1630029 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1283.166 | 2242.868 | 40044.83 | 4492.016 | 3484.173 |
| Stddev    | 1.941    | 1.798    | 62.93    | 39.728   | 3.932    |
| %RSD      | .1512822 | .0801866 | .1571581 | .8844109 | .1128516 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1281.161 | 2241.764 | 40070.23 | 4529.962 | 3488.363 |
| #2 | 1285.037 | 2244.943 | 40091.09 | 4450.719 | 3480.563 |
| #3 | 1283.299 | 2241.897 | 39973.17 | 4495.368 | 3483.594 |

Sample Name: I2545-05LX5      Acquired: 4/6/2017 17:28:09      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MC0BQ2L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0009005 | .0018447 | .0006848 | .0010278 | -.001245 | .4081058 | .0276946 |
| Stddev | .0023578 | .0018871 | .0005404 | .0010632 | .000171  | .0112748 | .0002652 |
| %RSD   | 261.8231 | 102.2972 | 78.91619 | 103.4408 | 13.72979 | 2.762718 | .9574838 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0031780 | .0032703 | .0000685 | .0005068 | -.001425 | .3970901 | .0279088 |
| #2 | .0010538 | .0025591 | .0010777 | .0022510 | -.001085 | .4076045 | .0277769 |
| #3 | -.001530 | -.000295 | .0009081 | .0003256 | -.001225 | .4196230 | .0273980 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0005385 | .0001746 | 5.200458 | .0004089 | .0102585 | .0036088 | .0035881 |
| Stddev | .0000330 | .0000450 | .138112  | .0001870 | .0003104 | .0008579 | .0028768 |
| %RSD   | 6.119028 | 25.79142 | 2.655767 | 45.71605 | 3.025673 | 23.77346 | 80.17591 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0005049 | .0002115 | 5.089846 | .0002404 | .0101644 | .0045354 | .0005393 |
| #2 | .0005707 | .0001244 | 5.156271 | .0006100 | .0100061 | .0028421 | .0039704 |
| #3 | .0005400 | .0001878 | 5.355256 | .0003765 | .0106051 | .0034488 | .0062547 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .9980510 | 2.433800 | .0055400 | .0002504 | 12.75649 | .0022694 | .0147954 |
| Stddev | .0273557 | .104420  | .0001514 | .0000684 | .32442   | .0012754 | .0017268 |
| %RSD   | 2.740911 | 4.290403 | 2.732067 | 27.30596 | 2.543153 | 56.20248 | 11.67128 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .9753089 | 2.346448 | .0054050 | .0002186 | 12.39855 | .0008088 | .0134895 |
| #2 | .9904371 | 2.405499 | .0057036 | .0002037 | 12.83976 | .0031633 | .0167533 |
| #3 | 1.028407 | 2.549454 | .0055115 | .0003288 | 13.03116 | .0028360 | .0141435 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4295122 | .0014047 | .0024259 | .0001165 | 6.017118 | 2.595105 | .0005543 |
| Stddev | .0556139 | .0018952 | .0008512 | .0002053 | .173153  | .051023  | .0008002 |
| %RSD   | 12.94816 | 134.9175 | 35.08754 | 176.2760 | 2.877666 | 1.966125 | 144.3645 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4130877 | .0033535 | .0031312 | .0000545 | 6.066238 | 2.541267 | .0009827 |
| #2 | .3839603 | -.000432 | .0014804 | .0003456 | 5.824712 | 2.601302 | -.000369 |
| #3 | .4914887 | .001292  | .0026659 | -.000051 | 6.160404 | 2.642747 | .001049  |

Sample Name: I2545-05LX5      Acquired: 4/6/2017 17:28:09      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MC0BQ2L      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0000488 | .0013593 | .0358463 |
| Stddev | .0007236 | .0005743 | .0007244 |
| %RSD   | 1481.790 | 42.25179 | 2.020741 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0006929 | .0014749 | .0351850 |
| #2 | -.000734 | .0007359 | .0357334 |
| #3 | .000188  | .0018670 | .0366205 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1233.570 | 2203.668 | 38313.49 | 4176.920 | 3765.201 |
| Stddev    | 13.979   | 52.462   | 491.05   | 83.961   | 89.082   |
| %RSD      | 1.133219 | 2.380667 | 1.281665 | 2.010122 | 2.365927 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1236.969 | 2179.204 | 38540.20 | 4247.740 | 3736.993 |
| #2 | 1218.205 | 2263.894 | 37750.04 | 4198.850 | 3864.972 |
| #3 | 1245.536 | 2167.907 | 38650.22 | 4084.170 | 3693.638 |

Sample Name: PB98089BL      Acquired: 4/6/2017 17:32:16      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: PB98089BL      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0021692 | .0012682 | .0000155 | -.001463 | -.000470 | .0006176 | -.002930 |
| Stddev | .0006559 | .0012664 | .0007609 | .002054  | .000316  | .0030699 | .000603  |
| %RSD   | 30.23600 | 99.85561 | 4892.114 | 140.3839 | 67.28622 | 497.0521 | 20.58394 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0024252 | .0001556 | -.000367 | -.002906 | -.000208 | .0032913 | -.002749 |
| #2 | .0014239 | .0026463 | -.000478 | .000888  | -.000820 | .0012965 | -.002437 |
| #3 | .0026585 | .0010028 | .000892  | -.002371 | -.000380 | -.002735 | -.003602 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000356 | .0000175 | -.004590 | -.000085 | .0000698 | .0010761 | .0039722 |
| Stddev | .0000533 | .0000335 | .003090  | .000394  | .0000633 | .0008392 | .0020181 |
| %RSD   | 149.6103 | 191.9985 | 67.32429 | 463.3960 | 90.62085 | 77.98079 | 50.80456 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000302 | -.000002 | -.005883 | -.000447 | .0000603 | .0016748 | .0019677 |
| #2 | .0000915 | -.000001 | -.001063 | -.000143 | .0000119 | .0014366 | .0060035 |
| #3 | -.000015 | .000056  | -.006824 | .000335  | .0001373 | .0001169 | .0039454 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000372 | .0144278 | .0003940 | .0004099 | -.105744 | .0003829 | .0048745 |
| Stddev | .000418  | .0328206 | .0002279 | .0001267 | .140242  | .0017874 | .0055796 |
| %RSD   | 112.3949 | 227.4819 | 57.83227 | 30.92177 | 132.6236 | 466.8547 | 114.4650 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000123 | .0238138 | .0006572 | .0005122 | .043109  | .0007164 | .0008728 |
| #2 | -.000139 | .0415329 | .0002633 | .0002681 | -.124945 | -.001548 | .0025025 |
| #3 | -.000855 | -.022063 | .0002616 | .0004493 | -.235396 | .001980  | .0112481 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.060965 | .0005367 | -.002759 | .0000551 | .0093362 | -.004462 | .0001012 |
| Stddev | .037294  | .0013335 | .000485  | .0002905 | .0022356 | .000578  | .0000894 |
| %RSD   | 61.17258 | 248.4454 | 17.56495 | 526.7683 | 23.94511 | 12.95359 | 88.40716 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.031040 | .0020165 | -.002868 | .0003722 | .0067944 | -.005005 | .0001428 |
| #2 | -.102746 | -.000572 | -.003181 | -.000008 | .0109973 | -.003855 | -.000002 |
| #3 | -.049110 | .000166  | -.002230 | -.000198 | .0102170 | -.004525 | .000162  |

Sample Name: PB98089BL      Acquired: 4/6/2017 17:32:16      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: PB98089BL      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.000003 | -.000280 | .0000236 |
| Stddev | .000446  | .000420  | .0000105 |
| %RSD   | 16206.26 | 150.0303 | 44.36672 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.000448 | -.000112 | .0000325 |
| #2 | .000445  | -.000758 | .0000263 |
| #3 | -.000005 | .000030  | .0000121 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1245.970 | 2203.986 | 38730.36 | 4031.030 | 3840.732 |
| Stddev    | 3.782    | 3.919    | 217.49   | 132.646  | 2.231    |
| %RSD      | .3035726 | .1778029 | .5615410 | 3.290632 | .0580822 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1242.096 | 2201.636 | 38480.34 | 4055.590 | 3840.391 |
| #2 | 1249.654 | 2201.812 | 38834.89 | 4149.680 | 3838.691 |
| #3 | 1246.160 | 2208.510 | 38875.84 | 3887.820 | 3843.114 |

Sample Name: PB98089BS      Acquired: 4/6/2017 17:36:28      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: PB98089BS      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0221478 | .0533899 | .0186366 | .0694758 | .1190504 | .4037980 |
| Stddev | .0014641 | .0018219 | .0007434 | .0005611 | .0016795 | .0036507 |
| %RSD   | 6.610691 | 3.412362 | 3.988870 | .8075888 | 1.410790 | .9040983 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0220931 | .0519029 | .0194485 | .0699476 | .1192374 | .4078418 |
| #2 | .0207118 | .0528448 | .0184721 | .0696244 | .1172852 | .4028077 |
| #3 | .0236385 | .0554222 | .0179892 | .0688554 | .1206287 | .4007447 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4019053 | .0098578 | .0093282 | 9.668660 | .0214497 | .0924176 |
| Stddev | .0034401 | .0001110 | .0000690 | .095988  | .0004388 | .0003581 |
| %RSD   | .8559558 | 1.126392 | .7394765 | .9927738 | 2.045754 | .3874795 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4020770 | .0097890 | .0093726 | 9.656314 | .0209744 | .0920703 |
| #2 | .4052563 | .0099859 | .0092488 | 9.770223 | .0218394 | .0923969 |
| #3 | .3983825 | .0097985 | .0093634 | 9.579442 | .0215353 | .0927856 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0518260 | .1519179 | .0322449 | 9.835398 | .0771550 | .0189681 |
| Stddev | .0020780 | .0065067 | .0004747 | .077705  | .0003294 | .0007212 |
| %RSD   | 4.009573 | 4.283057 | 1.472219 | .7900507 | .4269840 | 3.802041 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0496419 | .1522855 | .0324569 | 9.758264 | .0771605 | .0181398 |
| #2 | .0520574 | .1582331 | .0325766 | 9.913661 | .0768228 | .0194568 |
| #3 | .0537785 | .1452352 | .0317011 | 9.834267 | .0774816 | .0193078 |

|        |          |          |          |          |            |            |
|--------|----------|----------|----------|----------|------------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm        |
| Avg    | 10.30115 | .1077088 | .1114750 | 9.411859 | F .0291275 | F .0163430 |
| Stddev | .02648   | .0030608 | .0078438 | .035049  | .0015691   | .0011261   |
| %RSD   | .2570441 | 2.841730 | 7.036338 | .3723943 | 5.387122   | 6.890236   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 10.32789 | .1069243 | .1044030 | 9.396084 | .0273547 | .0158517 |
| #2 | 10.30063 | .1110855 | .1199115 | 9.452023 | .0303382 | .0176312 |
| #3 | 10.27494 | .1051166 | .1101105 | 9.387469 | .0296894 | .0155460 |

Sample Name: PB98089BS      Acquired: 4/6/2017 17:36:28      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: PB98089BS      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899     | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .0224009 | .1768099 | .1904694 | F .0135930 | .2033107 | .1001258 |
| Stddev | .0001550 | .0039702 | .0008264 | .0008993   | .0011592 | .0001547 |
| %RSD   | .6920232 | 2.245437 | .4338856 | 6.616139   | .5701683 | .1545431 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0225536 | .1759975 | .1906521 | .0129704 | .2040067 | .0999755 |
| #2 | .0224055 | .1733087 | .1895669 | .0131845 | .2039529 | .1001174 |
| #3 | .0222436 | .1811234 | .1911892 | .0146241 | .2019726 | .1002846 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .2110308 |
| Stddev | .0014112 |
| %RSD   | .6687043 |

|    |          |
|----|----------|
| #1 | .2106938 |
| #2 | .2125800 |
| #3 | .2098187 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1233.750 | 2130.711 | 38680.28 | 4093.021 | 3653.680 |
| Stddev    | 33.727   | 5.989    | 1121.55  | 12.871   | 5.996    |
| %RSD      | 2.733659 | .2810921 | 2.899547 | .3144644 | .1641007 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1272.506 | 2134.662 | 39963.68 | 4097.829 | 3656.653 |
| #2 | 1217.680 | 2133.650 | 38188.73 | 4078.438 | 3657.608 |
| #3 | 1211.064 | 2123.820 | 37888.43 | 4102.796 | 3646.779 |

Sample Name: I2548-01      Acquired: 4/6/2017 17:40:37      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9YL2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0625522 | -.001287 | 7.216371 | -.011239 | .0026582 | 61.78599 | 4.615768 |
| Stddev | .0015784 | .000873  | .024895  | .004018  | .0018357 | .17299   | .004129  |
| %RSD   | 2.523247 | 67.81929 | .3449830 | 35.75010 | 69.05958 | .2799897 | .0894611 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0610820 | -.002274 | 7.190496 | -.014679 | .0032328 | 61.58701 | 4.611327 |
| #2 | .0623545 | -.000969 | 7.240155 | -.012214 | .0006039 | 61.87027 | 4.619491 |
| #3 | .0642201 | -.000617 | 7.218463 | -.006823 | .0041379 | 61.90069 | 4.616487 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0068511 | .0311013 | 68.41541 | .0955271 | .1345798 | .2446392 | 136.0643 |
| Stddev | .0000309 | .0002207 | .24361   | .0008593 | .0007290 | .0007598 | .3911    |
| %RSD   | .4510830 | .7095962 | .3560683 | .8995249 | .5416495 | .3106021 | .2874293 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0068301 | .0308552 | 68.13794 | .0956311 | .1337486 | .2451538 | 135.6261 |
| #2 | .0068866 | .0312816 | 68.59415 | .0963297 | .1351100 | .2437664 | 136.1889 |
| #3 | .0068367 | .0311671 | 68.51415 | .0946206 | .1348809 | .2449973 | 136.3780 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.37335 | 39.42851 | .1619942 | -.006807 | .9063790 | .2008949 | 2.111748 |
| Stddev | .04290   | .22415   | .0017480 | .000119  | .1217951 | .0017324 | .024910  |
| %RSD   | .4135548 | .5684975 | 1.079070 | 1.753137 | 13.43755 | .8623318 | 1.179600 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 10.32432 | 39.20008 | .1602363 | -.006780 | .8158025 | .1999216 | 2.140488 |
| #2 | 10.39177 | 39.64812 | .1637322 | -.006938 | 1.044839 | .2028950 | 2.096356 |
| #3 | 10.40396 | 39.43733 | .1620142 | -.006704 | .858495  | .1998680 | 2.098401 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.456944 | 2.940710 | -.035994 | .0007348 | 1.520472 | 5.625545 | .0063818 |
| Stddev | .063361  | .015236  | .002355  | .0004005 | .023235  | .042191  | .0005340 |
| %RSD   | 1.161099 | .5181230 | 6.542999 | 54.51086 | 1.528168 | .7499886 | 8.367264 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.401036 | 2.926718 | -.034549 | .0003179 | 1.497606 | 5.581441 | .0057702 |
| #2 | 5.525767 | 2.956942 | -.034720 | .0011167 | 1.544060 | 5.665519 | .0067557 |
| #3 | 5.444030 | 2.938469 | -.038711 | .0007698 | 1.519750 | 5.629676 | .0066194 |

Sample Name: I2548-01      Acquired: 4/6/2017 17:40:37      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MG9YL2      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .6503050 | .0407455 | .0794134 |
| Stddev | .0047186 | .0004276 | .0003493 |
| %RSD   | .7256035 | 1.049513 | .4398066 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .6450583 | .0402694 | .0791363 |
| #2 | .6542011 | .0410970 | .0798057 |
| #3 | .6516555 | .0408701 | .0792982 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1287.804 | 2298.730 | 41034.35 | 4574.270 | 3278.016 |
| Stddev    | 8.259    | 11.935   | 83.31    | 20.940   | 14.923   |
| %RSD      | .6413047 | .5192169 | .2030143 | .4577781 | .4552383 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1278.355 | 2298.294 | 40948.52 | 4593.203 | 3286.059 |
| #2 | 1291.410 | 2287.019 | 41039.66 | 4577.828 | 3260.797 |
| #3 | 1293.647 | 2310.878 | 41114.87 | 4551.779 | 3287.192 |

Sample Name: PB98090BL      Acquired: 4/6/2017 17:44:40      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: PBS002      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0027782 | .0004445 | -.001380 | -.002981 | -.000156 | -.000044 | -.002906 |
| Stddev | .0009106 | .0026723 | .001115  | .001463  | .001056  | .004795  | .000234  |
| %RSD   | 32.77756 | 601.2054 | 80.80529 | 49.09296 | 675.4570 | 10882.16 | 8.064325 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0018653 | .0031400 | -.002441 | -.001351 | .001063  | .003647  | -.002758 |
| #2 | .0027827 | .0003973 | -.000218 | -.003409 | -.000739 | -.005463 | -.003176 |
| #3 | .0036865 | -.002204 | -.001480 | -.004183 | -.000793 | .001684  | -.002783 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000519 | .0000405 | .0011919 | -.000378 | -.000006 | .0006669 | .0061195 |
| Stddev | .0000378 | .0000622 | .0118981 | .000246  | .000040  | .0013561 | .0008093 |
| %RSD   | 72.80581 | 153.5146 | 998.2413 | 65.19745 | 614.8427 | 203.3450 | 13.22527 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000119 | .0001110 | .0016716 | -.000360 | -.000015 | -.000473 | .0066559 |
| #2 | .0000870 | .0000174 | .0128429 | -.000632 | -.000041 | .002167  | .0065140 |
| #3 | .0000567 | -.000007 | -.010939 | -.000141 | .000037  | .000307  | .0051886 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000106 | .0078146 | .0000053 | .0000918 | .0135024 | -.001387 | .0047850 |
| Stddev | .000248  | .0151440 | .0001288 | .0001227 | .0076000 | .002601  | .0064235 |
| %RSD   | 234.4581 | 193.7897 | 2427.125 | 133.7593 | 56.28625 | 187.5528 | 134.2436 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000345 | .0174318 | .0001540 | .0001943 | .0096837 | -.004129 | .0116958 |
| #2 | -.000122 | -.009642 | -.000072 | .0001252 | .0085690 | .001046  | -.001003 |
| #3 | .000150  | .015654  | -.000066 | -.000044 | .0222545 | -.001078 | .003663  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.082506 | -.000129 | -.003386 | .0000443 | .0073603 | -.003459 | .0003262 |
| Stddev | .017417  | .002189  | .000325  | .0001051 | .0026573 | .000901  | .0007516 |
| %RSD   | 21.11011 | 1691.273 | 9.590490 | 237.1647 | 36.10288 | 26.06559 | 230.3753 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.090173 | -.001364 | -.003673 | .0000432 | .0087929 | -.003017 | .0007314 |
| #2 | -.062571 | .002398  | -.003452 | .0001500 | .0042941 | -.002863 | .0007883 |
| #3 | -.094775 | -.001422 | -.003033 | -.000060 | .0089939 | -.004496 | -.000541 |

Sample Name: PB98090BL      Acquired: 4/6/2017 17:44:40      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: PBS002      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0000826 | .0000853 | .0000193 |
| Stddev | .0007710 | .0003761 | .0000258 |
| %RSD   | 933.5001 | 441.1402 | 133.9095 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.000795 | -.000249 | .0000222 |
| #2 | .000650  | .000492  | -.000008 |
| #3 | .000393  | .000013  | .000044  |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1254.528 | 2168.639 | 39035.71 | 4036.293 | 3785.491 |
| Stddev    | 4.878    | 21.564   | 53.55    | 22.947   | 41.266   |
| %RSD      | .3888206 | .9943722 | .1371827 | .5685246 | 1.090099 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1249.012 | 2179.228 | 39028.73 | 4034.120 | 3798.034 |
| #2 | 1258.274 | 2182.862 | 38986.00 | 4014.510 | 3819.030 |
| #3 | 1256.299 | 2143.828 | 39092.41 | 4060.250 | 3739.409 |

Sample Name: PB98090BS      Acquired: 4/6/2017 17:48:50      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: LCS002      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0210347 | .0497412 | .0191761 | .0661644 | .1174967 | .3993289 | .4007745 |
| Stddev | .0004888 | .0011696 | .0008308 | .0011654 | .0017019 | .0075172 | .0020783 |
| %RSD   | 2.323636 | 2.351379 | 4.332387 | 1.761397 | 1.448431 | 1.882465 | .5185640 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0213237 | .0493950 | .0182453 | .0665916 | .1165131 | .4017914 | .4020077 |
| #2 | .0204703 | .0487838 | .0194409 | .0670560 | .1165151 | .4053059 | .4019407 |
| #3 | .0213099 | .0510449 | .0198423 | .0648457 | .1194618 | .3908892 | .3983750 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0096274 | .0091660 | 9.618177 | .0218130 | .0920084 | .0522196 | .1481253 |
| Stddev | .0000211 | .0000320 | .043077  | .0005646 | .0005843 | .0015692 | .0050669 |
| %RSD   | .2191411 | .3494998 | .4478723 | 2.588378 | .6350002 | 3.004911 | 3.420685 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0096385 | .0091344 | 9.666588 | .0220606 | .0914976 | .0532980 | .1481836 |
| #2 | .0096031 | .0091651 | 9.603868 | .0222116 | .0918823 | .0529414 | .1430295 |
| #3 | .0096407 | .0091984 | 9.584076 | .0211669 | .0926455 | .0504194 | .1531628 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0325404 | 9.746989 | .0759270 | .0186935 | 10.29661 | .1082666 | .1117154 |
| Stddev | .0000581 | .036673  | .0003633 | .0002442 | .11846   | .0019183 | .0053284 |
| %RSD   | .1784134 | .3762484 | .4784147 | 1.306555 | 1.150434 | 1.771827 | 4.769634 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0324820 | 9.767809 | .0755133 | .0184190 | 10.18739 | .1102799 | .1172474 |
| #2 | .0325411 | 9.768513 | .0760744 | .0188868 | 10.42253 | .1080598 | .1112816 |
| #3 | .0325981 | 9.704645 | .0761934 | .0187746 | 10.27991 | .1064600 | .1066171 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.452747 | .0321910 | .0163725 | .0222846 | .1693210 | .1919691 | .0143903 |
| Stddev | .081616  | .0015842 | .0006709 | .0002097 | .0031261 | .0012830 | .0015151 |
| %RSD   | .8634140 | 4.921259 | 4.097503 | .9409544 | 1.846279 | .6683176 | 10.52826 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 9.529976 | .0337889 | .0168539 | .0222844 | .1680826 | .1928170 | .0127802 |
| #2 | 9.460910 | .0306208 | .0166573 | .0220750 | .1728766 | .1925971 | .0146029 |
| #3 | 9.367356 | .0321632 | .0156062 | .0224944 | .1670038 | .1904931 | .0157878 |

Sample Name: PB98090BS      Acquired: 4/6/2017 17:48:50      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: LCS002      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .2021379 | .1007396 | .2102827 |
| Stddev | .0011584 | .0014243 | .0010629 |
| %RSD   | .5730680 | 1.413874 | .5054603 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .2025756 | .1013167 | .2111405 |
| #2 | .2030136 | .1017847 | .2106140 |
| #3 | .2008244 | .0991172 | .2090936 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1190.466 | 2094.802 | 37415.11 | 4017.636 | 3593.766 |
| Stddev    | 12.075   | 9.465    | 246.38   | 29.053   | 17.263   |
| %RSD      | 1.014302 | .4518474 | .6585013 | .7231308 | .4803563 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1176.976 | 2104.965 | 37132.35 | 3998.513 | 3608.930 |
| #2 | 1200.264 | 2093.202 | 37583.64 | 4003.328 | 3597.388 |
| #3 | 1194.159 | 2086.238 | 37529.33 | 4051.068 | 3574.979 |

Sample Name: I2548-11      Acquired: 4/6/2017 17:52:57      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9YM2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0537813 | -.003215 | 3.283991 | -.013471 | .0018867 | 62.39922 | 1.850908 |
| Stddev | .0014048 | .000651  | .009682  | .003825  | .0011603 | 3.65587  | .107762  |
| %RSD   | 2.612011 | 20.24989 | .2948147 | 28.39695 | 61.49955 | 5.858847 | 5.822110 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0551812 | -.003548 | 3.287988 | -.009088 | .0007403 | 65.78777 | 1.952310 |
| #2 | .0523718 | -.002465 | 3.291034 | -.016133 | .0030604 | 58.52464 | 1.737750 |
| #3 | .0537909 | -.003633 | 3.272950 | -.015194 | .0018594 | 62.88524 | 1.862663 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0063124 | .0101946 | 38.04612 | .1002257 | .0932100 | .1526311 | 123.3724 |
| Stddev | .0002637 | .0001398 | 2.14273  | .0007207 | .0005984 | .0083697 | 6.9173   |
| %RSD   | 4.177647 | 1.370913 | 5.631935 | .7190859 | .6419617 | 5.483584 | 5.606858 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0065901 | .0101015 | 39.92234 | .0995810 | .0932695 | .1601973 | 129.5525 |
| #2 | .0060654 | .0103553 | 35.71117 | .1010038 | .0937764 | .1436408 | 115.9001 |
| #3 | .0062817 | .0101269 | 38.50483 | .1000925 | .0925841 | .1540553 | 124.6645 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.190257 | 16.93785 | .1402839 | -.007697 | .6518306 | .1830815 | .9732902 |
| Stddev | .424415  | .92279   | .0004022 | .000423  | .0059001 | .0072678 | .0244020 |
| %RSD   | 5.181947 | 5.448102 | .2866729 | 5.501040 | .9051544 | 3.969689 | 2.507169 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 8.572587 | 17.70633 | .1407448 | -.007225 | .6501454 | .1890105 | .9967600 |
| #2 | 7.733581 | 15.91437 | .1401024 | -.008045 | .6469565 | .1749735 | .9480521 |
| #3 | 8.264603 | 17.19284 | .1400044 | -.007820 | .6583899 | .1852604 | .9750585 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.645142 | 2.778317 | -.034310 | .0008088 | .7861058 | 4.180832 | .0064785 |
| Stddev | .367989  | .004230  | .000351  | .0001868 | .0070416 | .189176  | .0021476 |
| %RSD   | 6.518690 | .1522496 | 1.023835 | 23.10158 | .8957622 | 4.524850 | 33.14948 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.977718 | 2.780198 | -.034715 | .0008777 | .7796733 | 4.326530 | .0079326 |
| #2 | 5.249811 | 2.781280 | -.034091 | .0005973 | .7936292 | 3.967033 | .0040118 |
| #3 | 5.707898 | 2.773473 | -.034124 | .0009515 | .7850149 | 4.248931 | .0074912 |

Sample Name: I2548-11      Acquired: 4/6/2017 17:52:57      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MG9YM2      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5729756 | .0417614 | .0596553 |
| Stddev | .0295903 | .0026188 | .0035279 |
| %RSD   | 5.164321 | 6.270901 | 5.913832 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .6015233 | .0434594 | .0629271 |
| #2 | .5424427 | .0387454 | .0559175 |
| #3 | .5749606 | .0430794 | .0601212 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1301.910 | 2300.768 | 41078.30 | 4670.365 | 3332.535 |
| Stddev    | 2.801    | 3.944    | 24.74    | 212.362  | 3.513    |
| %RSD      | .2151086 | .1714314 | .0602332 | 4.547018 | .1054259 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1299.204 | 2296.246 | 41055.53 | 4482.738 | 3328.686 |
| #2 | 1301.729 | 2302.560 | 41104.63 | 4900.908 | 3333.348 |
| #3 | 1304.796 | 2303.498 | 41074.74 | 4627.449 | 3335.571 |

Sample Name: I2548-12      Acquired: 4/6/2017 17:57:01      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9YM2D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0577800 | -.003744 | 3.254703 | -.012902 | .0020926 | 63.71650 | 1.892541 |
| Stddev | .0029185 | .002039  | .009952  | .003393  | .0003246 | .65854   | .019572  |
| %RSD   | 5.050969 | 54.45905 | .3057735 | 26.29532 | 15.51146 | 1.033555 | 1.034167 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0553150 | -.005082 | 3.244688 | -.015191 | .0020265 | 63.47122 | 1.887626 |
| #2 | .0570226 | -.004754 | 3.254828 | -.014510 | .0024451 | 64.46248 | 1.914102 |
| #3 | .0610025 | -.001397 | 3.264591 | -.009004 | .0018061 | 63.21579 | 1.875894 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0064306 | .0098322 | 38.94662 | .0985278 | .0929351 | .1545990 | 125.7429 |
| Stddev | .0002636 | .0002224 | .34932   | .0009373 | .0002607 | .0009880 | 1.2938   |
| %RSD   | 4.098726 | 2.261684 | .8969292 | .9512839 | .2804701 | .6390544 | 1.028903 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0062677 | .0099379 | 38.67614 | .0983838 | .0926382 | .1536886 | 124.8854 |
| #2 | .0067347 | .0095767 | 39.34101 | .0976708 | .0930410 | .1556496 | 127.2311 |
| #3 | .0062895 | .0099820 | 38.82270 | .0995287 | .0931262 | .1544589 | 125.1122 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.356404 | 17.21334 | .1388746 | -.007873 | .7665374 | .1898565 | .9593886 |
| Stddev | .085763  | .18347   | .0002820 | .000213  | .0494159 | .0024798 | .0159406 |
| %RSD   | 1.026310 | 1.065864 | .2030912 | 2.707058 | 6.446638 | 1.306136 | 1.661536 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 8.312700 | 17.16762 | .1389583 | -.007816 | .7094984 | .1872257 | .9513331 |
| #2 | 8.455215 | 17.41534 | .1385602 | -.007694 | .7936998 | .1921510 | .9777493 |
| #3 | 8.301297 | 17.05705 | .1391053 | -.008108 | .7964141 | .1901928 | .9490833 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.764573 | 2.748544 | -.034572 | .0006287 | .7688439 | 4.240529 | .0049850 |
| Stddev | .053903  | .021428  | .000342  | .0001663 | .0058301 | .026872  | .0008017 |
| %RSD   | .9350775 | .7795981 | .9892195 | 26.45510 | .7582896 | .6336913 | 16.08297 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.736872 | 2.724481 | -.034287 | .0007371 | .7623300 | 4.220155 | .0056048 |
| #2 | 5.826695 | 2.755588 | -.034951 | .0004372 | .7706289 | 4.270983 | .0052706 |
| #3 | 5.730154 | 2.765562 | -.034478 | .0007119 | .7735728 | 4.230449 | .0040796 |

Sample Name: I2548-12      Acquired: 4/6/2017 17:57:01      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9YM2D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5865963 | .0420215 | .0609116 |
| Stddev | .0101722 | .0001874 | .0006868 |
| %RSD   | 1.734109 | .4460232 | 1.127536 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .5791371 | .0422362 | .0606872 |
| #2 | .5981837 | .0418905 | .0616826 |
| #3 | .5824682 | .0419377 | .0603651 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1308.977 | 2322.673 | 41281.44 | 4562.740 | 3356.199 |
| Stddev    | 3.280    | 4.985    | 57.32    | 24.971   | 4.279    |
| %RSD      | .2506112 | .2146174 | .1388610 | .5472769 | .1274812 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1311.215 | 2317.048 | 41244.61 | 4571.773 | 3353.995 |
| #2 | 1305.211 | 2326.545 | 41252.23 | 4534.510 | 3361.130 |
| #3 | 1310.505 | 2324.426 | 41347.49 | 4581.937 | 3353.472 |

Sample Name: I2548-13      Acquired: 4/6/2017 18:01:04      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9YM2S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1247828 | .0920812 | 3.332413 | .0742247 | .1742494 | 67.29181 | 5.501709 |
| Stddev | .0026536 | .0019339 | .013840  | .0045427 | .0025419 | .12751   | .007796  |
| %RSD   | 2.126583 | 2.100233 | .4153018 | 6.120173 | 1.458779 | .1894884 | .1417006 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1274979 | .0911076 | 3.336983 | .0701734 | .1771606 | 67.35999 | 5.506559 |
| #2 | .1246550 | .0943085 | 3.316867 | .0791358 | .1724695 | 67.14471 | 5.492716 |
| #3 | .1221953 | .0908277 | 3.343390 | .0733648 | .1731181 | 67.37074 | 5.505852 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0854228 | .0987141 | 38.76450 | .4539997 | 1.029156 | .5900882 | 127.1144 |
| Stddev | .0004230 | .0003877 | .15983   | .0006480 | .005244  | .0015902 | .5333    |
| %RSD   | .4951683 | .3927671 | .4123145 | .1427342 | .5095826 | .2694864 | .4195297 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0849365 | .0987626 | 38.58657 | .4534966 | 1.028797 | .5915517 | 126.9651 |
| #2 | .0856260 | .0983045 | 38.81103 | .4537716 | 1.024100 | .5883961 | 126.6717 |
| #3 | .0857058 | .0990754 | 38.89591 | .4547309 | 1.034570 | .5903169 | 127.7064 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.165920 | 17.14264 | 1.089774 | .0661516 | .7252781 | 1.090317 | 1.766510 |
| Stddev | .029302  | .11646   | .005287  | .0002179 | .1399436 | .001782  | .019744  |
| %RSD   | .3196833 | .6793705 | .4851017 | .3293440 | 19.29516 | .1634298 | 1.117693 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 9.168052 | 17.10800 | 1.089825 | .0660595 | .7429292 | 1.091643 | 1.780895 |
| #2 | 9.135610 | 17.04744 | 1.084463 | .0664004 | .5773463 | 1.091017 | 1.744000 |
| #3 | 9.194097 | 17.27250 | 1.095036 | .0659949 | .8555587 | 1.088291 | 1.774635 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.922378 | 2.805965 | -.034055 | .0002322 | .7725736 | 6.012766 | .0080715 |
| Stddev | .020608  | .016070  | .001648  | .0001400 | .0046051 | .017720  | .0012555 |
| %RSD   | .3479630 | .5727044 | 4.840527 | 60.28041 | .5960715 | .2947070 | 15.55443 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.932352 | 2.804138 | -.034664 | .0001746 | .7680095 | 5.993309 | .0073124 |
| #2 | 5.936102 | 2.790887 | -.032189 | .0001302 | .7724926 | 6.017013 | .0095207 |
| #3 | 5.898681 | 2.822870 | -.035313 | .0003918 | .7772186 | 6.027977 | .0073815 |

Sample Name: I2548-13      Acquired: 4/6/2017 18:01:04      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9YM2S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .6171517 | .0427039 | .0610765 |
| Stddev | .0049781 | .0002454 | .0001990 |
| %RSD   | .8066327 | .5745632 | .3257632 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .6147224 | .0429824 | .0612472 |
| #2 | .6138546 | .0425195 | .0608580 |
| #3 | .6228781 | .0426098 | .0611244 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1301.697 | 2301.432 | 41182.97 | 4622.530 | 3324.180 |
| Stddev    | 3.714    | 3.224    | 46.15    | 7.561    | 11.160   |
| %RSD      | .2853108 | .1400822 | .1120488 | .1635608 | .3357149 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1305.824 | 2301.894 | 41166.51 | 4622.990 | 3319.709 |
| #2 | 1300.642 | 2304.399 | 41235.09 | 4629.850 | 3336.882 |
| #3 | 1298.624 | 2298.002 | 41147.31 | 4614.750 | 3315.949 |

Sample Name: I2548-11LX5      Acquired: 4/6/2017 18:05:02      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9YM2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0179098 | .0012927 | .6737285 | -.003629 | .0001487 | 13.93895 | .4086395 |
| Stddev | .0008321 | .0025191 | .0034355 | .002511  | .0006891 | .03995   | .0017896 |
| %RSD   | 4.645865 | 194.8629 | .5099203 | 69.19060 | 463.4054 | .2866067 | .4379517 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0176410 | -.001333 | .6712071 | -.006453 | .0001790 | 13.97412 | .4105163 |
| #2 | .0188431 | .003689  | .6776415 | -.002788 | .0008222 | 13.94722 | .4069521 |
| #3 | .0172454 | .001522  | .6723369 | -.001647 | -.000555 | 13.89551 | .4084499 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0014934 | .0019706 | 8.670034 | .0220646 | .0186651 | .0337734 | 25.87582 |
| Stddev | .0000593 | .0001338 | .015503  | .0004594 | .0002457 | .0019937 | .00247   |
| %RSD   | 3.969296 | 6.788968 | .1788073 | 2.082058 | 1.316217 | 5.903132 | .0095275 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0015362 | .0018202 | 8.687164 | .0223608 | .0188765 | .0359841 | 25.87853 |
| #2 | .0015183 | .0020154 | 8.656969 | .0215354 | .0187232 | .0321119 | 25.87372 |
| #3 | .0014257 | .0020763 | 8.665969 | .0222976 | .0183956 | .0332243 | 25.87521 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.883638 | 3.825838 | .0283789 | -.001594 | .0480783 | .0444890 | .2180181 |
| Stddev | .010340  | .035697  | .0000589 | .000246  | .0600045 | .0023138 | .0103100 |
| %RSD   | .5489321 | .9330499 | .2075526 | 15.46162 | 124.8056 | 5.200758 | 4.728952 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.885995 | 3.846795 | .0283480 | -.001428 | .1016806 | .0451850 | .2227040 |
| #2 | 1.892596 | 3.846099 | .0283418 | -.001877 | .0592987 | .0463750 | .2251528 |
| #3 | 1.872323 | 3.784621 | .0284468 | -.001477 | -.016744 | .0419072 | .2061974 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.211441 | .5421158 | -.012354 | .0000833 | .1562102 | .9572526 | .0020643 |
| Stddev | .028433  | .0041018 | .000595  | .0002978 | .0038881 | .0115967 | .0005189 |
| %RSD   | 2.347062 | .7566278 | 4.817291 | 357.6344 | 2.489018 | 1.211461 | 25.13792 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.243774 | .5379067 | -.012364 | -.000036 | .1517739 | .9658906 | .0018398 |
| #2 | 1.190336 | .5461012 | -.011754 | .000422  | .1578307 | .9440723 | .0026577 |
| #3 | 1.200214 | .5423396 | -.012944 | -.000137 | .1590259 | .9617948 | .0016954 |

Sample Name: I2548-11LX5      Acquired: 4/6/2017 18:05:02      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9YM2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .1285206 | .0092242 | .0134392 |
| Stddev | .0010792 | .0004451 | .0000498 |
| %RSD   | .8396766 | 4.825180 | .3702507 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .1275218 | .0093784 | .0134537 |
| #2 | .1296653 | .0095716 | .0134800 |
| #3 | .1283747 | .0087225 | .0133838 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1251.027 | 2174.940 | 39222.86 | 4210.600 | 3622.162 |
| Stddev    | 38.189   | 13.082   | 1061.35  | 24.611   | 18.048   |
| %RSD      | 3.052592 | .6014787 | 2.705937 | .5844938 | .4982581 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1218.227 | 2182.317 | 38334.34 | 4182.496 | 3631.900 |
| #2 | 1292.951 | 2159.836 | 40398.11 | 4228.297 | 3601.336 |
| #3 | 1241.902 | 2182.668 | 38936.12 | 4221.007 | 3633.248 |

Sample Name: I2550-14      Acquired: 4/6/2017 18:09:09      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9YP5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0478223 | -.003372 | 4.584401 | -.007001 | .0023676 | 45.28491 | 2.934617 |
| Stddev | .0029183 | .001103  | .090148  | .002153  | .0010586 | .24478   | .017578  |
| %RSD   | 6.102377 | 32.69772 | 1.966408 | 30.75749 | 44.71302 | .5405424 | .5989872 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0475247 | -.002347 | 4.663034 | -.006894 | .0024318 | 45.55210 | 2.953640 |
| #2 | .0450642 | -.003231 | 4.604156 | -.009206 | .0012783 | 45.23119 | 2.931236 |
| #3 | .0508780 | -.004539 | 4.486015 | -.004903 | .0033926 | 45.07145 | 2.918976 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0050853 | .0186475 | 59.92309 | .0804391 | .0919990 | .1848850 | 99.27033 |
| Stddev | .0000791 | .0003397 | .30776   | .0003233 | .0019742 | .0024647 | .55670   |
| %RSD   | 1.556215 | 1.821973 | .5135941 | .4018987 | 2.145932 | 1.333081 | .5607946 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0051715 | .0189406 | 60.01920 | .0801110 | .0938650 | .1875862 | 99.79461 |
| #2 | .0050159 | .0187267 | 60.17134 | .0804488 | .0922001 | .1843105 | 99.33031 |
| #3 | .0050685 | .0182751 | 59.57875 | .0807574 | .0899319 | .1827583 | 98.68606 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.366575 | 29.97606 | .1199823 | -.005380 | .6024356 | .1568634 | 1.492182 |
| Stddev | .057078  | .14215   | .0019453 | .000247  | .1172750 | .0003984 | .003966  |
| %RSD   | .7748281 | .4742034 | 1.621329 | 4.592720 | 19.46682 | .2539995 | .2657836 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.425515 | 30.13559 | .1217848 | -.005179 | .7320833 | .1567497 | 1.494101 |
| #2 | 7.362651 | 29.92973 | .1202419 | -.005306 | .5714797 | .1565342 | 1.494823 |
| #3 | 7.311560 | 29.86285 | .1179203 | -.005656 | .5037438 | .1573063 | 1.487621 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.447858 | 2.616041 | -.026662 | .0006661 | 1.649871 | 4.009365 | .0038242 |
| Stddev | .053799  | .047479  | .001135  | .0003931 | .037104  | .044570  | .0002590 |
| %RSD   | 1.209541 | 1.814934 | 4.256292 | 59.02213 | 2.248903 | 1.111650 | 6.772760 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.506337 | 2.656350 | -.027966 | .0008569 | 1.682481 | 4.060447 | .0041117 |
| #2 | 4.400468 | 2.628068 | -.025895 | .0002140 | 1.657632 | 3.978395 | .0037517 |
| #3 | 4.436769 | 2.563704 | -.026126 | .0009273 | 1.609501 | 3.989252 | .0036091 |

Sample Name: I2550-14      Acquired: 4/6/2017 18:09:09      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MG9YP5      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .4873409 | .0289700 | .0666214 |
| Stddev | .0046758 | .0003129 | .0004736 |
| %RSD   | .9594499 | 1.080048 | .7108421 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .4922210 | .0291749 | .0671059 |
| #2 | .4869012 | .0291253 | .0665989 |
| #3 | .4829005 | .0286098 | .0661596 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1248.287 | 2233.870 | 39808.72 | 4530.512 | 3335.926 |
| Stddev    | 4.333    | 36.388   | 86.75    | 22.672   | 57.196   |
| %RSD      | .3471245 | 1.628934 | .2179094 | .5004237 | 1.714535 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1245.946 | 2197.210 | 39743.56 | 4504.677 | 3281.889 |
| #2 | 1253.287 | 2234.419 | 39907.18 | 4539.768 | 3330.059 |
| #3 | 1245.628 | 2269.980 | 39775.42 | 4547.092 | 3395.829 |

Sample Name: I2550-16      Acquired: 4/6/2017 18:17:17      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9YP5S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1220979 | .0922859 | 5.101464 | .0776141 | .1901476 | 52.05237 | 6.755049 |
| Stddev | .0064003 | .0022956 | .047431  | .0033205 | .0014179 | .81585   | .100995  |
| %RSD   | 5.241949 | 2.487497 | .9297430 | 4.278149 | .7456966 | 1.567372 | 1.495100 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1255919 | .0925668 | 5.117981 | .0798075 | .1914583 | 52.49119 | 6.817025 |
| #2 | .1147111 | .0898628 | 5.047983 | .0737940 | .1886425 | 52.55490 | 6.809614 |
| #3 | .1259908 | .0944282 | 5.138428 | .0792409 | .1903419 | 51.11102 | 6.638509 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0827647 | .1100271 | 63.48561 | .4483992 | 1.048688 | .6338656 | 107.6946 |
| Stddev | .0009581 | .0008753 | .92860   | .0035268 | .009301  | .0100847 | 1.9281   |
| %RSD   | 1.157564 | .7955141 | 1.462689 | .7865370 | .8868855 | 1.590981 | 1.790302 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0833854 | .1105614 | 64.06208 | .4484829 | 1.054310 | .6386787 | 108.9193 |
| #2 | .0832474 | .1090170 | 63.98034 | .4448313 | 1.037952 | .6406420 | 108.6924 |
| #3 | .0816613 | .1105029 | 62.41439 | .4518834 | 1.053801 | .6222762 | 105.4721 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.618960 | 31.96356 | 1.095927 | .0696923 | .6120440 | 1.055157 | 2.423597 |
| Stddev | .143419  | .56442   | .010622  | .0002663 | .1459533 | .013605  | .009682  |
| %RSD   | 1.663991 | 1.765834 | .9692368 | .3821013 | 23.84687 | 1.289418 | .3994986 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 8.697229 | 32.22579 | 1.101871 | .0695118 | .6808026 | 1.062885 | 2.430522 |
| #2 | 8.706215 | 32.34916 | 1.083663 | .0699981 | .7109184 | 1.063138 | 2.427735 |
| #3 | 8.453436 | 31.31572 | 1.102246 | .0695670 | .4444109 | 1.039448 | 2.412533 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.962000 | 2.934165 | -.027043 | .0005930 | 1.820962 | 6.321286 | .0050894 |
| Stddev | .051295  | .031660  | .001373  | .0001611 | .022588  | .139353  | .0006624 |
| %RSD   | 1.033752 | 1.079009 | 5.077132 | 27.17210 | 1.240468 | 2.204506 | 13.01470 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.970320 | 2.952632 | -.028161 | .0007549 | 1.836442 | 6.366079 | .0052723 |
| #2 | 5.008627 | 2.897608 | -.027458 | .0005913 | 1.795042 | 6.432734 | .0056411 |
| #3 | 4.907055 | 2.952255 | -.025511 | .0004327 | 1.831403 | 6.165044 | .0043548 |

Sample Name: I2550-16      Acquired: 4/6/2017 18:17:17      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MG9YP5S      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5624964 | .0316441 | .0717667 |
| Stddev | .0116096 | .0007346 | .0011051 |
| %RSD   | 2.063945 | 2.321357 | 1.539865 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .5644143 | .0322975 | .0725194 |
| #2 | .5730277 | .0317859 | .0722827 |
| #3 | .5500473 | .0308490 | .0704980 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1236.354 | 2177.020 | 39671.51 | 4691.462 | 3242.148 |
| Stddev    | .906     | 19.266   | 66.29    | 77.577   | 27.934   |
| %RSD      | .0732537 | .8849689 | .1670917 | 1.653573 | .8615967 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1236.723 | 2163.986 | 39604.18 | 4640.124 | 3224.389 |
| #2 | 1235.322 | 2199.150 | 39736.70 | 4653.560 | 3274.347 |
| #3 | 1237.017 | 2167.924 | 39673.66 | 4780.704 | 3227.709 |

Sample Name: I2548-02      Acquired: 4/6/2017 18:25:23      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9YL3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0516321 | -.003202 | 4.864016 | -.010181 | .0019706 | 43.14880 | 3.043785 |
| Stddev | .0010191 | .004629  | .011372  | .001149  | .0004048 | .28530   | .021201  |
| %RSD   | 1.973843 | 144.5698 | .2338024 | 11.28779 | 20.54398 | .6612064 | .6965373 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0506279 | -.006002 | 4.857248 | -.009495 | .0020162 | 43.45211 | 3.068252 |
| #2 | .0526656 | .002141  | 4.857655 | -.009541 | .0015448 | 43.10850 | 3.032257 |
| #3 | .0516028 | -.005744 | 4.877145 | -.011508 | .0023506 | 42.88579 | 3.030845 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0047880 | .0222596 | 45.47852 | .0899999 | .0929436 | .1728749 | 96.33792 |
| Stddev | .0000900 | .0000911 | .28541   | .0010056 | .0004487 | .0027945 | .60932   |
| %RSD   | 1.879972 | .4094115 | .6275657 | 1.117379 | .4827447 | 1.616497 | .6324779 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0048775 | .0223575 | 45.80791 | .0899401 | .0926971 | .1759147 | 97.00838 |
| #2 | .0047890 | .0221772 | 45.30468 | .0910341 | .0926721 | .1722926 | 96.18744 |
| #3 | .0046975 | .0222442 | 45.32297 | .0890255 | .0934615 | .1704174 | 95.81794 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.053079 | 26.00450 | .1247695 | -.004800 | .5719790 | .1477061 | 1.499322 |
| Stddev | .059865  | .15680   | .0007119 | .000079  | .0637942 | .0024542 | .011406  |
| %RSD   | .8487782 | .6029888 | .5705824 | 1.651459 | 11.15324 | 1.661517 | .7607295 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.118497 | 26.18480 | .1252389 | -.004890 | .5098316 | .1502930 | 1.488420 |
| #2 | 7.039714 | 25.90002 | .1239504 | -.004770 | .6373014 | .1454108 | 1.511172 |
| #3 | 7.001026 | 25.92867 | .1251192 | -.004740 | .5688039 | .1474145 | 1.498375 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.814831 | 2.145734 | -.025815 | .0008836 | .9827879 | 4.194589 | .0071196 |
| Stddev | .048244  | .007062  | .001528  | .0004359 | .0009058 | .049841  | .0005472 |
| %RSD   | 1.264639 | .3291078 | 5.920985 | 49.32992 | .0921655 | 1.188219 | 7.685227 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.870321 | 2.153885 | -.026158 | .0013787 | .9830794 | 4.238747 | .0075145 |
| #2 | 3.782830 | 2.141847 | -.027142 | .0005575 | .9817723 | 4.204473 | .0064951 |
| #3 | 3.791343 | 2.141469 | -.024144 | .0007146 | .9835121 | 4.140546 | .0073493 |

Sample Name: I2548-02      Acquired: 4/6/2017 18:25:23      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MG9YL3      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5002402 | .0273008 | .0565258 |
| Stddev | .0040094 | .0004622 | .0005542 |
| %RSD   | .8014924 | 1.693187 | .9804772 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .5041653 | .0275197 | .0571647 |
| #2 | .4961516 | .0276130 | .0561746 |
| #3 | .5004037 | .0267698 | .0562380 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1260.926 | 2205.794 | 40176.06 | 4596.923 | 3332.880 |
| Stddev    | .567     | 14.451   | 315.48   | 42.214   | 12.446   |
| %RSD      | .0450050 | .6551552 | .7852343 | .9183080 | .3734424 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1261.411 | 2197.727 | 40093.44 | 4550.170 | 3327.056 |
| #2 | 1260.302 | 2222.478 | 39910.12 | 4608.360 | 3347.170 |
| #3 | 1261.065 | 2197.178 | 40524.63 | 4632.241 | 3324.413 |

Sample Name: I2548-03      Acquired: 4/6/2017 18:29:28      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9YL4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0750510 | -.002801 | 9.969315 | -.015773 | .0033758 | 81.68972 | 6.502478 |
| Stddev | .0003683 | .002774  | .028269  | .001427  | .0006147 | .87168   | .069485  |
| %RSD   | .4906759 | 99.02295 | .2835603 | 9.046202 | 18.21067 | 1.067059 | 1.068588 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0750455 | -.004216 | 9.938679 | -.015518 | .0032138 | 82.08298 | 6.531584 |
| #2 | .0754219 | -.004582 | 9.974875 | -.017311 | .0040553 | 80.69070 | 6.423173 |
| #3 | .0746854 | .000395  | 9.994390 | -.014491 | .0028582 | 82.29548 | 6.552676 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0082848 | .0446630 | 95.09501 | .1246712 | .1857355 | .3172201 | 164.2022 |
| Stddev | .0000831 | .0003649 | 1.22113  | .0006599 | .0009599 | .0043124 | 1.3326   |
| %RSD   | 1.003252 | .8169061 | 1.284120 | .5293018 | .5168308 | 1.359439 | .8115318 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0082568 | .0444607 | 95.46268 | .1250249 | .1847463 | .3170096 | 164.7234 |
| #2 | .0082193 | .0450842 | 93.73228 | .1239099 | .1866632 | .3130168 | 162.6879 |
| #3 | .0083783 | .0444440 | 96.09006 | .1250789 | .1857969 | .3216339 | 165.1954 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 12.88719 | 54.17981 | .2325927 | -.008952 | 1.017953 | .2359575 | 2.702577 |
| Stddev | .09074   | .50677   | .0013202 | .000191  | .128621  | .0033757 | .037025  |
| %RSD   | .7041068 | .9353421 | .5676022 | 2.133373 | 12.63525 | 1.430653 | 1.369970 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 12.92768 | 54.47438 | .2311017 | -.008907 | .965064  | .2323423 | 2.742242 |
| #2 | 12.78325 | 53.59466 | .2330632 | -.009162 | .924208  | .2365028 | 2.668930 |
| #3 | 12.95063 | 54.47040 | .2336132 | -.008788 | 1.164586 | .2390273 | 2.696560 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.757504 | 4.052250 | -.041834 | .0011296 | 2.350957 | 10.58511 | .0099841 |
| Stddev | .123490  | .009695  | .001555  | .0001275 | .007671  | .08869   | .0011071 |
| %RSD   | 1.591875 | .2392551 | 3.716016 | 11.28783 | .3262722 | .8378928 | 11.08904 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.828015 | 4.046784 | -.040220 | .0012752 | 2.345018 | 10.65789 | .0096865 |
| #2 | 7.614913 | 4.046521 | -.041960 | .0010760 | 2.359618 | 10.48632 | .0112097 |
| #3 | 7.829584 | 4.063444 | -.043322 | .0010377 | 2.348237 | 10.61113 | .0090562 |

Sample Name: I2548-03      Acquired: 4/6/2017 18:29:28      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9YL4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .7469116 | .0542603 | .1109883 |
| Stddev | .0060814 | .0001101 | .0011570 |
| %RSD   | .8142005 | .2028105 | 1.042421 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .7489502 | .0542602 | .1114335 |
| #2 | .7400728 | .0543703 | .1096749 |
| #3 | .7517117 | .0541502 | .1118565 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1307.393 | 2299.229 | 41990.11 | 4927.833 | 3110.368 |
| Stddev    | 9.327    | 8.137    | 131.48   | 39.847   | 8.260    |
| %RSD      | .7134210 | .3538930 | .3131123 | .8086080 | .2655639 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1296.780 | 2308.618 | 41841.91 | 4916.058 | 3119.579 |
| #2 | 1311.113 | 2294.225 | 42092.71 | 4972.241 | 3107.907 |
| #3 | 1314.287 | 2294.844 | 42035.73 | 4895.202 | 3103.619 |

Sample Name: CCV031      Acquired: 4/6/2017 18:38:37      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV031      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.322223 | 4.917769 | 23.95146 | 5.399517 | 5.473171 | 361.9143 | 9.785181 |
| Stddev | .022846  | .020105  | .08369   | .016484  | .019125  | 2.2309   | .044952  |
| %RSD   | .4292521 | .4088338 | .3494007 | .3052864 | .3494317 | .6164122 | .4593853 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.321656 | 4.916999 | 23.98332 | 5.397348 | 5.460296 | 363.4450 | 9.821537 |
| #2 | 5.299666 | 4.898060 | 23.85652 | 5.384225 | 5.464069 | 362.9432 | 9.799087 |
| #3 | 5.345347 | 4.938249 | 24.01453 | 5.416978 | 5.495147 | 359.3546 | 9.734920 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4628088 | 2.453996 | 360.1916 | 15.09378 | 2.477605 | 14.78886 | 363.1686 |
| Stddev | .0041728 | .011086  | 1.7699   | .04975   | .008369  | .09866   | 2.8062   |
| %RSD   | .9016194 | .4517325 | .4913666 | .3296306 | .3377915 | .6671331 | .7726956 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4658799 | 2.455830 | 360.0719 | 15.11838 | 2.479846 | 14.86896 | 363.8776 |
| #2 | .4644885 | 2.442108 | 362.0183 | 15.12645 | 2.468343 | 14.81896 | 365.5523 |
| #3 | .4580579 | 2.464050 | 358.4846 | 15.03652 | 2.484624 | 14.67865 | 360.0759 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 13.79865 | 369.3089 | 2.495908 | 1.280230 | 361.7356 | 2.344146 | 14.55348 |
| Stddev | .11020   | 2.5534   | .007097  | .003962  | 1.6769   | .006317  | .10572   |
| %RSD   | .7986589 | .6913978 | .2843594 | .3094987 | .4635575 | .2694946 | .7264240 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 13.80852 | 369.8264 | 2.496522 | 1.284421 | 362.2851 | 2.346248 | 14.44984 |
| #2 | 13.90359 | 371.5639 | 2.488524 | 1.279724 | 363.0688 | 2.349144 | 14.54943 |
| #3 | 13.68385 | 366.5364 | 2.502678 | 1.276544 | 359.8530 | 2.337045 | 14.66116 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 150.4009 | 5.278788 | 4.529279 | 5.286351 | 5.254130 | 4.523195 | 4.992166 |
| Stddev | .6653    | .018372  | .049894  | .014710  | .028934  | .051919  | .015330  |
| %RSD   | .4423241 | .3480433 | 1.101594 | .2782606 | .5506900 | 1.147839 | .3070783 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 151.0479 | 5.274649 | 4.566072 | 5.280384 | 5.231946 | 4.556326 | 4.996824 |
| #2 | 150.4361 | 5.262838 | 4.549277 | 5.275562 | 5.243587 | 4.549899 | 4.975048 |
| #3 | 149.7187 | 5.298876 | 4.472488 | 5.303107 | 5.286857 | 4.463359 | 5.004627 |

Sample Name: CCV031      Acquired: 4/6/2017 18:38:37      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV031      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.689134 | 5.223907 | 4.909037 |
| Stddev | .028171  | .040400  | .045579  |
| %RSD   | .6007725 | .7733720 | .9284722 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 4.701231 | 5.258860 | 4.932951 |
| #2 | 4.709236 | 5.233188 | 4.937682 |
| #3 | 4.656935 | 5.179674 | 4.856478 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 950.6723 | 1689.319 | 31625.17 | 3864.614 | 2500.580 |
| Stddev    | 2.0850   | 3.772    | 15.48    | 31.718   | 7.666    |
| %RSD      | .2193199 | .2232701 | .0489351 | .8207207 | .3065786 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 948.5270 | 1690.179 | 31607.52 | 3845.065 | 2498.452 |
| #2 | 952.6912 | 1692.586 | 31631.59 | 3847.567 | 2509.085 |
| #3 | 950.7988 | 1685.191 | 31636.41 | 3901.210 | 2494.202 |

Sample Name: CCB031      Acquired: 4/6/2017 18:48:23      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB031      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0013784 | .0003893 | -.000299 | -.002089 | -.001262 | .0071289 | -.001209 |
| Stddev | .0004667 | .0001642 | .001066  | .000387  | .000621  | .0003952 | .001098  |
| %RSD   | 33.86144 | 42.17929 | 356.6072 | 18.50948 | 49.20678 | 5.543495 | 90.77747 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0009344 | .0003374 | -.001496 | -.002177 | -.001809 | .0071827 | -.001412 |
| #2 | .0013359 | .0002574 | .000051  | -.002424 | -.001391 | .0067096 | -.002191 |
| #3 | .0018649 | .0005732 | .000548  | -.001666 | -.000587 | .0074945 | -.000024 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000450 | .0000326 | .0041573 | -.000172 | .0000362 | .0016957 | .0076207 |
| Stddev | .0000414 | .0000063 | .0040577 | .000171  | .0001893 | .0002191 | .0025557 |
| %RSD   | 91.99176 | 19.19117 | 97.60402 | 99.58013 | 523.3213 | 12.92129 | 33.53609 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000401 | .0000383 | .0081938 | -.000353 | .0001314 | .0018621 | .0065664 |
| #2 | .0000063 | .0000259 | .0041992 | -.000012 | -.000182 | .0017775 | .0105348 |
| #3 | .0000886 | .0000337 | .0000788 | -.000151 | .000159  | .0014474 | .0057608 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000422 | .0270557 | .0002957 | .0006151 | -.075186 | .0007247 | .0016654 |
| Stddev | .000700  | .0221544 | .0003954 | .0002527 | .021973  | .0015531 | .0073859 |
| %RSD   | 165.8018 | 81.88437 | 133.7166 | 41.07574 | 29.22453 | 214.2987 | 443.4897 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000267 | .0526365 | -.000160 | .0008873 | -.094977 | .0017737 | -.006808 |
| #2 | -.001187 | .0140816 | .000547  | .0005700 | -.079038 | -.001059 | .006740  |
| #3 | .000187  | .0144490 | .000500  | .0003880 | -.051542 | .001460  | .005064  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.095717 | -.001311 | .0034547 | .0004907 | .0062256 | -.003799 | .0002180 |
| Stddev | .043899  | .001012  | .0009395 | .0002192 | .0019936 | .000681  | .0003982 |
| %RSD   | 45.86353 | 77.23634 | 27.19506 | 44.66822 | 32.02213 | 17.93485 | 182.6637 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.089073 | -.001378 | .0044765 | .0006965 | .0080970 | -.003827 | .0004604 |
| #2 | -.055519 | -.000266 | .0032594 | .0005152 | .0064510 | -.004466 | .0004352 |
| #3 | -.142560 | -.002287 | .0026282 | .0002602 | .0041290 | -.003104 | -.000242 |

Sample Name: CCB031      Acquired: 4/6/2017 18:48:23      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB031      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0003078 | .0005351 | .0001064 |
| Stddev | .0005614 | .0004282 | .0000156 |
| %RSD   | 182.4229 | 80.02456 | 14.63695 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0009467 | .0008241 | .0001241 |
| #2 | -.000107 | .0000431 | .0001001 |
| #3 | .000083  | .0007381 | .0000949 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1224.257 | 2193.525 | 38756.11 | 4337.307 | 3897.174 |
| Stddev    | 17.529   | 16.722   | 561.91   | 207.456  | 34.694   |
| %RSD      | 1.431805 | .7623252 | 1.449866 | 4.783057 | .8902449 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1208.735 | 2211.301 | 38213.92 | 4271.200 | 3933.099 |
| #2 | 1243.268 | 2178.108 | 39335.86 | 4170.960 | 3863.857 |
| #3 | 1220.766 | 2191.165 | 38718.53 | 4569.760 | 3894.566 |

Sample Name: I2550-15      Acquired: 4/6/2017 18:52:34      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9YP5D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0533449 | -.003044 | 4.827414 | -.008327 | .0025269 | 45.69975 | 2.966269 |
| Stddev | .0025904 | .001466  | .010772  | .002194  | .0009601 | .22875   | .018028  |
| %RSD   | 4.855889 | 48.16344 | .2231344 | 26.34837 | 37.99555 | .5005477 | .6077811 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0526754 | -.004344 | 4.819723 | -.006912 | .0014230 | 45.81609 | 2.980762 |
| #2 | .0511550 | -.003335 | 4.822795 | -.010854 | .0031679 | 45.84695 | 2.971964 |
| #3 | .0562043 | -.001455 | 4.839725 | -.007214 | .0029898 | 45.43622 | 2.946080 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0051389 | .0201828 | 60.19758 | .0837887 | .0978863 | .1874092 | 99.86357 |
| Stddev | .0000773 | .0000989 | .12436   | .0015969 | .0001382 | .0016658 | .27188   |
| %RSD   | 1.503961 | .4901660 | .2065878 | 1.905823 | .1412222 | .8888407 | .2722484 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0052159 | .0200860 | 60.13108 | .0852090 | .0977460 | .1859359 | 99.87939 |
| #2 | .0051394 | .0202837 | 60.34105 | .0840968 | .0978904 | .1870748 | 100.1272 |
| #3 | .0050613 | .0201787 | 60.12061 | .0820602 | .0980224 | .1892168 | 99.5841  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.284850 | 30.24171 | .1278816 | -.005501 | .5048434 | .1537445 | 1.548632 |
| Stddev | .031591  | .14959   | .0006882 | .000200  | .0991959 | .0022550 | .030927  |
| %RSD   | .4336494 | .4946418 | .5381613 | 3.629966 | 19.64885 | 1.466744 | 1.997063 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.287158 | 30.13032 | .1275021 | -.005662 | .5732727 | .1512495 | 1.571546 |
| #2 | 7.315224 | 30.41173 | .1286760 | -.005562 | .5501769 | .1556374 | 1.560896 |
| #3 | 7.252169 | 30.18307 | .1274667 | -.005277 | .3910806 | .1543465 | 1.513454 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.640831 | 2.778337 | -.022139 | .0010466 | 1.762045 | 5.150121 | .0067623 |
| Stddev | .021594  | .015561  | .000878  | .0001741 | .016867  | .062169  | .0004271 |
| %RSD   | .4653104 | .5600980 | 3.965253 | 16.63540 | .9572445 | 1.207137 | 6.315443 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.663515 | 2.776251 | -.023151 | .0010939 | 1.758396 | 5.186440 | .0069849 |
| #2 | 4.638456 | 2.763924 | -.021678 | .0011923 | 1.747301 | 5.185587 | .0062699 |
| #3 | 4.620523 | 2.794836 | -.021588 | .0008538 | 1.780438 | 5.078336 | .0070320 |

Sample Name: I2550-15      Acquired: 4/6/2017 18:52:34      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9YP5D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5080531 | .0305382 | .0678253 |
| Stddev | .0019555 | .0001870 | .0005746 |
| %RSD   | .3848935 | .6124688 | .8471954 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .5076614 | .0304775 | .0683976 |
| #2 | .5101748 | .0303890 | .0678300 |
| #3 | .5063232 | .0307480 | .0672484 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1244.373 | 2180.210 | 40107.37 | 4730.529 | 3279.966 |
| Stddev    | 8.274    | 5.114    | 430.74   | 11.516   | 7.737    |
| %RSD      | .6649109 | .2345605 | 1.073977 | .2434505 | .2358850 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1240.619 | 2177.278 | 39787.98 | 4729.465 | 3277.439 |
| #2 | 1238.641 | 2186.115 | 39936.85 | 4719.581 | 3288.650 |
| #3 | 1253.858 | 2177.238 | 40597.26 | 4742.540 | 3273.809 |

Sample Name: I2550-14LX5      Acquired: 4/6/2017 19:02:37      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9YP5L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0147807 | -.000352 | .8998087 | -.003038 | -.000362 | 9.074957 | .5766069 |
| Stddev | .0024699 | .003466  | .0107364 | .000408  | .001635  | .121063  | .0071628 |
| %RSD   | 16.71001 | 984.3696 | 1.193184 | 13.44228 | 451.2783 | 1.334032 | 1.242227 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0156902 | .001732  | .8879418 | -.003505 | -.001217 | 8.964956 | .5699675 |
| #2 | .0119850 | -.004353 | .9026353 | -.002748 | .001523  | 9.055251 | .5756553 |
| #3 | .0166668 | .001565  | .9088490 | -.002860 | -.001393 | 9.204663 | .5841979 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0011040 | .0036161 | 12.25539 | .0171988 | .0176056 | .0384869 | 21.59018 |
| Stddev | .0000741 | .0000957 | .17488   | .0005630 | .0002411 | .0009201 | .33640   |
| %RSD   | 6.714294 | 2.645966 | 1.426990 | 3.273582 | 1.369704 | 2.390624 | 1.558113 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0010846 | .0035189 | 12.09557 | .0166563 | .0173790 | .0374364 | 21.25036 |
| #2 | .0010415 | .0036194 | 12.22840 | .0177803 | .0175787 | .0391495 | 21.59711 |
| #3 | .0011859 | .0037102 | 12.44220 | .0171597 | .0178591 | .0388749 | 21.92306 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.503478 | 6.021886 | .0240109 | -.000941 | .0695226 | .0305084 | .3076905 |
| Stddev | .025045  | .146293  | .0001966 | .000185  | .0401245 | .0009920 | .0053337 |
| %RSD   | 1.665771 | 2.429363 | .8189422 | 19.61977 | 57.71427 | 3.251728 | 1.733472 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.478432 | 5.860081 | .0238866 | -.000781 | .0823512 | .0312189 | .3064902 |
| #2 | 1.503481 | 6.060766 | .0239085 | -.000900 | .0245526 | .0309312 | .3030592 |
| #3 | 1.528521 | 6.144812 | .0242376 | -.001143 | .1016641 | .0293750 | .3135221 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .8701671 | .4897453 | -.006416 | .0001848 | .3147276 | 1.332608 | .0001809 |
| Stddev | .0153730 | .0036081 | .001084  | .0000678 | .0004265 | .027444  | .0004633 |
| %RSD   | 1.766674 | .7367283 | 16.89513 | 36.68072 | .1355225 | 2.059455 | 256.1749 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .8645628 | .4878293 | -.006671 | .0001149 | .3146345 | 1.359693 | .0000236 |
| #2 | .8583824 | .4939072 | -.007351 | .0002502 | .3143552 | 1.304818 | -.000183 |
| #3 | .8875559 | .4874995 | -.005228 | .0001894 | .3151929 | 1.333313 | .000702  |

Sample Name: I2550-14LX5      Acquired: 4/6/2017 19:02:37      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MG9YP5L      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .1087657 | .0060838 | .0137665 |
| Stddev | .0013961 | .0004934 | .0002431 |
| %RSD   | 1.283565 | 8.109438 | 1.766061 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .1094374 | .0055545 | .0135129 |
| #2 | .1071607 | .0065309 | .0137890 |
| #3 | .1096989 | .0061659 | .0139976 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1221.435 | 2135.270 | 38680.60 | 4379.309 | 3633.807 |
| Stddev    | 7.540    | 12.998   | 92.12    | 48.938   | 31.389   |
| %RSD      | .6173050 | .6087294 | .2381434 | 1.117484 | .8637922 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1227.302 | 2150.235 | 38773.53 | 4428.950 | 3669.962 |
| #2 | 1212.930 | 2128.790 | 38589.33 | 4377.870 | 3617.932 |
| #3 | 1224.071 | 2126.787 | 38678.94 | 4331.106 | 3613.526 |

Sample Name: I2548-04      Acquired: 4/6/2017 19:06:43      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9YL5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0592959 | -.003677 | 5.835060 | -.011736 | .0028860 | 49.87932 | 3.537655 |
| Stddev | .0051209 | .000811  | .063778  | .001595  | .0005901 | .22443   | .012101  |
| %RSD   | 8.636143 | 22.05749 | 1.093017 | 13.59147 | 20.44692 | .4499551 | .3420643 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0591069 | -.002741 | 5.784054 | -.011956 | .0022177 | 50.06276 | 3.543591 |
| #2 | .0542722 | -.004164 | 5.814557 | -.013210 | .0031052 | 49.94612 | 3.545642 |
| #3 | .0645087 | -.004126 | 5.906568 | -.010042 | .0033352 | 49.62906 | 3.523732 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0056840 | .0240581 | 62.32010 | .0924248 | .1207707 | .1917288 | 117.9995 |
| Stddev | .0001002 | .0004413 | .12258   | .0018785 | .0015741 | .0005724 | .1870    |
| %RSD   | 1.763596 | 1.834397 | .1966998 | 2.032407 | 1.303414 | .2985471 | .1585158 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0056946 | .0236542 | 62.42231 | .0921548 | .1195461 | .1922198 | 118.1941 |
| #2 | .0057785 | .0239909 | 62.35380 | .0944237 | .1202197 | .1918666 | 117.8211 |
| #3 | .0055789 | .0245291 | 62.18419 | .0906960 | .1225463 | .1911001 | 117.9834 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.925336 | 33.83537 | .1461739 | -.006509 | .6677301 | .1724157 | 1.788190 |
| Stddev | .020195  | .16648   | .0007868 | .000338  | .0698775 | .0013211 | .035272  |
| %RSD   | .2548194 | .4920348 | .5382614 | 5.194075 | 10.46493 | .7662230 | 1.972470 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.947528 | 33.93134 | .1458467 | -.006552 | .5881797 | .1730576 | 1.764552 |
| #2 | 7.920445 | 33.93163 | .1456035 | -.006824 | .7191955 | .1708964 | 1.828732 |
| #3 | 7.908035 | 33.64313 | .1470715 | -.006152 | .6958152 | .1732933 | 1.771285 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.772806 | 3.065524 | -.026134 | .0007804 | 1.769812 | 4.867649 | .0049177 |
| Stddev | .011646  | .051453  | .001729  | .0001072 | .027780  | .041916  | .0002312 |
| %RSD   | .2440129 | 1.678438 | 6.616910 | 13.74044 | 1.569637 | .8611159 | 4.700417 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.766590 | 3.024224 | -.024550 | .0008588 | 1.742552 | 4.842624 | .0051328 |
| #2 | 4.786241 | 3.049186 | -.025872 | .0008241 | 1.768799 | 4.916040 | .0049469 |
| #3 | 4.765586 | 3.123163 | -.027979 | .0006582 | 1.798084 | 4.844283 | .0046733 |

Sample Name: I2548-04      Acquired: 4/6/2017 19:06:43      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MG9YL5      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5809949 | .0323920 | .0710924 |
| Stddev | .0075767 | .0007964 | .0000976 |
| %RSD   | 1.304095 | 2.458785 | .1372399 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .5844457 | .0316710 | .0711431 |
| #2 | .5862319 | .0322580 | .0709799 |
| #3 | .5723070 | .0332470 | .0711542 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1237.135 | 2193.050 | 39782.49 | 4796.256 | 3253.885 |
| Stddev    | 20.016   | 19.447   | 607.79   | 9.075    | 33.245   |
| %RSD      | 1.617920 | .8867585 | 1.527771 | .1892184 | 1.021687 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1252.624 | 2205.594 | 39956.05 | 4789.175 | 3276.563 |
| #2 | 1214.534 | 2202.908 | 39106.81 | 4806.487 | 3269.369 |
| #3 | 1244.246 | 2170.648 | 40284.63 | 4793.106 | 3215.722 |

Sample Name: I2548-05      Acquired: 4/6/2017 19:10:45      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9YL6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0529261 | -.003307 | 4.436253 | -.010095 | .0015433 | 39.63727 | 2.541422 |
| Stddev | .0027718 | .001055  | .055532  | .002982  | .0002024 | .30576   | .019826  |
| %RSD   | 5.237189 | 31.90732 | 1.251778 | 29.53833 | 13.11480 | .7714029 | .7800967 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0510278 | -.004378 | 4.372258 | -.012235 | .0015094 | 39.35170 | 2.523675 |
| #2 | .0561070 | -.002268 | 4.464733 | -.011360 | .0017605 | 39.60024 | 2.537771 |
| #3 | .0516436 | -.003275 | 4.471766 | -.006689 | .0013600 | 39.95986 | 2.562818 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0047747 | .0194248 | 49.98175 | .0841945 | .0938809 | .1671579 | 97.85346 |
| Stddev | .0000291 | .0004064 | .47074   | .0005823 | .0011480 | .0012642 | .55679   |
| %RSD   | .6103298 | 2.092326 | .9418267 | .6915839 | 1.222811 | .7562742 | .5690064 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0048060 | .0189597 | 49.74565 | .0848152 | .0925795 | .1669370 | 97.45668 |
| #2 | .0047483 | .0197115 | 49.67578 | .0841079 | .0947498 | .1660187 | 97.61373 |
| #3 | .0047700 | .0196032 | 50.52382 | .0836603 | .0943133 | .1685179 | 98.48996 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.414901 | 26.59512 | .1218576 | -.004870 | .4173924 | .1454012 | 1.399459 |
| Stddev | .041374  | .13085   | .0011861 | .000216  | .0320862 | .0025918 | .004427  |
| %RSD   | .6449593 | .4919958 | .9733852 | 4.433556 | 7.687299 | 1.782517 | .3163598 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.374541 | 26.44580 | .1204895 | -.005042 | .3835691 | .1467862 | 1.404249 |
| #2 | 6.412944 | 26.68975 | .1224850 | -.004941 | .4474004 | .1424112 | 1.398611 |
| #3 | 6.457218 | 26.64982 | .1225982 | -.004628 | .4212076 | .1470063 | 1.395517 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.813819 | 2.530073 | -.019506 | .0010570 | 1.417233 | 4.192995 | .0057050 |
| Stddev | .036582  | .028285  | .000706  | .0001403 | .024057  | .035787  | .0010587 |
| %RSD   | .9591909 | 1.117940 | 3.621991 | 13.27007 | 1.697442 | .8534850 | 18.55669 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.774161 | 2.498046 | -.018755 | .0010471 | 1.392409 | 4.174240 | .0064099 |
| #2 | 3.821049 | 2.551630 | -.019604 | .0012020 | 1.440441 | 4.170483 | .0044876 |
| #3 | 3.846245 | 2.540542 | -.020158 | .0009220 | 1.418849 | 4.234260 | .0062175 |

Sample Name: I2548-05      Acquired: 4/6/2017 19:10:45      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MG9YL6      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .4800103 | .0253142 | .0554333 |
| Stddev | .0068646 | .0005609 | .0006564 |
| %RSD   | 1.430105 | 2.215680 | 1.184088 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .4729147 | .0251590 | .0549248 |
| #2 | .4804981 | .0248473 | .0552009 |
| #3 | .4866180 | .0259364 | .0561743 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1244.084 | 2194.438 | 40050.34 | 4790.762 | 3344.934 |
| Stddev    | 8.336    | 10.613   | 189.83   | 33.047   | 27.530   |
| %RSD      | .6700118 | .4836506 | .4739792 | .6898004 | .8230294 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1234.882 | 2201.439 | 39836.01 | 4814.109 | 3375.231 |
| #2 | 1251.131 | 2182.226 | 40117.74 | 4805.228 | 3321.451 |
| #3 | 1246.238 | 2199.649 | 40197.27 | 4752.949 | 3338.119 |

Sample Name: I2548-06      Acquired: 4/6/2017 19:14:48      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9YL7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0445719 | -.003305 | 3.724014 | -.006220 | .0010299 | 35.10336 | 2.250894 |
| Stddev | .0043887 | .001923  | .054674  | .002166  | .0014010 | .25636   | .013210  |
| %RSD   | 9.846389 | 58.19388 | 1.468149 | 34.82532 | 136.0226 | .7303017 | .5868706 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0446766 | -.001538 | 3.777494 | -.008581 | -.000560 | 35.27657 | 2.261810 |
| #2 | .0489074 | -.005354 | 3.726329 | -.004325 | .002083  | 34.80886 | 2.236210 |
| #3 | .0401318 | -.003023 | 3.668219 | -.005753 | .001567  | 35.22464 | 2.254664 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0041294 | .0159905 | 42.25815 | .0770040 | .0786460 | .1403605 | 88.15081 |
| Stddev | .0000403 | .0002478 | .28969   | .0003528 | .0011621 | .0009155 | .78749   |
| %RSD   | .9770308 | 1.549565 | .6855323 | .4581419 | 1.477629 | .6522531 | .8933492 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0041275 | .0161646 | 42.29399 | .0765974 | .0799589 | .1396880 | 87.95565 |
| #2 | .0041706 | .0161002 | 41.95220 | .0772280 | .0782297 | .1399903 | 87.47924 |
| #3 | .0040900 | .0157069 | 42.52825 | .0771867 | .0777494 | .1414031 | 89.01753 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.565015 | 22.59151 | .1027321 | -.004678 | .4295718 | .1319655 | 1.225036 |
| Stddev | .055894  | .15708   | .0017017 | .000245  | .0131974 | .0043342 | .016042  |
| %RSD   | 1.004376 | .6953152 | 1.656397 | 5.230983 | 3.072213 | 3.284324 | 1.309493 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.562907 | 22.49079 | .1045419 | -.004762 | .4143700 | .1285681 | 1.239957 |
| #2 | 5.510205 | 22.51123 | .1024901 | -.004403 | .4380933 | .1304817 | 1.208070 |
| #3 | 5.621932 | 22.77251 | .1011645 | -.004870 | .4362522 | .1368467 | 1.227081 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.350477 | 2.142258 | -.020414 | .0005498 | 1.141723 | 3.567410 | .0053845 |
| Stddev | .026873  | .027330  | .001891  | .0003522 | .019495  | .054174  | .0019909 |
| %RSD   | .8020529 | 1.275772 | 9.261994 | 64.04567 | 1.707537 | 1.518580 | 36.97477 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.367033 | 2.170953 | -.022222 | .0008808 | 1.162055 | 3.629088 | .0072404 |
| #2 | 3.319471 | 2.139284 | -.018450 | .0001797 | 1.139925 | 3.527536 | .0032816 |
| #3 | 3.364927 | 2.116536 | -.020571 | .0005891 | 1.123188 | 3.545605 | .0056314 |

Sample Name: I2548-06      Acquired: 4/6/2017 19:14:48      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9YL7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .4490001 | .0222685 | .0478664 |
| Stddev | .0063396 | .0005034 | .0003290 |
| %RSD   | 1.411947 | 2.260475 | .6872414 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .4484876 | .0217073 | .0480217 |
| #2 | .4429323 | .0224183 | .0474885 |
| #3 | .4555804 | .0226800 | .0480889 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1227.867 | 2167.016 | 39332.70 | 4655.035 | 3372.243 |
| Stddev    | 6.666    | 26.757   | 123.95   | 33.143   | 49.354   |
| %RSD      | .5428924 | 1.234722 | .3151411 | .7119777 | 1.463525 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1220.494 | 2148.156 | 39218.10 | 4652.388 | 3328.483 |
| #2 | 1233.468 | 2155.253 | 39464.26 | 4689.422 | 3362.507 |
| #3 | 1229.638 | 2197.639 | 39315.75 | 4623.296 | 3425.739 |

Sample Name: I2548-07      Acquired: 4/6/2017 19:18:51      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9YL8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0717082 | -.005324 | 8.224613 | -.011587 | .0024315 | 70.40461 | 5.263255 |
| Stddev | .0047929 | .003905  | .049145  | .001661  | .0014102 | .29543   | .018746  |
| %RSD   | 6.683931 | 73.34495 | .5975321 | 14.33334 | 57.99790 | .4196213 | .3561700 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0752729 | -.003691 | 8.208124 | -.013470 | .0035406 | 70.68131 | 5.279200 |
| #2 | .0735921 | -.002500 | 8.185834 | -.010959 | .0029095 | 70.09346 | 5.242604 |
| #3 | .0662595 | -.009780 | 8.279882 | -.010331 | .0008444 | 70.43905 | 5.267961 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0072157 | .0347086 | 91.47633 | .1046689 | .1644890 | .2767037 | 146.2263 |
| Stddev | .0000407 | .0001636 | .34345   | .0010688 | .0005448 | .0011804 | .6654    |
| %RSD   | .5635183 | .4712660 | .3754557 | 1.021125 | .3312322 | .4265957 | .4550480 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0071974 | .0348323 | 91.84688 | .1034356 | .1640375 | .2773565 | 146.9933 |
| #2 | .0072623 | .0345231 | 91.41343 | .1052476 | .1643352 | .2753411 | 145.8041 |
| #3 | .0071875 | .0347704 | 91.16867 | .1053236 | .1650942 | .2774135 | 145.8814 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.65105 | 49.08382 | .2062197 | -.007730 | .8173862 | .2074515 | 2.302272 |
| Stddev | .04165   | .18754   | .0014075 | .000181  | .0699503 | .0006236 | .021741  |
| %RSD   | .3910714 | .3820755 | .6825023 | 2.347889 | 8.557809 | .3006076 | .9443439 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 10.68823 | 49.22125 | .2052381 | -.007709 | .8940390 | .2071210 | 2.292366 |
| #2 | 10.60604 | 48.87017 | .2055887 | -.007921 | .8011124 | .2081708 | 2.287248 |
| #3 | 10.65888 | 49.16005 | .2078322 | -.007560 | .7570073 | .2070626 | 2.327202 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.020304 | 4.203839 | -.030616 | .0008185 | 3.009980 | 5.703019 | .0099689 |
| Stddev | .022224  | .028925  | .000753  | .0001262 | .021369  | .026020  | .0016411 |
| %RSD   | .3165656 | .6880698 | 2.460235 | 15.41720 | .7099525 | .4562523 | 16.46178 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.006408 | 4.182741 | -.031410 | .0006757 | 3.000890 | 5.707299 | .0083101 |
| #2 | 7.008569 | 4.191964 | -.029911 | .0008649 | 2.994660 | 5.675124 | .0100051 |
| #3 | 7.045936 | 4.236812 | -.030527 | .0009149 | 3.034392 | 5.726634 | .0115916 |

Sample Name: I2548-07      Acquired: 4/6/2017 19:18:51      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MG9YL8      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5934877 | .0480982 | .1034981 |
| Stddev | .0030573 | .0002075 | .0002412 |
| %RSD   | .5151395 | .4314252 | .2330823 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .5968925 | .0483336 | .1034045 |
| #2 | .5925929 | .0480191 | .1033177 |
| #3 | .5909777 | .0479419 | .1037721 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1282.883 | 2270.352 | 41519.41 | 4997.387 | 3151.202 |
| Stddev    | 7.958    | 15.082   | 135.05   | 21.063   | 17.850   |
| %RSD      | .6202894 | .6643088 | .3252606 | .4214710 | .5664608 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1290.696 | 2269.040 | 41650.88 | 4974.615 | 3153.359 |
| #2 | 1283.165 | 2286.047 | 41526.30 | 5016.170 | 3167.876 |
| #3 | 1274.788 | 2255.969 | 41381.05 | 5001.376 | 3132.371 |

Sample Name: I2548-08      Acquired: 4/6/2017 19:22:54      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9YL9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0501664 | -.004474 | 3.685630 | -.006799 | .0010831 | 37.54605 | 2.237497 |
| Stddev | .0020046 | .001362  | .013282  | .001151  | .0001719 | .15657   | .007947  |
| %RSD   | 3.995891 | 30.45138 | .3603760 | 16.92196 | 15.86968 | .4170162 | .3551585 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0502843 | -.005544 | 3.698299 | -.006606 | .0009185 | 37.36737 | 2.228520 |
| #2 | .0521095 | -.002940 | 3.686781 | -.005757 | .0012615 | 37.65928 | 2.240340 |
| #3 | .0481055 | -.004938 | 3.671810 | -.008034 | .0010694 | 37.61149 | 2.243631 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0044426 | .0159667 | 41.70709 | .0861580 | .0868440 | .1409486 | 94.58843 |
| Stddev | .0000345 | .0000883 | .35132   | .0003661 | .0004578 | .0008919 | .69686   |
| %RSD   | .7761925 | .5528146 | .8423613 | .4249218 | .5271568 | .6327925 | .7367243 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0044440 | .0159274 | 41.30583 | .0865138 | .0871688 | .1404675 | 93.80813 |
| #2 | .0044764 | .0160678 | 41.85603 | .0857824 | .0870427 | .1419778 | 95.14876 |
| #3 | .0044075 | .0159048 | 41.95940 | .0861779 | .0863204 | .1404006 | 94.80838 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.739435 | 20.85963 | .1073582 | -.005281 | .4640771 | .1459066 | 1.283408 |
| Stddev | .044380  | .15066   | .0003121 | .000317  | .0794796 | .0024000 | .010307  |
| %RSD   | .7732419 | .7222778 | .2907174 | 6.004670 | 17.12637 | 1.644864 | .8031265 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.688271 | 20.68982 | .1075257 | -.005591 | .5380898 | .1435724 | 1.293631 |
| #2 | 5.767503 | 20.97729 | .1075508 | -.005294 | .4740664 | .1483673 | 1.283575 |
| #3 | 5.762533 | 20.91179 | .1069981 | -.004957 | .3800751 | .1457800 | 1.273019 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.937636 | 2.711857 | -.019377 | .0004961 | 1.586587 | 4.061989 | .0046759 |
| Stddev | .038020  | .014922  | .001014  | .0001252 | .005303  | .045927  | .0002764 |
| %RSD   | .9655647 | .5502546 | 5.232605 | 25.23214 | .3342549 | 1.130654 | 5.910585 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.904797 | 2.728452 | -.018468 | .0003622 | 1.582944 | 4.011364 | .0049596 |
| #2 | 3.928822 | 2.707577 | -.019192 | .0005158 | 1.584147 | 4.073621 | .0044075 |
| #3 | 3.979290 | 2.699543 | -.020470 | .0006102 | 1.592672 | 4.100981 | .0046605 |

Sample Name: I2548-08      Acquired: 4/6/2017 19:22:54      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9YL9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .4803676 | .0240279 | .0526546 |
| Stddev | .0059147 | .0006609 | .0002432 |
| %RSD   | 1.231292 | 2.750704 | .4618162 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .4738489 | .0237133 | .0523972 |
| #2 | .4818624 | .0247874 | .0528804 |
| #3 | .4853915 | .0235831 | .0526860 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1231.793 | 2169.205 | 39561.10 | 4723.550 | 3366.020 |
| Stddev    | 4.222    | 5.735    | 127.13   | 34.510   | 10.563   |
| %RSD      | .3427703 | .2643744 | .3213618 | .7306021 | .3138210 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1226.953 | 2162.822 | 39414.29 | 4761.071 | 3354.412 |
| #2 | 1234.723 | 2170.867 | 39634.15 | 4693.166 | 3368.579 |
| #3 | 1233.704 | 2173.925 | 39634.85 | 4716.413 | 3375.069 |

Sample Name: I2548-09      Acquired: 4/6/2017 19:26:58      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9YM0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0447891 | -.001565 | 3.038117 | -.008305 | .0017543 | 32.12590 | 1.877183 |
| Stddev | .0031184 | .000541  | .015974  | .002046  | .0010618 | 1.25928  | .071261  |
| %RSD   | 6.962489 | 34.59916 | .5257740 | 24.63771 | 60.52657 | 3.919828 | 3.796171 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0415441 | -.001133 | 3.048576 | -.008726 | .0024573 | 32.58875 | 1.898772 |
| #2 | .0477633 | -.002172 | 3.019730 | -.006081 | .0005328 | 33.08826 | 1.935153 |
| #3 | .0450598 | -.001390 | 3.046044 | -.010108 | .0022727 | 30.70070 | 1.797623 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0040184 | .0131745 | 41.82226 | .0771620 | .0684643 | .1233652 | 83.42686 |
| Stddev | .0001964 | .0002971 | 1.63251  | .0013155 | .0001779 | .0044719 | 3.29201  |
| %RSD   | 4.888631 | 2.254794 | 3.903455 | 1.704808 | .2597713 | 3.624965 | 3.945983 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0039818 | .0133747 | 42.39277 | .0782769 | .0686688 | .1245906 | 84.69422 |
| #2 | .0042305 | .0128332 | 43.09296 | .0757112 | .0683455 | .1270967 | 85.89684 |
| #3 | .0038428 | .0133158 | 39.98105 | .0774980 | .0683785 | .1184083 | 79.68953 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.887105 | 20.44751 | .0944907 | -.004068 | .4858255 | .1220022 | 1.043578 |
| Stddev | .198020  | .80762   | .0006170 | .000165  | .1059522 | .0031821 | .004551  |
| %RSD   | 4.051879 | 3.949745 | .6529238 | 4.046143 | 21.80870 | 2.608190 | .4361324 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.979317 | 20.72215 | .0946539 | -.003885 | .4535111 | .1225192 | 1.048126 |
| #2 | 5.022203 | 21.08199 | .0938085 | -.004205 | .6041722 | .1248941 | 1.039024 |
| #3 | 4.659796 | 19.53838 | .0950096 | -.004114 | .3997931 | .1185933 | 1.043584 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.318489 | 2.420680 | -.019015 | .0007093 | 1.299866 | 3.921784 | .0046197 |
| Stddev | .156710  | .010057  | .000647  | .0003905 | .003138  | .158639  | .0005032 |
| %RSD   | 4.722320 | .4154497 | 3.404862 | 55.05898 | .2414339 | 4.045060 | 10.89185 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.377154 | 2.429425 | -.019273 | .0003524 | 1.302871 | 3.991289 | .0049937 |
| #2 | 3.437401 | 2.409691 | -.019493 | .0006490 | 1.296609 | 4.033807 | .0040476 |
| #3 | 3.140910 | 2.422923 | -.018278 | .0011265 | 1.300116 | 3.740256 | .0048178 |

Sample Name: I2548-09      Acquired: 4/6/2017 19:26:58      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9YM0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .4649835 | .0197646 | .0478146 |
| Stddev | .0160014 | .0005737 | .0018770 |
| %RSD   | 3.441274 | 2.902783 | 3.925546 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .4717775 | .0202360 | .0482744 |
| #2 | .4764667 | .0199320 | .0494189 |
| #3 | .4467061 | .0191258 | .0457504 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1267.503 | 2231.421 | 40360.78 | 4663.197 | 3485.489 |
| Stddev    | 13.179   | 14.759   | 356.87   | 167.553  | 17.213   |
| %RSD      | 1.039790 | .6614126 | .8841979 | 3.593087 | .4938474 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1255.974 | 2216.870 | 40110.51 | 4585.525 | 3472.579 |
| #2 | 1281.870 | 2246.379 | 40769.43 | 4548.575 | 3505.032 |
| #3 | 1264.664 | 2231.015 | 40202.41 | 4855.490 | 3478.857 |

Sample Name: I2548-10      Acquired: 4/6/2017 19:31:02      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9YM1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0721959 | -.004016 | 7.448311 | -.010027 | .0038602 | 73.53923 | 5.040409 |
| Stddev | .0049079 | .001979  | .020896  | .002120  | .0022781 | 1.34382  | .097852  |
| %RSD   | 6.798055 | 49.27767 | .2805401 | 21.13852 | 59.01550 | 1.827357 | 1.941341 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0743835 | -.005413 | 7.470318 | -.011872 | .0064751 | 72.01635 | 4.930209 |
| #2 | .0665746 | -.004883 | 7.445873 | -.007712 | .0023045 | 74.55852 | 5.117118 |
| #3 | .0756296 | -.001751 | 7.428741 | -.010498 | .0028011 | 74.04283 | 5.073900 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0075798 | .0318583 | 94.19620 | .1175514 | .1648155 | .2592355 | 153.4582 |
| Stddev | .0000682 | .0001553 | 2.02507  | .0037252 | .0006095 | .0045390 | 2.5715   |
| %RSD   | .9000379 | .4875024 | 2.149842 | 3.169037 | .3698254 | 1.750910 | 1.675683 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0076462 | .0319961 | 91.87419 | .1199578 | .1655119 | .2557569 | 150.5171 |
| #2 | .0075099 | .0316900 | 95.59619 | .1194359 | .1645553 | .2643700 | 155.2823 |
| #3 | .0075834 | .0318886 | 95.11821 | .1132604 | .1643791 | .2575797 | 154.5752 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 11.02621 | 49.24172 | .2130224 | -.008441 | .8050094 | .2161912 | 2.169605 |
| Stddev | .15433   | .61466   | .0002688 | .000636  | .0559254 | .0054478 | .044015  |
| %RSD   | 1.399645 | 1.248260 | .1261936 | 7.539640 | 6.947176 | 2.519915 | 2.028694 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 10.85085 | 48.57716 | .2133281 | -.008675 | .7661980 | .2110281 | 2.172018 |
| #2 | 11.14137 | 49.78983 | .2129164 | -.008928 | .8691131 | .2156606 | 2.212364 |
| #3 | 11.08640 | 49.35817 | .2128228 | -.007721 | .7797171 | .2218849 | 2.124434 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.935300 | 5.160084 | -.034119 | .0009989 | 3.424004 | 6.870257 | .0081543 |
| Stddev | .115733  | .013195  | .000484  | .0002515 | .018232  | .067196  | .0006953 |
| %RSD   | 1.458453 | .2557164 | 1.419100 | 25.17287 | .5324624 | .9780750 | 8.527034 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.806414 | 5.168993 | -.034566 | .0012311 | 3.444692 | 6.793747 | .0087991 |
| #2 | 8.030326 | 5.166334 | -.033605 | .0007318 | 3.410286 | 6.919696 | .0074176 |
| #3 | 7.969160 | 5.144925 | -.034187 | .0010338 | 3.417033 | 6.897326 | .0082463 |

Sample Name: I2548-10      Acquired: 4/6/2017 19:31:02      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9YM1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .6220521 | .0505202 | .1103771 |
| Stddev | .0127580 | .0007905 | .0020478 |
| %RSD   | 2.050945 | 1.564772 | 1.855307 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .6077618 | .0496645 | .1080561 |
| #2 | .6322966 | .0512234 | .1119293 |
| #3 | .6260979 | .0506728 | .1111458 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1319.388 | 2315.291 | 42254.84 | 4964.193 | 3195.971 |
| Stddev    | 24.468   | 5.599    | 854.21   | 66.829   | 9.072    |
| %RSD      | 1.854518 | .2418407 | 2.021559 | 1.346222 | .2838603 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1309.639 | 2309.110 | 41820.80 | 5041.286 | 3186.215 |
| #2 | 1301.298 | 2316.740 | 41704.79 | 4922.713 | 3197.544 |
| #3 | 1347.228 | 2320.024 | 43238.91 | 4928.580 | 3204.154 |

Sample Name: I2548-14      Acquired: 4/6/2017 19:35:05      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9YM3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0498526 | -.003160 | 2.325993 | -.007772 | .0025096 | 44.79923 | 1.394514 |
| Stddev | .0003774 | .001444  | .022086  | .000614  | .0009559 | .42262   | .013387  |
| %RSD   | .7570221 | 45.70225 | .9495103 | 7.899716 | 38.09085 | .9433534 | .9600003 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0500804 | -.002589 | 2.348036 | -.007171 | .0028825 | 44.92898 | 1.401967 |
| #2 | .0494170 | -.004802 | 2.326079 | -.008398 | .0032229 | 44.32695 | 1.379059 |
| #3 | .0500604 | -.002088 | 2.303865 | -.007747 | .0014234 | 45.14175 | 1.402516 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0048920 | .0083497 | 32.95303 | .0932153 | .0729970 | .1182673 | 101.3607 |
| Stddev | .0000066 | .0002492 | .34756   | .0001843 | .0009689 | .0011319 | 1.1293   |
| %RSD   | .1344340 | 2.984782 | 1.054715 | .1977275 | 1.327365 | .9570910 | 1.114094 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0048981 | .0086202 | 32.90915 | .0934187 | .0735785 | .1195065 | 101.0863 |
| #2 | .0048929 | .0082995 | 32.62950 | .0930593 | .0735340 | .1172877 | 100.3939 |
| #3 | .0048851 | .0081294 | 33.32045 | .0931679 | .0718785 | .1180078 | 102.6018 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.758428 | 14.21912 | .1152546 | -.005675 | .5010218 | .1469891 | .8012752 |
| Stddev | .082538  | .17412   | .0018066 | .000111  | .0472497 | .0017150 | .0116285 |
| %RSD   | 1.221254 | 1.224572 | 1.567466 | 1.949371 | 9.430662 | 1.166759 | 1.451249 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.753537 | 14.28489 | .1169705 | -.005646 | .5126476 | .1485639 | .7888237 |
| #2 | 6.678445 | 14.02170 | .1154242 | -.005582 | .5413734 | .1451618 | .8118533 |
| #3 | 6.843303 | 14.35079 | .1133693 | -.005797 | .4490444 | .1472414 | .8031486 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.352890 | 2.127042 | -.024464 | .0007772 | .5854539 | 7.260563 | .0052337 |
| Stddev | .052214  | .025527  | .000866  | .0004216 | .0090642 | .101941  | .0003836 |
| %RSD   | 1.199519 | 1.200118 | 3.538387 | 54.24966 | 1.548230 | 1.404034 | 7.329564 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.350299 | 2.148499 | -.023729 | .0003985 | .5888504 | 7.268681 | .0056762 |
| #2 | 4.302020 | 2.133816 | -.024245 | .0007015 | .5923293 | 7.154806 | .0049961 |
| #3 | 4.406351 | 2.098811 | -.025418 | .0012315 | .5751820 | 7.358202 | .0050287 |

Sample Name: I2548-14      Acquired: 4/6/2017 19:35:05      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9YM3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5569127 | .0286576 | .0446278 |
| Stddev | .0056894 | .0004159 | .0003363 |
| %RSD   | 1.021596 | 1.451247 | .7534481 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .5587186 | .0286433 | .0448397 |
| #2 | .5505395 | .0282490 | .0442401 |
| #3 | .5614799 | .0290804 | .0448036 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1282.889 | 2289.432 | 40739.43 | 4697.329 | 3472.734 |
| Stddev    | 4.576    | 25.785   | 49.31    | 52.912   | 41.338   |
| %RSD      | .3566740 | 1.126276 | .1210447 | 1.126417 | 1.190358 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1287.233 | 2266.662 | 40729.51 | 4693.006 | 3434.552 |
| #2 | 1278.113 | 2284.203 | 40695.83 | 4752.269 | 3467.019 |
| #3 | 1283.320 | 2317.431 | 40792.95 | 4646.711 | 3516.633 |

Sample Name: I2548-15      Acquired: 4/6/2017 19:39:10      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9YM4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0688051 | -.004417 | 4.456926 | -.012894 | .0023200 | 78.13435 | 2.501838 |
| Stddev | .0028382 | .003032  | .115926  | .003022  | .0003379 | .94975   | .025807  |
| %RSD   | 4.125036 | 68.63997 | 2.601023 | 23.43834 | 14.56366 | 1.215540 | 1.031508 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0701530 | -.005142 | 4.580786 | -.015382 | .0023716 | 77.70722 | 2.493363 |
| #2 | .0655441 | -.007020 | 4.351032 | -.009531 | .0019593 | 77.47317 | 2.481335 |
| #3 | .0707181 | -.001088 | 4.438959 | -.013770 | .0026292 | 79.22268 | 2.530817 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0076159 | .0143601 | 48.90691 | .1210418 | .1284263 | .1909832 | 151.9054 |
| Stddev | .0001145 | .0006413 | .52269   | .0048777 | .0037964 | .0009342 | 1.9375   |
| %RSD   | 1.502791 | 4.466028 | 1.068737 | 4.029731 | 2.956098 | .4891452 | 1.275444 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0077256 | .0150857 | 48.71902 | .1250218 | .1325964 | .1915387 | 151.5659 |
| #2 | .0074972 | .0138690 | 48.50414 | .1156006 | .1251705 | .1899047 | 150.1601 |
| #3 | .0076249 | .0141257 | 49.49757 | .1225032 | .1275120 | .1915062 | 153.9902 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.52550 | 23.23750 | .2007093 | -.008609 | .8166778 | .2172671 | 1.181488 |
| Stddev | .13887   | .23614   | .0058306 | .000472  | .0893975 | .0052550 | .058037  |
| %RSD   | 1.319320 | 1.016201 | 2.904995 | 5.479254 | 10.94648 | 2.418683 | 4.912206 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 10.49643 | 23.17196 | .2069129 | -.009135 | .8258214 | .2223430 | 1.214488 |
| #2 | 10.40347 | 23.04106 | .1953420 | -.008223 | .7230599 | .2118497 | 1.114475 |
| #3 | 10.67660 | 23.49949 | .1998730 | -.008470 | .9011521 | .2176086 | 1.215500 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.589556 | 3.639456 | -.037143 | .0015065 | 1.126600 | 8.981538 | .0063850 |
| Stddev | .108179  | .097495  | .001499  | .0004202 | .031160  | .118387  | .0008962 |
| %RSD   | 1.425366 | 2.678832 | 4.036352 | 27.89203 | 2.765863 | 1.318120 | 14.03660 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.562332 | 3.738905 | -.038865 | .0012452 | 1.159379 | 9.011574 | .0070234 |
| #2 | 7.497590 | 3.544040 | -.036132 | .0019912 | 1.097361 | 8.851026 | .0053604 |
| #3 | 7.708747 | 3.635423 | -.036431 | .0012831 | 1.123059 | 9.082015 | .0067711 |

Sample Name: I2548-15      Acquired: 4/6/2017 19:39:10      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9YM4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .6880004 | .0526848 | .0744368 |
| Stddev | .0077303 | .0006637 | .0005472 |
| %RSD   | 1.123595 | 1.259804 | .7351406 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .6863343 | .0519215 | .0741737 |
| #2 | .6812389 | .0530079 | .0740708 |
| #3 | .6964279 | .0531252 | .0750658 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1389.556 | 2370.693 | 43857.69 | 4953.934 | 3266.072 |
| Stddev    | 50.368   | 46.335   | 1342.25  | 45.784   | 76.227   |
| %RSD      | 3.624766 | 1.954472 | 3.060472 | .9241970 | 2.333904 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1354.824 | 2320.529 | 42838.71 | 4958.938 | 3184.621 |
| #2 | 1447.323 | 2411.886 | 45378.56 | 4997.010 | 3335.690 |
| #3 | 1366.521 | 2379.664 | 43355.78 | 4905.853 | 3277.905 |

Sample Name: I2548-16      Acquired: 4/6/2017 19:43:13      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9YM5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0840757 | -.006472 | 25.76822 | -.015159 | .0048515 | 85.50755 | 3.216199 |
| Stddev | .0006312 | .000278  | .26149   | .000953  | .0021154 | .27010   | .008447  |
| %RSD   | .7506943 | 4.301449 | 1.014764 | 6.289027 | 43.60284 | .3158747 | .2626386 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0847257 | -.006458 | 25.89550 | -.016118 | .0047177 | 85.78289 | 3.225953 |
| #2 | .0840363 | -.006757 | 25.46746 | -.015147 | .0028061 | 85.24302 | 3.211321 |
| #3 | .0834652 | -.006201 | 25.94169 | -.014211 | .0070306 | 85.49676 | 3.211324 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0086928 | .0362211 | 123.1800 | .1128999 | .2002467 | .5504391 | 171.5285 |
| Stddev | .0000844 | .0004530 | .2312    | .0012212 | .0019290 | .0038015 | .6754    |
| %RSD   | .9708130 | 1.250659 | .1877016 | 1.081673 | .9633223 | .6906378 | .3937444 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0086737 | .0363217 | 123.4212 | .1139402 | .2010410 | .5540408 | 172.1419 |
| #2 | .0086195 | .0357263 | 123.1584 | .1115554 | .1980474 | .5464651 | 170.8047 |
| #3 | .0087850 | .0366153 | 122.9603 | .1132042 | .2016518 | .5508116 | 171.6387 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 12.44608 | 55.82195 | .2404971 | -.007113 | .8800526 | .2374394 | 2.901239 |
| Stddev | .04786   | .24745   | .0019071 | .000123  | .0916454 | .0032190 | .018635  |
| %RSD   | .3845493 | .4432867 | .7929840 | 1.735294 | 10.41363 | 1.355704 | .6423034 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 12.49464 | 55.97383 | .2421294 | -.007180 | .8775860 | .2372779 | 2.918449 |
| #2 | 12.39894 | 55.53641 | .2384008 | -.006970 | .7896654 | .2343042 | 2.881448 |
| #3 | 12.44466 | 55.95562 | .2409612 | -.007187 | .9729065 | .2407361 | 2.903820 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.902269 | 3.602072 | -.041621 | .0010337 | 1.913898 | 7.097436 | .0076515 |
| Stddev | .052778  | .035645  | .001369  | .0001242 | .018610  | .031716  | .0018248 |
| %RSD   | .6678782 | .9895566 | 3.288356 | 12.01827 | .9723633 | .4468619 | 23.84911 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.947271 | 3.621631 | -.043201 | .0011072 | 1.922063 | 7.122519 | .0064432 |
| #2 | 7.844179 | 3.560930 | -.040785 | .0011037 | 1.892601 | 7.061786 | .0097507 |
| #3 | 7.915357 | 3.623656 | -.040877 | .0008903 | 1.927029 | 7.108003 | .0067608 |

Sample Name: I2548-16      Acquired: 4/6/2017 19:43:13      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9YM5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .7039979 | .0605766 | .1016638 |
| Stddev | .0040818 | .0007783 | .0004138 |
| %RSD   | .5798052 | 1.284761 | .4070558 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .7063114 | .0607188 | .1021246 |
| #2 | .6992849 | .0597370 | .1013238 |
| #3 | .7063974 | .0612739 | .1015430 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1340.873 | 2390.662 | 42495.47 | 4838.574 | 3244.406 |
| Stddev    | 7.226    | 19.861   | 168.80   | 21.297   | 28.794   |
| %RSD      | .5389370 | .8307812 | .3972184 | .4401601 | .8874820 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1332.604 | 2379.367 | 42304.19 | 4817.383 | 3229.846 |
| #2 | 1344.038 | 2413.595 | 42623.53 | 4859.976 | 3277.571 |
| #3 | 1345.977 | 2379.025 | 42558.71 | 4838.364 | 3225.799 |

Sample Name: I2548-17      Acquired: 4/6/2017 19:47:13      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9YM6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0740018 | -.004713 | 23.84825 | -.012015 | .0041102 | 68.47027 | 2.441744 |
| Stddev | .0010440 | .001916  | .28629   | .003665  | .0001968 | .33862   | .012125  |
| %RSD   | 1.410772 | 40.65706 | 1.200477 | 30.50640 | 4.788195 | .4945524 | .4965527 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0745160 | -.004912 | 23.54843 | -.010667 | .0040740 | 68.22940 | 2.432634 |
| #2 | .0728004 | -.002705 | 23.87756 | -.009215 | .0043225 | 68.85745 | 2.455505 |
| #3 | .0746889 | -.006522 | 24.11876 | -.016164 | .0039340 | 68.32396 | 2.437091 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0071830 | .0309701 | 94.58273 | .1158481 | .1833520 | .4951599 | 144.8023 |
| Stddev | .0000580 | .0002853 | .42091   | .0003134 | .0016207 | .0023646 | .5892    |
| %RSD   | .8077680 | .9212004 | .4450205 | .2704818 | .8839048 | .4775525 | .4068950 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0071936 | .0307390 | 94.22311 | .1160574 | .1815705 | .4928188 | 144.2640 |
| #2 | .0071204 | .0308824 | 95.04569 | .1154879 | .1837469 | .4975474 | 145.4317 |
| #3 | .0072350 | .0312890 | 94.47941 | .1159991 | .1847388 | .4951134 | 144.7113 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 11.09109 | 44.52767 | .2118593 | -.005022 | .7211970 | .2006793 | 2.382790 |
| Stddev | .04966   | .19964   | .0025643 | .000080  | .0871705 | .0017989 | .027986  |
| %RSD   | .4477314 | .4483521 | 1.210356 | 1.597563 | 12.08691 | .8963821 | 1.174516 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 11.04992 | 44.32991 | .2095341 | -.004995 | .7835144 | .2024346 | 2.364072 |
| #2 | 11.14624 | 44.72914 | .2114342 | -.004958 | .7584933 | .2007635 | 2.414963 |
| #3 | 11.07710 | 44.52396 | .2146095 | -.005112 | .6215832 | .1988399 | 2.369336 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.354369 | 3.047316 | -.034213 | .0015711 | 1.519756 | 6.073147 | .0070391 |
| Stddev | .028872  | .031483  | .001954  | .0003258 | .023241  | .058282  | .0009136 |
| %RSD   | .4543698 | 1.033135 | 5.711508 | 20.73748 | 1.529262 | .9596663 | 12.97883 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.334951 | 3.012226 | -.035100 | .0018624 | 1.495522 | 6.061807 | .0080908 |
| #2 | 6.387547 | 3.056631 | -.031972 | .0012193 | 1.521889 | 6.021369 | .0065838 |
| #3 | 6.340607 | 3.073090 | -.035565 | .0016318 | 1.541857 | 6.136266 | .0064425 |

Sample Name: I2548-17      Acquired: 4/6/2017 19:47:13      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9YM6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .6347089 | .0477363 | .0787571 |
| Stddev | .0019576 | .0004009 | .0004873 |
| %RSD   | .3084301 | .8398839 | .6186875 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .6324505 | .0481930 | .0782188 |
| #2 | .6357544 | .0475735 | .0791681 |
| #3 | .6359219 | .0474423 | .0788843 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1324.571 | 2321.072 | 41950.38 | 4774.688 | 3262.763 |
| Stddev    | 9.622    | 12.579   | 221.28   | 12.647   | 30.175   |
| %RSD      | .7263867 | .5419396 | .5274768 | .2648860 | .9248186 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1318.544 | 2335.520 | 41705.05 | 4786.940 | 3296.341 |
| #2 | 1319.502 | 2315.140 | 42011.22 | 4761.679 | 3254.030 |
| #3 | 1335.667 | 2312.556 | 42134.88 | 4775.444 | 3237.918 |

Sample Name: I2548-18      Acquired: 4/6/2017 19:51:16      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9YM7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0729484 | -.004194 | 25.79882 | -.014642 | .0043298 | 75.17988 | 3.333162 |
| Stddev | .0006673 | .002424  | .05627   | .002380  | .0019960 | .31715   | .008669  |
| %RSD   | .9147177 | 57.79980 | .2181204 | 16.25293 | 46.09802 | .4218527 | .2600810 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0735124 | -.006896 | 25.82590 | -.011959 | .0020257 | 75.08788 | 3.325635 |
| #2 | .0722118 | -.002209 | 25.73413 | -.015470 | .0055264 | 75.53286 | 3.342640 |
| #3 | .0731209 | -.003478 | 25.83644 | -.016497 | .0054373 | 74.91891 | 3.331212 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0078635 | .0340144 | 123.4235 | .1069251 | .1885299 | .5283061 | 158.7252 |
| Stddev | .0000492 | .0001993 | .7392    | .0012004 | .0001656 | .0012546 | 1.0902   |
| %RSD   | .6250554 | .5858603 | .5989479 | 1.122680 | .0878177 | .2374816 | .6868778 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0078230 | .0341412 | 123.3876 | .1081738 | .1884370 | .5278835 | 158.8191 |
| #2 | .0079182 | .0337847 | 124.1800 | .1068220 | .1887211 | .5273174 | 159.7655 |
| #3 | .0078493 | .0341173 | 122.7028 | .1057796 | .1884316 | .5297175 | 157.5910 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 12.35198 | 61.15478 | .2232569 | -.006072 | .8737105 | .2163170 | 2.625344 |
| Stddev | .10891   | .34730   | .0001011 | .000327  | .0553291 | .0007670 | .034052  |
| %RSD   | .8817481 | .5679027 | .0452661 | 5.392137 | 6.332655 | .3545576 | 1.297032 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 12.34382 | 61.16244 | .2232851 | -.006406 | .9190709 | .2154333 | 2.586056 |
| #2 | 12.46475 | 61.49818 | .2231448 | -.006060 | .8120671 | .2168082 | 2.643618 |
| #3 | 12.24738 | 60.80371 | .2233409 | -.005751 | .8899934 | .2167097 | 2.646357 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.257126 | 3.262848 | -.038296 | .0008034 | 1.854738 | 7.835732 | .0076058 |
| Stddev | .015139  | .008590  | .002090  | .0002529 | .002276  | .066206  | .0016138 |
| %RSD   | .2086031 | .2632677 | 5.456925 | 31.47422 | .1226914 | .8449206 | 21.21757 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.255005 | 3.267393 | -.035924 | .0006725 | 1.854267 | 7.824848 | .0094660 |
| #2 | 7.243159 | 3.252940 | -.039864 | .0010949 | 1.852734 | 7.906705 | .0067711 |
| #3 | 7.273213 | 3.268209 | -.039101 | .0006428 | 1.857212 | 7.775643 | .0065803 |

Sample Name: I2548-18      Acquired: 4/6/2017 19:51:16      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9YM7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .6475306 | .0532943 | .0943024 |
| Stddev | .0027275 | .0002393 | .0004312 |
| %RSD   | .4212188 | .4490546 | .4572705 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .6463239 | .0535517 | .0943011 |
| #2 | .6506534 | .0532528 | .0947343 |
| #3 | .6456146 | .0530784 | .0938719 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1299.787 | 2302.316 | 41249.14 | 4693.087 | 3178.868 |
| Stddev    | 6.281    | 10.286   | 84.77    | 37.646   | 8.657    |
| %RSD      | .4832445 | .4467515 | .2055091 | .8021684 | .2723366 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1306.140 | 2292.483 | 41217.67 | 4687.478 | 3172.564 |
| #2 | 1299.642 | 2313.001 | 41184.61 | 4658.560 | 3188.738 |
| #3 | 1293.580 | 2301.464 | 41345.15 | 4733.223 | 3175.300 |

Sample Name: I2548-19      Acquired: 4/6/2017 19:55:17      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9YM8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0614490 | -.003021 | 1.535103 | -.009770 | .0013409 | 73.40851 | 2.802404 |
| Stddev | .0029652 | .000344  | .021489  | .001108  | .0014857 | 2.16259  | .083750  |
| %RSD   | 4.825469 | 11.39495 | 1.399833 | 11.34358 | 110.8022 | 2.945971 | 2.988495 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0596418 | -.002708 | 1.555972 | -.009336 | .0018573 | 72.80929 | 2.772280 |
| #2 | .0598342 | -.002964 | 1.513043 | -.011029 | -.000334 | 75.80752 | 2.897049 |
| #3 | .0648712 | -.003390 | 1.536293 | -.008944 | .002499  | 71.60871 | 2.737884 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0076299 | .0133227 | 34.89619 | .1041066 | .1031022 | .1523796 | 145.3760 |
| Stddev | .0001592 | .0004281 | .84179   | .0005512 | .0019283 | .0042941 | 3.8585   |
| %RSD   | 2.085940 | 3.213456 | 2.412256 | .5294992 | 1.870278 | 2.818026 | 2.654142 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0075463 | .0135815 | 34.61647 | .1047431 | .1053083 | .1494607 | 144.5513 |
| #2 | .0078135 | .0128285 | 35.84222 | .1037940 | .1017381 | .1573102 | 149.5802 |
| #3 | .0075300 | .0135580 | 34.22987 | .1037827 | .1022602 | .1503677 | 141.9965 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.00823 | 17.31217 | .1606464 | -.008156 | .8051403 | .2114518 | 1.178295 |
| Stddev | .28115   | .51763   | .0023683 | .000213  | .0919733 | .0076797 | .028488  |
| %RSD   | 2.809236 | 2.990001 | 1.474232 | 2.606030 | 11.42326 | 3.631896 | 2.417709 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 9.95246  | 17.10243 | .1633613 | -.008242 | .7037932 | .2115158 | 1.199523 |
| #2 | 10.31309 | 17.90176 | .1590044 | -.007914 | .8833032 | .2190992 | 1.189443 |
| #3 | 9.75914  | 16.93232 | .1595735 | -.008313 | .8283245 | .2037402 | 1.145919 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.266612 | 2.858498 | -.038086 | .0009743 | 1.129545 | 4.249348 | .0065225 |
| Stddev | .195104  | .055207  | .000638  | .0001707 | .025002  | .092909  | .0010674 |
| %RSD   | 3.113382 | 1.931326 | 1.676156 | 17.51658 | 2.213435 | 2.186430 | 16.36459 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.193370 | 2.917772 | -.038758 | .0008000 | 1.157032 | 4.202245 | .0077401 |
| #2 | 6.487738 | 2.808545 | -.038012 | .0009819 | 1.108157 | 4.356374 | .0057482 |
| #3 | 6.118728 | 2.849177 | -.037487 | .0011411 | 1.123445 | 4.189424 | .0060791 |

Sample Name: I2548-19      Acquired: 4/6/2017 19:55:17      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9YM8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5692600 | .0477645 | .0583088 |
| Stddev | .0189434 | .0017641 | .0017416 |
| %RSD   | 3.327720 | 3.693360 | 2.986891 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .5640127 | .0477787 | .0577852 |
| #2 | .5902739 | .0495214 | .0602522 |
| #3 | .5534934 | .0459933 | .0568891 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1364.089 | 2432.769 | 42607.35 | 4741.780 | 3431.697 |
| Stddev    | 10.825   | 28.949   | 306.30   | 105.128  | 50.477   |
| %RSD      | .7935838 | 1.189944 | .7188873 | 2.217067 | 1.470893 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1355.311 | 2404.469 | 42318.08 | 4761.046 | 3378.489 |
| #2 | 1360.772 | 2462.325 | 42575.74 | 4628.352 | 3478.906 |
| #3 | 1376.185 | 2431.513 | 42928.23 | 4835.944 | 3437.696 |

Sample Name: I2548-20      Acquired: 4/6/2017 19:59:21      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9YM9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0613224 | -.003123 | 1.358215 | -.009783 | .0020866 | 65.21385 | 2.528155 |
| Stddev | .0023597 | .000838  | .004006  | .005303  | .0008473 | .32782   | .008833  |
| %RSD   | 3.847971 | 26.83271 | .2949128 | 54.20739 | 40.60604 | .5026823 | .3494029 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0640331 | -.003267 | 1.362829 | -.014758 | .0011991 | 64.94253 | 2.519558 |
| #2 | .0597283 | -.002223 | 1.355620 | -.010390 | .0021738 | 65.12092 | 2.527701 |
| #3 | .0602058 | -.003880 | 1.356198 | -.004203 | .0028869 | 65.57810 | 2.537207 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0070574 | .0119474 | 37.34768 | .1051972 | .0944050 | .1471312 | 133.5838 |
| Stddev | .0000750 | .0000652 | .29693   | .0015443 | .0003409 | .0012415 | 1.2603   |
| %RSD   | 1.062281 | .5455213 | .7950330 | 1.467966 | .3610964 | .8438414 | .9434796 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0070225 | .0120227 | 37.16644 | .1069774 | .0944007 | .1460327 | 132.5225 |
| #2 | .0070062 | .0119097 | 37.18625 | .1043949 | .0947481 | .1484782 | 133.2522 |
| #3 | .0071434 | .0119098 | 37.69035 | .1042192 | .0940663 | .1468828 | 134.9768 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.975434 | 18.27542 | .1484179 | -.007779 | .6725255 | .1948256 | 1.085901 |
| Stddev | .087131  | .17583   | .0006918 | .000558  | .0377864 | .0014864 | .002788  |
| %RSD   | .9707678 | .9621371 | .4661189 | 7.171030 | 5.618577 | .7629461 | .2567772 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 8.893803 | 18.10414 | .1482203 | -.008314 | .6933118 | .1948459 | 1.084616 |
| #2 | 8.965317 | 18.26664 | .1491870 | -.007820 | .6953553 | .1933292 | 1.089101 |
| #3 | 9.067181 | 18.45548 | .1478463 | -.007201 | .6289096 | .1963018 | 1.083988 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.778065 | 2.688819 | -.034345 | .0011812 | 1.035995 | 7.388096 | .0061831 |
| Stddev | .043410  | .008766  | .000461  | .0002072 | .006659  | .048519  | .0007367 |
| %RSD   | .7512853 | .3260122 | 1.341855 | 17.53825 | .6427181 | .6567213 | 11.91462 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.757831 | 2.688684 | -.034014 | .0014023 | 1.041444 | 7.353632 | .0055035 |
| #2 | 5.748466 | 2.697651 | -.034871 | .0009916 | 1.037968 | 7.367075 | .0069660 |
| #3 | 5.827898 | 2.680120 | -.034148 | .0011496 | 1.028573 | 7.443581 | .0060798 |

Sample Name: I2548-20      Acquired: 4/6/2017 19:59:21      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9YM9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .6584436 | .0419800 | .0545785 |
| Stddev | .0038902 | .0005554 | .0001105 |
| %RSD   | .5908187 | 1.323011 | .2024769 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .6615076 | .0416273 | .0544617 |
| #2 | .6540668 | .0416925 | .0545925 |
| #3 | .6597563 | .0426202 | .0546813 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1344.387 | 2372.076 | 42070.10 | 4759.142 | 3387.077 |
| Stddev    | 11.562   | 8.845    | 520.57   | 38.555   | 14.002   |
| %RSD      | .8600339 | .3728738 | 1.237385 | .8101198 | .4134048 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1331.460 | 2363.218 | 41469.00 | 4783.773 | 3372.477 |
| #2 | 1347.962 | 2372.102 | 42373.78 | 4778.944 | 3388.360 |
| #3 | 1353.740 | 2380.908 | 42367.50 | 4714.711 | 3400.393 |

Sample Name: I2548-21      Acquired: 4/6/2017 20:03:24      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9YN0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0696995 | -.001463 | 1.812879 | -.011350 | .0038002 | 92.18896 | 3.532744 |
| Stddev | .0016379 | .003414  | .013968  | .003428  | .0009591 | 3.13137  | .118637  |
| %RSD   | 2.349944 | 233.3355 | .7704732 | 30.20399 | 25.23968 | 3.396692 | 3.358211 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0715886 | -.002809 | 1.818074 | -.014970 | .0027720 | 95.42646 | 3.655981 |
| #2 | .0688345 | -.004000 | 1.797058 | -.008153 | .0046708 | 89.17578 | 3.419316 |
| #3 | .0686755 | .002419  | 1.823504 | -.010927 | .0039577 | 91.96465 | 3.522935 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0088735 | .0155410 | 40.05074 | .1203324 | .1243462 | .1871267 | 167.8036 |
| Stddev | .0002488 | .0002375 | 1.39745  | .0004090 | .0013733 | .0057887 | 6.2585   |
| %RSD   | 2.804240 | 1.528052 | 3.489205 | .3398756 | 1.104445 | 3.093470 | 3.729629 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0091141 | .0153391 | 41.51409 | .1204419 | .1253320 | .1936737 | 174.3791 |
| #2 | .0086171 | .0154813 | 38.73014 | .1206755 | .1227776 | .1826861 | 161.9196 |
| #3 | .0088893 | .0158026 | 39.90799 | .1198798 | .1249289 | .1850203 | 167.1122 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 11.64307 | 19.80444 | .1963897 | -.009854 | .9530778 | .2496252 | 1.353618 |
| Stddev | .42208   | .74920   | .0021097 | .000219  | .0419617 | .0090456 | .032167  |
| %RSD   | 3.625133 | 3.782989 | 1.074253 | 2.219260 | 4.402753 | 3.623660 | 2.376335 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 12.08481 | 20.60416 | .1971243 | -.009609 | .9735135 | .2567697 | 1.389491 |
| #2 | 11.24388 | 19.11885 | .1940109 | -.009924 | .9809068 | .2394545 | 1.327343 |
| #3 | 11.60052 | 19.69031 | .1980340 | -.010030 | .9048130 | .2526514 | 1.344020 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.449364 | 3.527059 | -.041991 | .0016290 | 1.442132 | 11.32292 | .0086856 |
| Stddev | .332590  | .039370  | .001741  | .0002557 | .007062  | .37660   | .0004268 |
| %RSD   | 3.936270 | 1.116222 | 4.144942 | 15.69777 | .4897140 | 3.325980 | 4.913541 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 8.786803 | 3.553414 | -.042762 | .0014468 | 1.441693 | 11.71302 | .0085168 |
| #2 | 8.121845 | 3.481803 | -.043213 | .0015189 | 1.435299 | 10.96146 | .0091710 |
| #3 | 8.439443 | 3.545960 | -.039999 | .0019213 | 1.449403 | 11.29428 | .0083691 |

Sample Name: I2548-21      Acquired: 4/6/2017 20:03:24      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9YN0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .7877885 | .0600789 | .0747344 |
| Stddev | .0275838 | .0019871 | .0025442 |
| %RSD   | 3.501424 | 3.307497 | 3.404270 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .8165950 | .0620167 | .0773102 |
| #2 | .7616164 | .0580459 | .0722231 |
| #3 | .7851542 | .0601742 | .0746698 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1402.962 | 2479.074 | 44099.49 | 4847.703 | 3346.138 |
| Stddev    | 9.177    | 17.231   | 328.00   | 158.695  | 29.056   |
| %RSD      | .6540944 | .6950679 | .7437811 | 3.273613 | .8683399 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1396.085 | 2465.134 | 43786.89 | 4680.762 | 3326.824 |
| #2 | 1399.420 | 2498.339 | 44070.59 | 4996.611 | 3379.553 |
| #3 | 1413.382 | 2473.747 | 44440.99 | 4865.737 | 3332.035 |

Sample Name: I2548-22      Acquired: 4/6/2017 20:07:24      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9YN1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0379033 | -.004255 | 3.568188 | -.006128 | .0012338 | 40.88645 | 1.993944 |
| Stddev | .0010102 | .000996  | .025148  | .000637  | .0013562 | .32874   | .016342  |
| %RSD   | 2.665169 | 23.41655 | .7047728 | 10.39093 | 109.9233 | .8040396 | .8195825 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0389168 | -.003257 | 3.582100 | -.005774 | .0015794 | 40.51078 | 1.975419 |
| #2 | .0368965 | -.005250 | 3.583305 | -.005746 | -.000262 | 41.12149 | 2.006315 |
| #3 | .0378968 | -.004258 | 3.539158 | -.006863 | .002384  | 41.02706 | 2.000100 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0046555 | .0191699 | 58.61994 | .0862755 | .0749061 | .1663088 | 91.99581 |
| Stddev | .0000810 | .0002534 | .53466   | .0020006 | .0008035 | .0009113 | .67354   |
| %RSD   | 1.739500 | 1.321732 | .9120719 | 2.318897 | 1.072685 | .5479627 | .7321457 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0045833 | .0192661 | 58.06501 | .0870072 | .0754988 | .1654896 | 91.21964 |
| #2 | .0046401 | .0193610 | 59.13171 | .0878073 | .0752278 | .1661464 | 92.34111 |
| #3 | .0047431 | .0188825 | 58.66310 | .0840120 | .0739915 | .1672904 | 92.42668 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.743227 | 20.99747 | .1100701 | -.004269 | .5230416 | .1553829 | 1.170422 |
| Stddev | .053599  | .18233   | .0013101 | .000408  | .1200261 | .0015942 | .018366  |
| %RSD   | .9332635 | .8683605 | 1.190223 | 9.552583 | 22.94772 | 1.025994 | 1.569146 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.682227 | 20.78856 | .1110322 | -.004682 | .4219510 | .1542150 | 1.183960 |
| #2 | 5.764660 | 21.12458 | .1105999 | -.004257 | .4914785 | .1571992 | 1.177791 |
| #3 | 5.782793 | 21.07927 | .1085780 | -.003867 | .6556952 | .1547346 | 1.149517 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.216607 | 2.805013 | -.016895 | .0008081 | 1.913551 | 3.795044 | .0036311 |
| Stddev | .044286  | .017157  | .001399  | .0005137 | .018708  | .036854  | .0001883 |
| %RSD   | 1.050281 | .6116660 | 8.280522 | 63.57073 | .9776722 | .9711120 | 5.184339 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.172401 | 2.806365 | -.017977 | .0005133 | 1.928358 | 3.779741 | .0034350 |
| #2 | 4.216447 | 2.821455 | -.017394 | .0014013 | 1.919771 | 3.837084 | .0038104 |
| #3 | 4.260973 | 2.787220 | -.015315 | .0005097 | 1.892525 | 3.768307 | .0036478 |

Sample Name: I2548-22      Acquired: 4/6/2017 20:07:24      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MG9YN1      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5497042 | .0262247 | .0648416 |
| Stddev | .0052134 | .0006457 | .0004070 |
| %RSD   | .9484043 | 2.462161 | .6276882 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .5443931 | .0260949 | .0644201 |
| #2 | .5499052 | .0256537 | .0652323 |
| #3 | .5548142 | .0269254 | .0648724 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1300.146 | 2277.488 | 40969.90 | 4429.361 | 3433.713 |
| Stddev    | 19.166   | 12.891   | 658.77   | 29.195   | 24.213   |
| %RSD      | 1.474156 | .5660152 | 1.607940 | .6591264 | .7051559 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1292.251 | 2275.954 | 40642.66 | 4463.054 | 3421.261 |
| #2 | 1286.188 | 2265.433 | 40538.82 | 4413.488 | 3418.260 |
| #3 | 1321.998 | 2291.077 | 41728.22 | 4411.541 | 3461.618 |

Sample Name: I2550-01      Acquired: 4/6/2017 20:11:29      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9YN2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0437382 | -.004350 | 4.423588 | -.008517 | .0036385 | 50.11887 | 2.569031 |
| Stddev | .0008227 | .001192  | .009736  | .001383  | .0002767 | .36430   | .022784  |
| %RSD   | 1.881016 | 27.41032 | .2200840 | 16.24141 | 7.604117 | .7268687 | .8868839 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0432011 | -.004456 | 4.412458 | -.008369 | .0038589 | 50.04065 | 2.560072 |
| #2 | .0433282 | -.005486 | 4.427785 | -.007214 | .0033280 | 50.51593 | 2.594933 |
| #3 | .0446854 | -.003108 | 4.430521 | -.009969 | .0037288 | 49.80004 | 2.552088 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0056184 | .0253847 | 74.73874 | .0893407 | .0892188 | .2134945 | 105.6536 |
| Stddev | .0000581 | .0001762 | .53421   | .0015179 | .0004457 | .0026215 | .7871    |
| %RSD   | 1.033380 | .6941685 | .7147762 | 1.698950 | .4995322 | 1.227919 | .7449815 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0055620 | .0251955 | 74.78531 | .0888030 | .0887985 | .2125376 | 105.6840 |
| #2 | .0056154 | .0255442 | 75.24815 | .0881649 | .0891719 | .2164601 | 106.4250 |
| #3 | .0056780 | .0254143 | 74.18277 | .0910542 | .0896861 | .2114859 | 104.8517 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.894824 | 26.67891 | .1366512 | -.005262 | .5646869 | .1738235 | 1.431481 |
| Stddev | .054623  | .16187   | .0007171 | .000354  | .1109771 | .0028435 | .011120  |
| %RSD   | .7922299 | .6067223 | .5247746 | 6.732518 | 19.65285 | 1.635871 | .7768378 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.881242 | 26.58931 | .1358497 | -.005497 | .4767573 | .1709956 | 1.432868 |
| #2 | 6.954956 | 26.86577 | .1368721 | -.004855 | .6893809 | .1766824 | 1.419733 |
| #3 | 6.848273 | 26.58165 | .1372319 | -.005436 | .5279225 | .1737926 | 1.441843 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.190333 | 3.384789 | -.019420 | .0009772 | 2.744502 | 3.605300 | .0053888 |
| Stddev | .051113  | .011004  | .000680  | .0002031 | .003054  | .015176  | .0005256 |
| %RSD   | .9847762 | .3251042 | 3.502939 | 20.78598 | .1112690 | .4209428 | 9.753932 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.152352 | 3.379931 | -.019784 | .0010956 | 2.747258 | 3.599946 | .0052738 |
| #2 | 5.248447 | 3.397386 | -.019841 | .0010933 | 2.745030 | 3.622428 | .0049302 |
| #3 | 5.170201 | 3.377049 | -.018635 | .0007427 | 2.741219 | 3.593527 | .0059624 |

Sample Name: I2550-01      Acquired: 4/6/2017 20:11:29      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9YN2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5738548 | .0332442 | .0832002 |
| Stddev | .0055620 | .0006041 | .0008062 |
| %RSD   | .9692363 | 1.817284 | .9689771 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .5758687 | .0328336 | .0830394 |
| #2 | .5781294 | .0339379 | .0840747 |
| #3 | .5675664 | .0329612 | .0824865 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1289.458 | 2301.558 | 40956.43 | 4466.054 | 3369.599 |
| Stddev    | 5.751    | 10.208   | 160.34   | 35.601   | 9.644    |
| %RSD      | .4460281 | .4435207 | .3914892 | .7971431 | .2862044 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1295.051 | 2309.903 | 41037.54 | 4458.849 | 3379.927 |
| #2 | 1289.762 | 2290.176 | 41060.02 | 4434.606 | 3360.828 |
| #3 | 1283.561 | 2304.594 | 40771.74 | 4504.706 | 3368.042 |

Sample Name: I2550-02      Acquired: 4/6/2017 20:15:33      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9YN3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0420309 | -.004273 | 3.245228 | -.006367 | .0011743 | 40.77606 | 2.135687 |
| Stddev | .0015609 | .001303  | .009722  | .000918  | .0010421 | .31033   | .012180  |
| %RSD   | 3.713766 | 30.49693 | .2995840 | 14.42422 | 88.74477 | .7610535 | .5703055 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0416816 | -.005741 | 3.235851 | -.007304 | .0019984 | 40.64656 | 2.130491 |
| #2 | .0437368 | -.003821 | 3.244572 | -.006329 | .0015218 | 40.55145 | 2.126967 |
| #3 | .0406742 | -.003255 | 3.255262 | -.005468 | .0000028 | 41.13016 | 2.149603 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0045231 | .0121061 | 64.25735 | .0806984 | .0738829 | .1396275 | 92.14607 |
| Stddev | .0000598 | .0000646 | .40675   | .0006727 | .0003080 | .0009353 | .95519   |
| %RSD   | 1.322177 | .5337157 | .6330043 | .8336386 | .4168177 | .6698483 | 1.036605 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0045855 | .0121782 | 64.07205 | .0813446 | .0736497 | .1400639 | 91.66839 |
| #2 | .0045177 | .0120866 | 63.97625 | .0807487 | .0737669 | .1385538 | 91.52396 |
| #3 | .0044662 | .0120534 | 64.72376 | .0800019 | .0742320 | .1402649 | 93.24587 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.992266 | 24.11058 | .1029548 | -.004539 | .5489798 | .1416307 | 1.034157 |
| Stddev | .055630  | .21076   | .0009263 | .000257  | .0335069 | .0025875 | .016186  |
| %RSD   | .9283558 | .8741291 | .8997174 | 5.670380 | 6.103493 | 1.826948 | 1.565180 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.986332 | 24.03962 | .1021143 | -.004342 | .5509233 | .1444850 | 1.052698 |
| #2 | 5.939841 | 23.94446 | .1028021 | -.004830 | .5814727 | .1394386 | 1.026936 |
| #3 | 6.050624 | 24.34766 | .1039480 | -.004445 | .5145434 | .1409687 | 1.022839 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.218339 | 2.721386 | -.019370 | .0006467 | 1.484439 | 3.040300 | .0089922 |
| Stddev | .024634  | .008910  | .001417  | .0004115 | .002447  | .008512  | .0009076 |
| %RSD   | .5839853 | .3273958 | 7.316314 | 63.62326 | .1648557 | .2799754 | 10.09373 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.210987 | 2.711937 | -.019089 | .0008398 | 1.485826 | 3.032596 | .0094539 |
| #2 | 4.198217 | 2.722588 | -.018115 | .0009262 | 1.481613 | 3.038865 | .0095761 |
| #3 | 4.245812 | 2.729634 | -.020907 | .0001742 | 1.485877 | 3.049438 | .0079465 |

Sample Name: I2550-02      Acquired: 4/6/2017 20:15:33      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MG9YN3      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5114473 | .0258811 | .0674867 |
| Stddev | .0045727 | .0003506 | .0004790 |
| %RSD   | .8940670 | 1.354661 | .7098060 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .5126040 | .0262367 | .0673406 |
| #2 | .5064073 | .0255357 | .0670977 |
| #3 | .5153305 | .0258708 | .0680218 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1263.042 | 2229.968 | 39695.76 | 4298.563 | 3382.111 |
| Stddev    | 6.135    | 5.774    | 121.60   | 31.945   | 11.770   |
| %RSD      | .4857157 | .2589055 | .3063353 | .7431439 | .3480019 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1258.025 | 2228.219 | 39596.15 | 4314.065 | 3390.711 |
| #2 | 1261.219 | 2236.414 | 39659.85 | 4319.798 | 3386.925 |
| #3 | 1269.882 | 2225.271 | 39831.27 | 4261.825 | 3368.698 |

Sample Name: I2550-03      Acquired: 4/6/2017 20:19:37      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9YN4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0567503 | -.003583 | 5.001472 | -.010439 | .0011499 | 66.23649 | 3.943496 |
| Stddev | .0014166 | .002192  | .017600  | .003276  | .0007105 | .51079   | .024837  |
| %RSD   | 2.496160 | 61.18434 | .3518901 | 31.38200 | 61.78665 | .7711597 | .6298102 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0583100 | -.001355 | 5.016280 | -.011518 | .0014908 | 66.73885 | 3.962258 |
| #2 | .0563971 | -.003656 | 4.982014 | -.006760 | .0003332 | 65.71767 | 3.915331 |
| #3 | .0555437 | -.005737 | 5.006122 | -.013039 | .0016256 | 66.25294 | 3.952898 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0066458 | .0184096 | 124.8452 | .0926016 | .1167440 | .2031853 | 135.3982 |
| Stddev | .0001215 | .0000547 | 1.1414   | .0012373 | .0002580 | .0001315 | 1.3144   |
| %RSD   | 1.828660 | .2972247 | .9142526 | 1.336163 | .2210088 | .0647093 | .9707492 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0067232 | .0184687 | 126.1008 | .0913941 | .1169536 | .2032080 | 136.6698 |
| #2 | .0067085 | .0183993 | 123.8704 | .0938667 | .1164558 | .2030439 | 134.0449 |
| #3 | .0065057 | .0183608 | 124.5645 | .0925441 | .1168227 | .2033040 | 135.4799 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.520827 | 51.72156 | .1584206 | -.006925 | .8564618 | .1882436 | 1.648483 |
| Stddev | .107721  | .36923   | .0004820 | .000182  | .0884919 | .0030559 | .014416  |
| %RSD   | 1.131428 | .7138813 | .3042524 | 2.626428 | 10.33226 | 1.623393 | .8744939 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 9.627186 | 52.07552 | .1588519 | -.006959 | .9077186 | .1914725 | 1.643453 |
| #2 | 9.411793 | 51.33875 | .1579003 | -.007087 | .7542803 | .1853966 | 1.664740 |
| #3 | 9.523502 | 51.75040 | .1585095 | -.006728 | .9073864 | .1878616 | 1.637256 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.452798 | 4.332262 | -.030504 | .0007394 | 2.405941 | 7.374206 | .0067944 |
| Stddev | .008883  | .015502  | .000413  | .0001408 | .009035  | .124980  | .0007905 |
| %RSD   | .1191875 | .3578246 | 1.354380 | 19.04867 | .3755186 | 1.694830 | 11.63404 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.461750 | 4.346987 | -.030860 | .0007981 | 2.416349 | 7.485612 | .0075836 |
| #2 | 7.443986 | 4.316085 | -.030051 | .0008413 | 2.400113 | 7.239057 | .0060027 |
| #3 | 7.452656 | 4.333713 | -.030600 | .0005787 | 2.401363 | 7.397949 | .0067970 |

Sample Name: I2550-03      Acquired: 4/6/2017 20:19:37      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MG9YN4      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .6498770 | .0457332 | .1186395 |
| Stddev | .0116485 | .0007993 | .0006610 |
| %RSD   | 1.792417 | 1.747684 | .5571280 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .6614723 | .0463379 | .1189661 |
| #2 | .6381760 | .0448270 | .1178788 |
| #3 | .6499826 | .0460347 | .1190736 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1280.414 | 2266.483 | 40445.42 | 4390.458 | 3201.709 |
| Stddev    | 3.396    | 9.756    | 172.78   | 48.235   | 11.518   |
| %RSD      | .2652598 | .4304320 | .4272042 | 1.098624 | .3597389 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1282.651 | 2259.228 | 40643.62 | 4338.375 | 3192.862 |
| #2 | 1282.085 | 2277.574 | 40366.13 | 4433.590 | 3214.732 |
| #3 | 1276.506 | 2262.648 | 40326.51 | 4399.410 | 3197.532 |

Sample Name: I2550-04      Acquired: 4/6/2017 20:23:41      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9YN5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0479179 | -.005123 | 4.399581 | -.007081 | .0003721 | 43.33458 | 2.581656 |
| Stddev | .0026079 | .001573  | .031520  | .002311  | .0009458 | .34689   | .018733  |
| %RSD   | 5.442543 | 30.70875 | .7164419 | 32.63648 | 254.1821 | .8004931 | .7256292 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0496064 | -.006705 | 4.378327 | -.004513 | -.000102 | 43.16629 | 2.571204 |
| #2 | .0449142 | -.005107 | 4.384620 | -.007734 | -.000243 | 43.73351 | 2.603284 |
| #3 | .0492331 | -.003558 | 4.435796 | -.008994 | .001461  | 43.10393 | 2.570482 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0051286 | .0185693 | 66.57361 | .0871924 | .0878724 | .1770410 | 104.9350 |
| Stddev | .0000223 | .0001764 | .64045   | .0015733 | .0007139 | .0017407 | .7278    |
| %RSD   | .4355255 | .9498393 | .9620235 | 1.804402 | .8124100 | .9832052 | .6935938 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0051035 | .0183927 | 66.42467 | .0875346 | .0872960 | .1751402 | 104.7718 |
| #2 | .0051462 | .0185697 | 67.27542 | .0885664 | .0876503 | .1774255 | 105.7305 |
| #3 | .0051361 | .0187455 | 66.02076 | .0854761 | .0886709 | .1785573 | 104.3026 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.013216 | 29.84535 | .1125120 | -.004779 | .4667501 | .1621405 | 1.375529 |
| Stddev | .049607  | .15902   | .0005351 | .000312  | .1224135 | .0033982 | .018592  |
| %RSD   | .7073360 | .5328041 | .4756174 | 6.522785 | 26.22677 | 2.095849 | 1.351635 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.012627 | 29.77929 | .1120845 | -.005029 | .3254392 | .1604336 | 1.368432 |
| #2 | 7.063115 | 30.02675 | .1123394 | -.004878 | .5403175 | .1660538 | 1.361530 |
| #3 | 6.963906 | 29.73001 | .1131121 | -.004430 | .5344937 | .1599341 | 1.396624 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.567813 | 2.925540 | -.021378 | .0006771 | 1.704578 | 4.327208 | .0094868 |
| Stddev | .050081  | .020754  | .001503  | .0002801 | .015006  | .064005  | .0008108 |
| %RSD   | 1.096393 | .7094003 | 7.029828 | 41.36707 | .8803258 | 1.479134 | 8.546426 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.549708 | 2.909409 | -.020901 | .0009244 | 1.703357 | 4.394394 | .0085506 |
| #2 | 4.624429 | 2.918257 | -.023061 | .0007338 | 1.690220 | 4.320281 | .0099606 |
| #3 | 4.529303 | 2.948954 | -.020171 | .0003729 | 1.720157 | 4.266947 | .0099492 |

Sample Name: I2550-04      Acquired: 4/6/2017 20:23:41      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9YN5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5712275 | .0278917 | .0695897 |
| Stddev | .0020581 | .0003077 | .0005641 |
| %RSD   | .3602921 | 1.103174 | .8106092 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .5689068 | .0282465 | .0693573 |
| #2 | .5728309 | .0277313 | .0702329 |
| #3 | .5719449 | .0276974 | .0691789 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1273.363 | 2257.654 | 40091.55 | 4314.795 | 3383.815 |
| Stddev    | 8.193    | 1.065    | 294.66   | 33.092   | 9.690    |
| %RSD      | .6434392 | .0471648 | .7349610 | .7669510 | .2863736 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1280.356 | 2258.848 | 40054.99 | 4319.199 | 3389.476 |
| #2 | 1264.348 | 2257.311 | 39816.88 | 4279.721 | 3389.344 |
| #3 | 1275.384 | 2256.803 | 40402.78 | 4345.465 | 3372.626 |

Sample Name: CCV032      Acquired: 4/6/2017 20:27:47      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV032      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.118850 | 4.736949 | 23.42064 | 5.094752 | 5.179332 | 434.6945 |
| Stddev | .019192  | .026104  | .06142   | .026086  | .036019  | 2.2423   |
| %RSD   | .3749319 | .5510808 | .2622398 | .5120115 | .6954388 | .5158259 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 5.140889 | 4.763318 | 23.41774 | 5.119457 | 5.216079 | 436.1454 |
| #2 | 5.109844 | 4.736411 | 23.48346 | 5.097323 | 5.177828 | 432.1119 |
| #3 | 5.105818 | 4.711118 | 23.36072 | 5.067476 | 5.144088 | 435.8263 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.36320 | .5054208 | 2.385708 | 423.1462 | 14.84649 | 2.400172 |
| Stddev | .05901   | .0033636 | .008892  | 3.5207   | .02097   | .007037  |
| %RSD   | .5694016 | .6654972 | .3727325 | .8320294 | .1412304 | .2931718 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 10.41923 | .5081911 | 2.380251 | 423.6988 | 14.84275 | 2.400315 |
| #2 | 10.30161 | .5016782 | 2.395970 | 419.3818 | 14.82765 | 2.407136 |
| #3 | 10.36876 | .5063931 | 2.380905 | 426.3578 | 14.86908 | 2.393065 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790     | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | 15.50665 | 430.1330 | 15.07564 | F 440.7117 | 2.397139 | 1.252089 |
| Stddev | .06796   | 2.5561   | .11208   | 2.2398     | .009732  | .003985  |
| %RSD   | .4382540 | .5942684 | .7434301 | .5082211   | .4059986 | .3182728 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 15.55904 | 430.5984 | 15.09259 | 441.2213 | 2.400315 | 1.251498 |
| #2 | 15.42986 | 427.3762 | 14.95605 | 438.2610 | 2.404886 | 1.248433 |
| #3 | 15.53105 | 432.4245 | 15.17828 | 442.6527 | 2.386215 | 1.256337 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 432.2437 | 2.511408 | 13.68686 | 159.1304 | 5.224521 | 4.880134 |
| Stddev | 2.5277   | .017112  | .10883   | .9116    | .010288  | .037101  |
| %RSD   | .5847835 | .6813836 | .7951726 | .5728507 | .1969186 | .7602367 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 433.9065 | 2.517093 | 13.56371 | 159.9887 | 5.230148 | 4.906742 |
| #2 | 429.3349 | 2.492177 | 13.72676 | 158.1736 | 5.230769 | 4.837753 |
| #3 | 433.4897 | 2.524955 | 13.77011 | 159.2290 | 5.212647 | 4.895905 |

Sample Name: CCV032      Acquired: 4/6/2017 20:27:47      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV032      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.018649 | 5.014402 | 4.976075 | 4.839724 | 5.056676 | 5.655095 |
| Stddev | .024367  | .026313  | .030807  | .013127  | .033821  | .023472  |
| %RSD   | .4855215 | .5247466 | .6190929 | .2712427 | .6688382 | .4150534 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 5.038633 | 5.005723 | 5.001978 | 4.839422 | 5.081719 | 5.679946 |
| #2 | 5.025810 | 5.043958 | 4.942009 | 4.852999 | 5.018203 | 5.652038 |
| #3 | 4.991504 | 4.993525 | 4.984239 | 4.826750 | 5.070106 | 5.633302 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 5.132053 |
| Stddev | .024167  |
| %RSD   | .4709106 |

|    |          |
|----|----------|
| #1 | 5.149220 |
| #2 | 5.104416 |
| #3 | 5.142523 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 974.7465 | 1746.017 | 31799.55 | 3543.979 | 2526.746 |
| Stddev    | 3.6593   | 10.863   | 67.15    | 21.323   | 8.910    |
| %RSD      | .3754111 | .6221383 | .2111591 | .6016639 | .3526132 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 978.9616 | 1734.808 | 31865.78 | 3527.080 | 2517.532 |
| #2 | 972.8942 | 1746.744 | 31801.35 | 3567.936 | 2527.389 |
| #3 | 972.3837 | 1756.497 | 31731.52 | 3536.920 | 2535.316 |

Sample Name: CCB032      Acquired: 4/6/2017 20:31:45      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB032      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0014832 | .0007801 | -.000820 | -.000940 | -.001099 | .0058919 | -.003276 |
| Stddev | .0015071 | .0013917 | .000217  | .002478  | .000368  | .0017698 | .000716  |
| %RSD   | 101.6138 | 178.4064 | 26.45802 | 263.6549 | 33.51908 | 30.03767 | 21.85906 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000027 | -.000325 | -.000599 | -.003316 | -.001162 | .0079026 | -.002883 |
| #2 | .002987  | .000323  | -.001032 | .001628  | -.001431 | .0052024 | -.004102 |
| #3 | .001490  | .002343  | -.000829 | -.001132 | -.000703 | .0045706 | -.002842 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000211 | .0000084 | .0014991 | -.000209 | .0002080 | .0033862 | .0145415 |
| Stddev | .0000289 | .0000862 | .0096138 | .000205  | .0001569 | .0015734 | .0040221 |
| %RSD   | 136.5287 | 1029.512 | 641.2965 | 98.15602 | 75.42435 | 46.46510 | 27.65929 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000008 | .0000402 | .0081981 | -.000019 | .0003484 | .0049741 | .0191855 |
| #2 | .000022  | -.000089 | .0058156 | -.000182 | .0002368 | .0018277 | .0121709 |
| #3 | .000049  | .000074  | -.009516 | -.000427 | .0000387 | .0033567 | .0122682 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000492 | .0254285 | .0002674 | .0002095 | -.065447 | -.000408 | .0001803 |
| Stddev | .000713  | .0135188 | .0002949 | .0000937 | .125248  | .004024  | .0033486 |
| %RSD   | 144.9765 | 53.16406 | 110.2912 | 44.71294 | 191.3734 | 986.9912 | 1856.987 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.001107 | .0404718 | .0000896 | .0002487 | -.185888 | .003087  | .0031885 |
| #2 | .000290  | .0215169 | .0001048 | .0001026 | .064111  | .000497  | -.003428 |
| #3 | -.000658 | .0142967 | .0006078 | .0002771 | -.074564 | -.004807 | .000780  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.123156 | -.000730 | .0009118 | .0000783 | -.000295 | -.003523 | .0004934 |
| Stddev | .025409  | .001132  | .0008776 | .0002635 | .001577  | .000625  | .0007634 |
| %RSD   | 20.63109 | 155.1100 | 96.24604 | 336.4215 | 535.2915 | 17.73333 | 154.7224 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.117105 | -.001359 | .0012618 | -.000039 | -.001291 | -.002862 | .0004697 |
| #2 | -.101320 | .000577  | .0015603 | .000380  | -.001116 | -.003603 | -.000258 |
| #3 | -.151044 | -.001407 | -.000087 | -.000106 | .001523  | -.004104 | .001268  |

Sample Name: CCB032      Acquired: 4/6/2017 20:31:45      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB032      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0004605 | -.000018 | .0000974 |
| Stddev | .0003805 | .000213  | .0000120 |
| %RSD   | 82.62591 | 1154.886 | 12.28033 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0000434 | -.000010 | .0000965 |
| #2 | .0007885 | .000190  | .0001099 |
| #3 | .0005496 | -.000235 | .0000860 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1292.911 | 2271.304 | 39968.95 | 4005.563 | 3941.972 |
| Stddev    | 6.816    | 80.002   | 152.83   | 48.510   | 138.877  |
| %RSD      | .5271654 | 3.522314 | .3823723 | 1.211076 | 3.523028 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1290.313 | 2322.810 | 39947.03 | 3981.280 | 4036.813 |
| #2 | 1300.643 | 2311.964 | 40131.55 | 3973.990 | 4006.537 |
| #3 | 1287.775 | 2179.137 | 39828.26 | 4061.420 | 3782.567 |

Sample Name: I2550-05      Acquired: 4/6/2017 20:35:56      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9YN6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0367162 | -.002961 | 2.812466 | -.004445 | .0006825 | 28.56769 | 1.664035 |
| Stddev | .0013379 | .003763  | .016757  | .000542  | .0014854 | .29297   | .019155  |
| %RSD   | 3.643922 | 127.1033 | .5957971 | 12.18487 | 217.6284 | 1.025513 | 1.151116 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0371464 | -.007288 | 2.794571 | -.005068 | -.000355 | 28.23632 | 1.642026 |
| #2 | .0377860 | -.001133 | 2.827785 | -.004182 | .000019  | 28.79232 | 1.673141 |
| #3 | .0352161 | -.000460 | 2.815043 | -.004085 | .002384  | 28.67444 | 1.676939 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0034881 | .0108430 | 41.66552 | .0696456 | .0596494 | .1096428 | 75.50849 |
| Stddev | .0000300 | .0000427 | .54152   | .0011376 | .0002007 | .0010378 | .65321   |
| %RSD   | .8609533 | .3933073 | 1.299693 | 1.633440 | .3364012 | .9464886 | .8650815 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0034923 | .0108709 | 41.04134 | .0709410 | .0594402 | .1084766 | 74.76155 |
| #2 | .0034562 | .0108641 | 41.94522 | .0688094 | .0596679 | .1099872 | 75.97277 |
| #3 | .0035158 | .0107939 | 42.01000 | .0691862 | .0598402 | .1104646 | 75.79114 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.242656 | 18.25868 | .0768864 | -.003183 | .3094430 | .1196340 | .8857211 |
| Stddev | .025370  | .19818   | .0008996 | .000396  | .1118840 | .0016847 | .0167950 |
| %RSD   | .4839058 | 1.085395 | 1.169969 | 12.44436 | 36.15658 | 1.408202 | 1.896191 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.216414 | 18.03761 | .0761721 | -.003613 | .2132375 | .1206144 | .8707069 |
| #2 | 5.267053 | 18.42042 | .0778967 | -.003105 | .4322211 | .1205989 | .9038584 |
| #3 | 5.244501 | 18.31800 | .0765905 | -.002832 | .2828704 | .1176887 | .8825982 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.941729 | 1.939029 | -.016602 | .0005963 | .9347185 | 2.939291 | .0065988 |
| Stddev | .010620  | .006477  | .001879  | .0002559 | .0053565 | .026488  | .0011655 |
| %RSD   | .3610155 | .3340224 | 11.31989 | 42.91041 | .5730559 | .9011795 | 17.66195 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.947485 | 1.935889 | -.016569 | .0008355 | .9298868 | 2.942186 | .0064604 |
| #2 | 2.929474 | 1.946478 | -.014740 | .0003265 | .9404784 | 2.964213 | .0055088 |
| #3 | 2.948229 | 1.934721 | -.018498 | .0006268 | .9337904 | 2.911474 | .0078274 |

Sample Name: I2550-05      Acquired: 4/6/2017 20:35:56      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9YN6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .4739303 | .0174902 | .0475980 |
| Stddev | .0019321 | .0002740 | .0005690 |
| %RSD   | .4076792 | 1.566300 | 1.195492 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .4717830 | .0177405 | .0469415 |
| #2 | .4755282 | .0171976 | .0479018 |
| #3 | .4744796 | .0175325 | .0479506 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1269.964 | 2220.202 | 39741.07 | 4237.905 | 3470.870 |
| Stddev    | 7.043    | 13.434   | 81.85    | 17.391   | 13.992   |
| %RSD      | .5545623 | .6050876 | .2059592 | .4103747 | .4031167 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1277.872 | 2223.592 | 39794.91 | 4249.650 | 3479.922 |
| #2 | 1267.652 | 2205.398 | 39646.88 | 4217.926 | 3454.755 |
| #3 | 1264.367 | 2231.617 | 39781.42 | 4246.140 | 3477.933 |

Sample Name: I2550-06      Acquired: 4/6/2017 20:40:00      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9YN7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0625257 | -.005854 | 6.892464 | -.007772 | .0030090 | 70.43273 | 5.139890 |
| Stddev | .0024435 | .001108  | .036702  | .004388  | .0013960 | .16798   | .017464  |
| %RSD   | 3.908007 | 18.92483 | .5324875 | 56.45684 | 46.39319 | .2384942 | .3397749 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0638823 | -.006986 | 6.894784 | -.005272 | .0030595 | 70.45133 | 5.148522 |
| #2 | .0597049 | -.004773 | 6.854658 | -.012839 | .0015885 | 70.59064 | 5.151357 |
| #3 | .0639900 | -.005802 | 6.927951 | -.005206 | .0043791 | 70.25623 | 5.119791 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0069196 | .0277369 | 134.8490 | .1035814 | .1379936 | .2422431 | 144.0941 |
| Stddev | .0000483 | .0001549 | .0959    | .0007053 | .0011678 | .0017033 | .4274    |
| %RSD   | .6982607 | .5583415 | .0710932 | .6809064 | .8462656 | .7031427 | .2966336 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0068823 | .0277646 | 134.8022 | .1035301 | .1379092 | .2439823 | 144.2234 |
| #2 | .0069022 | .0275700 | 134.9593 | .1043109 | .1368703 | .2421690 | 144.4420 |
| #3 | .0069742 | .0278760 | 134.7855 | .1029031 | .1392013 | .2405781 | 143.6170 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 12.21125 | 66.31418 | .1750621 | -.007205 | .9137411 | .2098625 | 1.967120 |
| Stddev | .02544   | .25793   | .0011542 | .000342  | .0541074 | .0024199 | .013657  |
| %RSD   | .2083251 | .3889500 | .6593145 | 4.741014 | 5.921526 | 1.153083 | .6942609 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 12.21932 | 66.24237 | .1747104 | -.007205 | .8724779 | .2095061 | 1.963334 |
| #2 | 12.23168 | 66.60040 | .1741246 | -.007546 | .8937448 | .2124409 | 1.982271 |
| #3 | 12.18276 | 66.09976 | .1763512 | -.006863 | .9750005 | .2076406 | 1.955756 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.875218 | 4.211049 | -.029536 | .0011414 | 2.658078 | 6.793437 | .0072060 |
| Stddev | .009233  | .020605  | .001303  | .0002804 | .020418  | .030691  | .0016998 |
| %RSD   | .1172360 | .4893144 | 4.413006 | 24.56371 | .7681435 | .4517736 | 23.58876 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.865892 | 4.203092 | -.030360 | .0010483 | 2.657942 | 6.765543 | .0057157 |
| #2 | 7.884354 | 4.195610 | -.030216 | .0014565 | 2.637728 | 6.826315 | .0090574 |
| #3 | 7.875408 | 4.234447 | -.028034 | .0009194 | 2.678563 | 6.788454 | .0068450 |

Sample Name: I2550-06      Acquired: 4/6/2017 20:40:00      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9YN7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .6833520 | .0483001 | .1262070 |
| Stddev | .0021088 | .0002205 | .0004736 |
| %RSD   | .3085930 | .4564349 | .3752434 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .6852934 | .0485284 | .1264519 |
| #2 | .6836542 | .0482835 | .1265080 |
| #3 | .6811085 | .0480884 | .1256611 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1290.326 | 2277.251 | 40712.06 | 4332.854 | 3181.771 |
| Stddev    | 15.865   | 10.562   | 372.41   | 19.130   | 18.496   |
| %RSD      | 1.229571 | .4638138 | .9147312 | .4415212 | .5813169 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1284.160 | 2285.362 | 40548.58 | 4311.426 | 3185.404 |
| #2 | 1278.469 | 2281.083 | 40449.35 | 4338.920 | 3198.180 |
| #3 | 1308.349 | 2265.307 | 41138.24 | 4348.216 | 3161.727 |

Sample Name: I2550-07      Acquired: 4/6/2017 20:44:01      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9YN8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0611010 | -.006017 | 7.226822 | -.010506 | .0027497 | 70.42415 | 4.849229 |
| Stddev | .0022794 | .002860  | .041611  | .001067  | .0022131 | .38020   | .018765  |
| %RSD   | 3.730604 | 47.53750 | .5757877 | 10.15159 | 80.48638 | .5398681 | .3869708 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0591707 | -.006663 | 7.185164 | -.009639 | .0019050 | 70.49968 | 4.848701 |
| #2 | .0636158 | -.002889 | 7.226915 | -.010183 | .0052608 | 70.01186 | 4.830734 |
| #3 | .0605166 | -.008500 | 7.268386 | -.011697 | .0010834 | 70.76091 | 4.868253 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0069079 | .0292645 | 104.8990 | .0965036 | .1352203 | .2608821 | 141.3942 |
| Stddev | .0001545 | .0001312 | 1.3126   | .0002790 | .0004823 | .0004837 | 1.2386   |
| %RSD   | 2.236171 | .4483722 | 1.251338 | .2890973 | .3566620 | .1853928 | .8759704 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0070753 | .0291205 | 105.7528 | .0964644 | .1346641 | .2606471 | 142.4231 |
| #2 | .0067709 | .0293773 | 103.3875 | .0962463 | .1355221 | .2614384 | 140.0195 |
| #3 | .0068775 | .0292957 | 105.5566 | .0968001 | .1354749 | .2605609 | 141.7400 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.75042 | 50.28796 | .1651198 | -.006141 | .7232954 | .2092612 | 2.084962 |
| Stddev | .10331   | .36874   | .0008066 | .000060  | .1229718 | .0030426 | .017055  |
| %RSD   | .9609771 | .7332625 | .4884963 | .9762190 | 17.00160 | 1.453961 | .8179792 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 10.81511 | 50.51575 | .1642706 | -.006090 | .8570132 | .2127604 | 2.102479 |
| #2 | 10.63128 | 49.86253 | .1652129 | -.006125 | .6978096 | .2072401 | 2.068411 |
| #3 | 10.80488 | 50.48561 | .1658757 | -.006207 | .6150635 | .2077830 | 2.083996 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.802714 | 3.759411 | -.026268 | .0013004 | 2.504069 | 4.361908 | .0076210 |
| Stddev | .026154  | .027863  | .000922  | .0001762 | .008463  | .049072  | .0011621 |
| %RSD   | .3844687 | .7411650 | 3.510864 | 13.55163 | .3379525 | 1.125023 | 15.24880 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.774923 | 3.730218 | -.025522 | .0013047 | 2.494481 | 4.414904 | .0063544 |
| #2 | 6.806372 | 3.762293 | -.025982 | .0014744 | 2.507231 | 4.318040 | .0078705 |
| #3 | 6.826847 | 3.785721 | -.027299 | .0011220 | 2.510496 | 4.352781 | .0086382 |

Sample Name: I2550-07      Acquired: 4/6/2017 20:44:01      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9YN8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .6421830 | .0475712 | .1057717 |
| Stddev | .0038560 | .0009103 | .0003783 |
| %RSD   | .6004566 | 1.913553 | .3576757 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .6438863 | .0467855 | .1058469 |
| #2 | .6377686 | .0473593 | .1053614 |
| #3 | .6448940 | .0485687 | .1061067 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1296.912 | 2293.590 | 40843.64 | 4363.463 | 3230.385 |
| Stddev    | 9.895    | 10.357   | 310.13   | 44.979   | 14.820   |
| %RSD      | .7630018 | .4515610 | .7593028 | 1.030812 | .4587696 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1287.573 | 2297.299 | 40647.29 | 4324.355 | 3241.509 |
| #2 | 1307.283 | 2301.582 | 41201.17 | 4412.615 | 3236.086 |
| #3 | 1295.880 | 2281.889 | 40682.47 | 4353.418 | 3213.562 |

Sample Name: I2550-08      Acquired: 4/6/2017 20:48:02      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9YN9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0523795 | -.005679 | 5.571896 | -.007293 | .0010950 | 51.53715 | 3.496081 |
| Stddev | .0028671 | .002587  | .183302  | .000734  | .0005650 | 1.07596  | .072102  |
| %RSD   | 5.473630 | 45.55451 | 3.289768 | 10.06939 | 51.59748 | 2.087735 | 2.062357 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0491590 | -.007313 | 5.369019 | -.006466 | .0005415 | 50.71127 | 3.443721 |
| #2 | .0533256 | -.002696 | 5.621083 | -.007544 | .0010728 | 51.14628 | 3.466203 |
| #3 | .0546540 | -.007027 | 5.725587 | -.007868 | .0016708 | 52.75391 | 3.578319 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0057095 | .0232482 | 75.84346 | .0934418 | .1008573 | .2238740 | 113.3554 |
| Stddev | .0000906 | .0009273 | 1.39003  | .0051909 | .0039266 | .0040229 | 2.1049   |
| %RSD   | 1.586794 | 3.988666 | 1.832768 | 5.555182 | 3.893221 | 1.796967 | 1.856922 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0057033 | .0222554 | 74.68271 | .0889037 | .0964708 | .2223615 | 111.4540 |
| #2 | .0056221 | .0233974 | 75.46379 | .0923198 | .1020572 | .2208265 | 112.9949 |
| #3 | .0058030 | .0240919 | 77.38389 | .0991019 | .1040440 | .2284340 | 115.6172 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.030355 | 37.10841 | .1342521 | -.005448 | .5408368 | .1699189 | 1.699908 |
| Stddev | .164757  | .63558   | .0051335 | .000512  | .0884280 | .0036057 | .075501  |
| %RSD   | 2.051676 | 1.712759 | 3.823755 | 9.392288 | 16.35021 | 2.122010 | 4.441475 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.901890 | 36.59443 | .1288853 | -.004882 | .5392693 | .1688087 | 1.633084 |
| #2 | 7.973066 | 36.91172 | .1347560 | -.005582 | .6300381 | .1669988 | 1.684828 |
| #3 | 8.216109 | 37.81908 | .1391151 | -.005878 | .4532031 | .1739491 | 1.781810 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.101204 | 3.031851 | -.020827 | .0009423 | 1.995254 | 5.384035 | .0096161 |
| Stddev | .081865  | .114786  | .000254  | .0001363 | .071909  | .139328  | .0006174 |
| %RSD   | 1.604825 | 3.786012 | 1.217295 | 14.46021 | 3.604007 | 2.587804 | 6.420861 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.035172 | 2.903004 | -.021113 | .0007952 | 1.917796 | 5.337884 | .0095174 |
| #2 | 5.075639 | 3.069351 | -.020629 | .0009675 | 2.008079 | 5.273637 | .0090539 |
| #3 | 5.192802 | 3.123196 | -.020740 | .0010643 | 2.059888 | 5.540583 | .0102769 |

Sample Name: I2550-08      Acquired: 4/6/2017 20:48:02      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9YN9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .6024619 | .0336922 | .0787506 |
| Stddev | .0167485 | .0012721 | .0014056 |
| %RSD   | 2.780002 | 3.775597 | 1.784866 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .5927044 | .0327362 | .0774981 |
| #2 | .5928802 | .0332044 | .0784829 |
| #3 | .6218011 | .0351360 | .0802708 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1263.357 | 2308.063 | 39718.89 | 4367.724 | 3374.349 |
| Stddev    | 56.567   | 55.733   | 1711.20  | 56.837   | 100.154  |
| %RSD      | 4.477483 | 2.414729 | 4.308276 | 1.301298 | 2.968084 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1303.490 | 2367.664 | 41063.59 | 4403.123 | 3483.077 |
| #2 | 1287.921 | 2299.285 | 40300.35 | 4397.886 | 3354.110 |
| #3 | 1198.661 | 2257.239 | 37792.73 | 4302.164 | 3285.861 |

Sample Name: I2550-09      Acquired: 4/6/2017 20:52:05      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9YP0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0575502 | -.004166 | 7.295367 | -.008241 | .0033753 | 64.37569 | 5.319622 |
| Stddev | .0034843 | .003044  | .063697  | .001318  | .0013713 | .21788   | .021770  |
| %RSD   | 6.054322 | 73.07283 | .8731186 | 15.99034 | 40.62758 | .3384543 | .4092432 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0567014 | -.006288 | 7.296869 | -.007262 | .0044270 | 64.41199 | 5.320962 |
| #2 | .0613805 | -.000678 | 7.358299 | -.007722 | .0038747 | 64.57314 | 5.340692 |
| #3 | .0545688 | -.005530 | 7.230931 | -.009739 | .0018243 | 64.14194 | 5.297213 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0068321 | .0288253 | 109.2094 | .0902555 | .1311332 | .2649589 | 137.7572 |
| Stddev | .0001291 | .0001526 | .8883    | .0015812 | .0012131 | .0033998 | .6878    |
| %RSD   | 1.890062 | .5294272 | .8134050 | 1.751912 | .9250988 | 1.283125 | .4992664 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0067297 | .0288611 | 108.4642 | .0884299 | .1310436 | .2632157 | 137.6747 |
| #2 | .0069771 | .0289568 | 110.1924 | .0911456 | .1323887 | .2688766 | 138.4826 |
| #3 | .0067894 | .0286579 | 108.9716 | .0911910 | .1299674 | .2627842 | 137.1145 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.99946 | 56.69032 | .1605316 | -.006353 | .6679706 | .1967689 | 2.078402 |
| Stddev | .07219   | .22087   | .0016002 | .000112  | .0332901 | .0052747 | .042237  |
| %RSD   | .6562977 | .3896085 | .9968458 | 1.769504 | 4.983773 | 2.680668 | 2.032200 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 10.99485 | 56.61574 | .1606751 | -.006480 | .6576634 | .1913660 | 2.107957 |
| #2 | 11.07384 | 56.93882 | .1620553 | -.006309 | .7051953 | .2019054 | 2.097224 |
| #3 | 10.92969 | 56.51639 | .1588645 | -.006268 | .6410531 | .1970351 | 2.030026 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.531229 | 3.656526 | -.029546 | .0006473 | 2.677531 | 6.326458 | .0076910 |
| Stddev | .004010  | .027142  | .000737  | .0000718 | .026645  | .002749  | .0004891 |
| %RSD   | .0613965 | .7422989 | 2.493103 | 11.09315 | .9951196 | .0434510 | 6.359214 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.528549 | 3.650852 | -.030275 | .0005787 | 2.678174 | 6.324805 | .0082489 |
| #2 | 6.535839 | 3.686057 | -.029561 | .0006414 | 2.703849 | 6.329631 | .0074877 |
| #3 | 6.529299 | 3.632670 | -.028802 | .0007219 | 2.650571 | 6.324938 | .0073363 |

Sample Name: I2550-09      Acquired: 4/6/2017 20:52:05      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9YP0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .6063042 | .0430544 | .1080723 |
| Stddev | .0009937 | .0003504 | .0003679 |
| %RSD   | .1638981 | .8137751 | .3403811 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .6061250 | .0434439 | .1077918 |
| #2 | .6054122 | .0429544 | .1084888 |
| #3 | .6073753 | .0427649 | .1079362 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1297.602 | 2345.282 | 40774.72 | 4317.054 | 3310.500 |
| Stddev    | 13.056   | 16.457   | 92.86    | 29.232   | 24.839   |
| %RSD      | 1.006132 | .7017270 | .2277374 | .6771323 | .7503034 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1288.191 | 2340.405 | 40748.32 | 4332.430 | 3308.959 |
| #2 | 1292.108 | 2331.815 | 40697.91 | 4283.343 | 3286.468 |
| #3 | 1312.507 | 2363.627 | 40877.91 | 4335.390 | 3336.074 |

Sample Name: I2550-10      Acquired: 4/6/2017 20:56:08      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9YP1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0645859 | -.006892 | 6.915622 | -.007487 | .0034645 | 82.07230 | 4.387249 |
| Stddev | .0021545 | .003772  | .047718  | .000705  | .0014244 | 1.04827  | .053239  |
| %RSD   | 3.335934 | 54.72637 | .6899991 | 9.413640 | 41.11430 | 1.277250 | 1.213499 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0621052 | -.010085 | 6.938325 | -.008232 | .0023278 | 82.08418 | 4.397126 |
| #2 | .0656624 | -.007859 | 6.860792 | -.006830 | .0050623 | 83.11457 | 4.434858 |
| #3 | .0659899 | -.002731 | 6.947750 | -.007399 | .0030032 | 81.01814 | 4.329763 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0079646 | .0316540 | 132.1994 | .1077833 | .1435122 | .2847259 | 154.6520 |
| Stddev | .0000575 | .0002937 | 1.7848   | .0018392 | .0005254 | .0048670 | 2.0361   |
| %RSD   | .7225106 | .9278533 | 1.350083 | 1.706398 | .3660728 | 1.709353 | 1.316572 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0079177 | .0318075 | 131.6285 | .1059225 | .1441178 | .2846684 | 154.1039 |
| #2 | .0079472 | .0313154 | 134.1999 | .1078273 | .1431790 | .2896214 | 156.9061 |
| #3 | .0080288 | .0318392 | 130.7700 | .1096001 | .1432398 | .2798880 | 152.9461 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 11.62738 | 54.23083 | .1926361 | -.007567 | .9524416 | .2343332 | 2.098166 |
| Stddev | .16394   | .77172   | .0013061 | .000346  | .0740658 | .0009671 | .030283  |
| %RSD   | 1.409955 | 1.423035 | .6779964 | 4.570353 | 7.776416 | .4126834 | 1.443325 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 11.55682 | 54.19879 | .1923944 | -.007667 | .8673684 | .2332355 | 2.070093 |
| #2 | 11.81479 | 55.01807 | .1914678 | -.007182 | 1.002572 | .2350597 | 2.094146 |
| #3 | 11.51054 | 53.47562 | .1940461 | -.007852 | .987385  | .2347043 | 2.130259 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.556785 | 5.834478 | -.031425 | .0009552 | 3.423017 | 5.408501 | .0091263 |
| Stddev | .148061  | .037133  | .002367  | .0005291 | .021208  | .075344  | .0008768 |
| %RSD   | 1.730335 | .6364469 | 7.532140 | 55.39447 | .6195765 | 1.393067 | 9.607457 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 8.588069 | 5.864210 | -.030214 | .0015517 | 3.442458 | 5.378926 | .0081314 |
| #2 | 8.686704 | 5.792856 | -.034152 | .0005424 | 3.400400 | 5.494145 | .0094612 |
| #3 | 8.395582 | 5.846369 | -.029908 | .0007716 | 3.426194 | 5.352431 | .0097863 |

Sample Name: I2550-10      Acquired: 4/6/2017 20:56:08      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9YP1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .7112777 | .0551788 | .1355272 |
| Stddev | .0106804 | .0013166 | .0016289 |
| %RSD   | 1.501587 | 2.386081 | 1.201883 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .7147623 | .0557765 | .1358431 |
| #2 | .7197807 | .0560904 | .1369751 |
| #3 | .6992902 | .0536693 | .1337636 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1337.915 | 2373.229 | 42168.86 | 4543.508 | 3211.452 |
| Stddev    | 5.169    | 7.822    | 234.58   | 60.129   | 13.408   |
| %RSD      | .3863803 | .3295948 | .5562787 | 1.323414 | .4175136 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1338.404 | 2370.807 | 42397.94 | 4553.699 | 3202.314 |
| #2 | 1342.822 | 2381.976 | 42179.50 | 4478.934 | 3226.845 |
| #3 | 1332.518 | 2366.904 | 41929.15 | 4597.890 | 3205.198 |

Sample Name: I2550-11      Acquired: 4/6/2017 21:00:09      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9YP2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0644358 | -.006036 | 6.571837 | -.007570 | .0026015 | 66.78019 | 3.809123 |
| Stddev | .0015589 | .001964  | .015735  | .001911  | .0015057 | 1.17283  | .065628  |
| %RSD   | 2.419276 | 32.53221 | .2394326 | 25.24804 | 57.87740 | 1.756247 | 1.722928 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0636606 | -.005699 | 6.553667 | -.006015 | .0012419 | 66.75431 | 3.819360 |
| #2 | .0634164 | -.008146 | 6.580917 | -.006991 | .0042198 | 65.62052 | 3.738977 |
| #3 | .0662303 | -.004262 | 6.580926 | -.009703 | .0023429 | 67.96574 | 3.869031 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0071711 | .0295177 | 107.1617 | .1031859 | .1327842 | .2760941 | 140.5710 |
| Stddev | .0003082 | .0000646 | 1.8057   | .0021508 | .0004309 | .0039384 | 2.1903   |
| %RSD   | 4.298459 | .2188230 | 1.684998 | 2.084433 | .3245437 | 1.426470 | 1.558144 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0068827 | .0294550 | 106.5262 | .1007053 | .1322896 | .2748776 | 139.6719 |
| #2 | .0071345 | .0295141 | 105.7597 | .1043211 | .1330784 | .2729076 | 138.9733 |
| #3 | .0074960 | .0295840 | 109.1992 | .1045313 | .1329846 | .2804973 | 143.0677 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 11.39556 | 44.17987 | .1775500 | -.006588 | .8089135 | .2120025 | 1.891221 |
| Stddev | .17759   | .74072   | .0003699 | .000352  | .1033681 | .0046784 | .022196  |
| %RSD   | 1.558432 | 1.676602 | .2083215 | 5.341592 | 12.77864 | 2.206770 | 1.173649 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 11.30749 | 43.95162 | .1773728 | -.006854 | .8453919 | .2097218 | 1.882698 |
| #2 | 11.27921 | 43.58014 | .1779751 | -.006189 | .6922519 | .2089018 | 1.874549 |
| #3 | 11.59998 | 45.00785 | .1773020 | -.006721 | .8890965 | .2173838 | 1.916415 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.124111 | 4.695883 | -.026994 | .0012814 | 3.177052 | 6.521922 | .0089755 |
| Stddev | .133334  | .016129  | .000197  | .0002049 | .013024  | .063725  | .0008206 |
| %RSD   | 1.871582 | .3434671 | .7316105 | 15.98757 | .4099283 | .9770840 | 9.142301 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.131712 | 4.689422 | -.027180 | .0014527 | 3.166165 | 6.591135 | .0098668 |
| #2 | 6.987139 | 4.683985 | -.026786 | .0013370 | 3.191480 | 6.465682 | .0088082 |
| #3 | 7.253481 | 4.714240 | -.027015 | .0010545 | 3.173510 | 6.508950 | .0082515 |

Sample Name: I2550-11      Acquired: 4/6/2017 21:00:09      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9YP2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .6890737 | .0439219 | .1118149 |
| Stddev | .0133344 | .0008893 | .0017147 |
| %RSD   | 1.935120 | 2.024815 | 1.533531 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .6872793 | .0438999 | .1120013 |
| #2 | .6767274 | .0430437 | .1100146 |
| #3 | .7032145 | .0448220 | .1134288 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1322.598 | 2330.880 | 41740.56 | 4497.656 | 3249.241 |
| Stddev    | 17.064   | 9.729    | 448.09   | 60.722   | 5.924    |
| %RSD      | 1.290164 | .4174095 | 1.073514 | 1.350081 | .1823326 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1342.287 | 2335.366 | 42257.76 | 4522.650 | 3254.555 |
| #2 | 1313.392 | 2337.558 | 41469.36 | 4541.892 | 3250.315 |
| #3 | 1312.114 | 2319.717 | 41494.55 | 4428.426 | 3242.853 |

Sample Name: I2550-12      Acquired: 4/6/2017 21:04:11      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9YP3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0601544 | -.002964 | 6.529953 | -.009599 | .0020775 | 69.11986 | 4.553612 |
| Stddev | .0012816 | .001326  | .014706  | .001300  | .0002313 | .38016   | .026618  |
| %RSD   | 2.130456 | 44.74411 | .2252133 | 13.54377 | 11.13365 | .5500070 | .5845485 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0614765 | -.003932 | 6.526646 | -.008757 | .0021706 | 68.74292 | 4.528829 |
| #2 | .0600690 | -.001453 | 6.517181 | -.011096 | .0022477 | 69.11348 | 4.550260 |
| #3 | .0589177 | -.003509 | 6.546030 | -.008943 | .0018142 | 69.50317 | 4.581748 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0071457 | .0281867 | 132.4974 | .0918192 | .1357399 | .2462083 | 143.7670 |
| Stddev | .0001208 | .0000748 | .9877    | .0012742 | .0010399 | .0031541 | .5366    |
| %RSD   | 1.690653 | .2654350 | .7454168 | 1.387749 | .7660869 | 1.281056 | .3732440 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0072211 | .0282467 | 131.9528 | .0931546 | .1350253 | .2429101 | 143.2688 |
| #2 | .0072096 | .0282105 | 131.9019 | .0916865 | .1352616 | .2491952 | 143.6971 |
| #3 | .0070063 | .0281028 | 133.6375 | .0906165 | .1369329 | .2465196 | 144.3352 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 12.34580 | 59.89431 | .1667945 | -.006862 | .8148749 | .2058444 | 2.006006 |
| Stddev | .09522   | .41361   | .0007418 | .000505  | .0811460 | .0029672 | .016636  |
| %RSD   | .7712795 | .6905616 | .4447367 | 7.359106 | 9.958095 | 1.441456 | .8292902 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 12.26998 | 59.62637 | .1667849 | -.006735 | .7488573 | .2024520 | 1.987564 |
| #2 | 12.31475 | 59.68590 | .1660576 | -.007419 | .9054678 | .2079561 | 2.019882 |
| #3 | 12.45267 | 60.37067 | .1675411 | -.006433 | .7902996 | .2071251 | 2.010573 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.592763 | 4.567258 | -.035376 | .0009807 | 2.895482 | 6.810169 | .0066291 |
| Stddev | .078157  | .012270  | .002695  | .0003303 | .010231  | .049902  | .0004462 |
| %RSD   | 1.029363 | .2686551 | 7.618723 | 33.68555 | .3533352 | .7327602 | 6.730931 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.508159 | 4.553110 | -.032344 | .0006089 | 2.884731 | 6.777135 | .0064071 |
| #2 | 7.607861 | 4.574983 | -.036284 | .0010926 | 2.896618 | 6.867573 | .0063374 |
| #3 | 7.662270 | 4.573682 | -.037500 | .0012406 | 2.905098 | 6.785798 | .0071427 |

Sample Name: I2550-12      Acquired: 4/6/2017 21:04:11      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MG9YP3      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .6507008 | .0462522 | .1261159 |
| Stddev | .0048396 | .0000199 | .0006565 |
| %RSD   | .7437474 | .0430963 | .5205151 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .6475590 | .0462553 | .1254109 |
| #2 | .6482694 | .0462704 | .1262271 |
| #3 | .6562740 | .0462309 | .1267096 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1302.173 | 2330.108 | 41023.93 | 4383.837 | 3241.071 |
| Stddev    | 10.665   | 4.493    | 250.80   | 20.396   | 7.327    |
| %RSD      | .8189955 | .1928032 | .6113451 | .4652488 | .2260535 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1298.381 | 2334.459 | 40838.38 | 4402.970 | 3246.989 |
| #2 | 1293.922 | 2330.380 | 40924.14 | 4386.163 | 3243.347 |
| #3 | 1314.215 | 2325.486 | 41309.26 | 4362.378 | 3232.876 |

Sample Name: I2550-13      Acquired: 4/6/2017 21:08:12      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9YP4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0616080 | -.005139 | 6.811100 | -.011386 | .0036337 | 76.35072 | 4.860051 |
| Stddev | .0040757 | .001553  | .051014  | .001206  | .0004469 | .38022   | .020306  |
| %RSD   | 6.615602 | 30.23065 | .7489762 | 10.59529 | 12.29970 | .4979868 | .4178130 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0630344 | -.004864 | 6.869707 | -.010128 | .0040808 | 76.20317 | 4.854782 |
| #2 | .0570108 | -.003741 | 6.786926 | -.011496 | .0036332 | 76.78259 | 4.882472 |
| #3 | .0647789 | -.006811 | 6.776667 | -.012533 | .0031870 | 76.06639 | 4.842899 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0074602 | .0295828 | 138.1989 | .0968635 | .1433362 | .2627339 | 151.8939 |
| Stddev | .0000793 | .0003294 | .5072    | .0009488 | .0011198 | .0029456 | .7004    |
| %RSD   | 1.063013 | 1.113605 | .3669740 | .9794726 | .7812168 | 1.121139 | .4611335 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0073687 | .0299620 | 138.0520 | .0971029 | .1446273 | .2656459 | 151.3909 |
| #2 | .0075079 | .0294193 | 138.7632 | .0976696 | .1427517 | .2628000 | 152.6939 |
| #3 | .0075041 | .0293670 | 137.7813 | .0958180 | .1426296 | .2597557 | 151.5969 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 12.89916 | 62.75278 | .1767752 | -.007128 | .7857234 | .2161062 | 2.071603 |
| Stddev | .07443   | .32665   | .0012508 | .000199  | .0144432 | .0023774 | .021524  |
| %RSD   | .5770312 | .5205322 | .7075827 | 2.785023 | 1.838207 | 1.100088 | 1.039011 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 12.83250 | 62.55177 | .1780304 | -.007225 | .7825198 | .2154522 | 2.092570 |
| #2 | 12.97947 | 63.12968 | .1767665 | -.007259 | .7731509 | .2187421 | 2.049562 |
| #3 | 12.88550 | 62.57689 | .1755288 | -.006899 | .8014994 | .2141242 | 2.072676 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.485966 | 4.800006 | -.032421 | .0008553 | 3.041852 | 9.153831 | .0067645 |
| Stddev | .090755  | .040859  | .001942  | .0002547 | .037140  | .157666  | .0004081 |
| %RSD   | 1.069467 | .8512190 | 5.990388 | 29.77346 | 1.220963 | 1.722403 | 6.032812 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 8.482443 | 4.845129 | -.034636 | .0010060 | 3.083259 | 9.048023 | .0072297 |
| #2 | 8.578430 | 4.789375 | -.031617 | .0009988 | 3.030818 | 9.335039 | .0065973 |
| #3 | 8.397024 | 4.765513 | -.031010 | .0005613 | 3.011480 | 9.078430 | .0064666 |

Sample Name: I2550-13      Acquired: 4/6/2017 21:08:12      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9YP4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .7486202 | .0524483 | .1347689 |
| Stddev | .0019885 | .0011179 | .0008018 |
| %RSD   | .2656244 | 2.131427 | .5949394 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .7465064 | .0521849 | .1345848 |
| #2 | .7504536 | .0536744 | .1356467 |
| #3 | .7489006 | .0514856 | .1340751 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1302.542 | 2319.476 | 41050.68 | 4365.156 | 3196.736 |
| Stddev    | 8.415    | 11.763   | 235.18   | 24.228   | 22.448   |
| %RSD      | .6460278 | .5071338 | .5729082 | .5550216 | .7022214 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1302.888 | 2306.724 | 41230.64 | 4370.445 | 3171.968 |
| #2 | 1310.778 | 2321.802 | 41136.83 | 4338.721 | 3202.499 |
| #3 | 1293.960 | 2329.903 | 40784.57 | 4386.302 | 3215.741 |

Sample Name: I2550-17      Acquired: 4/6/2017 21:12:15      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9YP6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0503977 | -.002840 | 4.442615 | -.006294 | .0009397 | 47.30340 | 2.874247 |
| Stddev | .0026509 | .001710  | .011798  | .003758  | .0008670 | .23121   | .008056  |
| %RSD   | 5.259913 | 60.20754 | .2655668 | 59.69608 | 92.25804 | .4887796 | .2802875 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0477191 | -.000906 | 4.432428 | -.006859 | .0011936 | 47.06092 | 2.867572 |
| #2 | .0504539 | -.003460 | 4.455542 | -.009737 | .0016515 | 47.32791 | 2.871973 |
| #3 | .0530200 | -.004152 | 4.439876 | -.002286 | -.000026 | 47.52139 | 2.883196 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0055277 | .0177740 | 57.19560 | .0862348 | .0893273 | .1974711 | 109.5533 |
| Stddev | .0000908 | .0001068 | .49522   | .0003107 | .0002511 | .0023312 | .8926    |
| %RSD   | 1.642131 | .6008441 | .8658429 | .3603203 | .2810545 | 1.180505 | .8147703 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0056246 | .0178127 | 56.63428 | .0859497 | .0890820 | .1998063 | 108.5307 |
| #2 | .0055138 | .0178561 | 57.38168 | .0865660 | .0893161 | .1974631 | 109.9532 |
| #3 | .0054446 | .0176533 | 57.57083 | .0861887 | .0895838 | .1951440 | 110.1761 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.662466 | 28.24944 | .1231269 | -.005010 | .5117772 | .1659153 | 1.308638 |
| Stddev | .065753  | .21985   | .0004769 | .000178  | .0417940 | .0049833 | .031869  |
| %RSD   | .8581118 | .7782488 | .3873567 | 3.545653 | 8.166444 | 3.003523 | 2.435252 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.586620 | 27.99630 | .1226028 | -.005199 | .4648510 | .1612501 | 1.302480 |
| #2 | 7.703380 | 28.35949 | .1232425 | -.004984 | .5254840 | .1653309 | 1.280298 |
| #3 | 7.697399 | 28.39254 | .1235354 | -.004846 | .5449966 | .1711651 | 1.343136 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.630066 | 2.632377 | -.025149 | .0007127 | 1.586031 | 5.093275 | .0060016 |
| Stddev | .041993  | .009960  | .001365  | .0001327 | .008737  | .046666  | .0004315 |
| %RSD   | .9069537 | .3783585 | 5.426504 | 18.62142 | .5508565 | .9162183 | 7.190074 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.658024 | 2.622263 | -.026474 | .0008293 | 1.584387 | 5.043546 | .0060820 |
| #2 | 4.650396 | 2.632694 | -.025224 | .0005683 | 1.578233 | 5.136110 | .0055356 |
| #3 | 4.581778 | 2.642175 | -.023748 | .0007405 | 1.595473 | 5.100168 | .0063874 |

Sample Name: I2550-17      Acquired: 4/6/2017 21:12:15      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9YP6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5782257 | .0300692 | .0655747 |
| Stddev | .0061135 | .0004316 | .0001800 |
| %RSD   | 1.057278 | 1.435471 | .2745025 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .5756870 | .0301641 | .0653721 |
| #2 | .5737905 | .0304455 | .0657161 |
| #3 | .5851994 | .0295981 | .0656360 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1302.014 | 2301.248 | 40735.42 | 4275.664 | 3400.126 |
| Stddev    | 6.569    | 8.198    | 172.66   | 33.275   | 12.296   |
| %RSD      | .5045526 | .3562476 | .4238543 | .7782533 | .3616238 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1309.433 | 2309.296 | 40751.56 | 4312.660 | 3411.004 |
| #2 | 1299.672 | 2301.540 | 40555.25 | 4248.181 | 3402.590 |
| #3 | 1296.935 | 2292.908 | 40899.44 | 4266.151 | 3386.785 |

Sample Name: I2550-18      Acquired: 4/6/2017 21:16:21      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9YP7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0645549 | -.005206 | 6.868732 | -.012724 | .0042028 | 75.06890 | 4.967630 |
| Stddev | .0022988 | .001297  | .038446  | .003406  | .0005575 | .78605   | .054218  |
| %RSD   | 3.560947 | 24.91756 | .5597244 | 26.76663 | 13.26375 | 1.047102 | 1.091433 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0620885 | -.006667 | 6.833754 | -.013316 | .0046051 | 75.23243 | 4.983108 |
| #2 | .0666378 | -.004190 | 6.862547 | -.009061 | .0044369 | 75.76032 | 5.012426 |
| #3 | .0649383 | -.004761 | 6.909895 | -.015794 | .0035665 | 74.21395 | 4.907356 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0074187 | .0279649 | 99.84437 | .0998016 | .1410604 | .2555943 | 147.9225 |
| Stddev | .0000834 | .0002652 | 1.42966  | .0003959 | .0010228 | .0013827 | 1.9619   |
| %RSD   | 1.124824 | .9484878 | 1.431892 | .3966738 | .7251004 | .5409823 | 1.326323 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0073254 | .0276839 | 100.2634 | .0996951 | .1400191 | .2545304 | 148.2681 |
| #2 | .0074445 | .0279998 | 101.0177 | .1002399 | .1410984 | .2571573 | 149.6887 |
| #3 | .0074862 | .0282110 | 98.2520  | .0994699 | .1420637 | .2550954 | 145.8108 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 11.87462 | 52.45315 | .1802645 | -.007412 | .8206812 | .2165947 | 1.955049 |
| Stddev | .13029   | .64932   | .0008796 | .000417  | .0641134 | .0019914 | .007757  |
| %RSD   | 1.097243 | 1.237897 | .4879251 | 5.628106 | 7.812212 | .9194114 | .3967428 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 11.89896 | 52.67669 | .1793713 | -.007326 | .7954273 | .2184648 | 1.962670 |
| #2 | 11.99103 | 52.96118 | .1811297 | -.007044 | .8935759 | .2168184 | 1.955314 |
| #3 | 11.73388 | 51.72160 | .1802924 | -.007865 | .7730404 | .2145009 | 1.947163 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.535192 | 3.838863 | -.032957 | .0008356 | 2.457133 | 7.586736 | .0086384 |
| Stddev | .076400  | .020571  | .003219  | .0002602 | .025291  | .114077  | .0012029 |
| %RSD   | 1.013908 | .5358672 | 9.767015 | 31.13585 | 1.029292 | 1.503638 | 13.92509 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.527337 | 3.820098 | -.031944 | .0008448 | 2.432418 | 7.663214 | .0099226 |
| #2 | 7.615215 | 3.835633 | -.030367 | .0010909 | 2.456016 | 7.641379 | .0084548 |
| #3 | 7.463023 | 3.860858 | -.036561 | .0005709 | 2.482963 | 7.455616 | .0075379 |

Sample Name: I2550-18      Acquired: 4/6/2017 21:16:21      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MG9YP7      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .6657812 | .0508299 | .1086293 |
| Stddev | .0070865 | .0008314 | .0012449 |
| %RSD   | 1.064388 | 1.635562 | 1.145987 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .6639688 | .0509577 | .1090668 |
| #2 | .6735979 | .0515900 | .1095964 |
| #3 | .6597769 | .0499421 | .1072247 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1324.961 | 2339.554 | 41661.86 | 4491.117 | 3243.329 |
| Stddev    | 7.221    | 7.736    | 118.15   | 56.992   | 13.963   |
| %RSD      | .5449884 | .3306603 | .2836021 | 1.268991 | .4304998 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1333.124 | 2345.673 | 41635.76 | 4480.135 | 3254.732 |
| #2 | 1322.349 | 2342.131 | 41558.94 | 4440.415 | 3247.499 |
| #3 | 1319.410 | 2330.859 | 41790.89 | 4552.801 | 3227.757 |

Sample Name: I2550-19      Acquired: 4/6/2017 21:20:25      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9YP8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0441997 | -.005092 | 4.697593 | -.006651 | .0015632 | 39.09416 | 2.769588 |
| Stddev | .0031470 | .001488  | .018731  | .001952  | .0011331 | .08119   | .004719  |
| %RSD   | 7.120061 | 29.21508 | .3987350 | 29.35571 | 72.48612 | .2076749 | .1703970 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0405718 | -.003573 | 4.695272 | -.006849 | .0026354 | 39.06112 | 2.767330 |
| #2 | .0458323 | -.005157 | 4.680131 | -.004607 | .0016764 | 39.18666 | 2.766422 |
| #3 | .0461950 | -.006546 | 4.717377 | -.008497 | .0003777 | 39.03470 | 2.775012 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0046343 | .0190475 | 51.40879 | .0780647 | .0849526 | .1666664 | 98.77432 |
| Stddev | .0000368 | .0001697 | .27154   | .0004236 | .0002964 | .0012375 | .31229   |
| %RSD   | .7939184 | .8910429 | .5281891 | .5425767 | .3488960 | .7425117 | .3161691 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0046755 | .0189882 | 51.46049 | .0785455 | .0847738 | .1668966 | 98.83037 |
| #2 | .0046226 | .0189154 | 51.65077 | .0779023 | .0852947 | .1677726 | 99.05479 |
| #3 | .0046047 | .0192389 | 51.11512 | .0777465 | .0847893 | .1653299 | 98.43780 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.857644 | 26.66085 | .1021083 | -.004371 | .4713324 | .1483860 | 1.384650 |
| Stddev | .013769  | .06055   | .0007925 | .000298  | .0384063 | .0046690 | .020056  |
| %RSD   | .2007801 | .2270946 | .7761604 | 6.805567 | 8.148451 | 3.146498 | 1.448479 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.863131 | 26.72785 | .1014575 | -.004486 | .5115202 | .1462827 | 1.407694 |
| #2 | 6.867823 | 26.64462 | .1018765 | -.004034 | .4674788 | .1451388 | 1.371125 |
| #3 | 6.841977 | 26.61007 | .1029908 | -.004595 | .4349981 | .1537367 | 1.375132 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.573748 | 2.217925 | -.023582 | .0008592 | 1.154317 | 3.576811 | .0059749 |
| Stddev | .011913  | .011708  | .001103  | .0005390 | .007556  | .009213  | .0004405 |
| %RSD   | .3333541 | .5278658 | 4.679196 | 62.73286 | .6545971 | .2575709 | 7.372702 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.565925 | 2.204757 | -.022442 | .0014622 | 1.146062 | 3.580908 | .0060088 |
| #2 | 3.587459 | 2.221859 | -.024645 | .0006912 | 1.155998 | 3.566261 | .0055185 |
| #3 | 3.567860 | 2.227159 | -.023658 | .0004242 | 1.160891 | 3.583265 | .0063975 |

Sample Name: I2550-19      Acquired: 4/6/2017 21:20:25      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9YP8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .4976686 | .0242978 | .0556505 |
| Stddev | .0032778 | .0009563 | .0002308 |
| %RSD   | .6586352 | 3.935708 | .4147548 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .4967429 | .0245854 | .0554972 |
| #2 | .5013098 | .0232307 | .0555383 |
| #3 | .4949532 | .0250773 | .0559159 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1282.928 | 2270.214 | 40208.37 | 4226.008 | 3446.715 |
| Stddev    | 3.732    | 6.886    | 141.53   | 17.402   | 5.497    |
| %RSD      | .2908932 | .3033037 | .3519855 | .4117747 | .1594902 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1280.913 | 2278.062 | 40155.43 | 4226.144 | 3452.131 |
| #2 | 1280.637 | 2265.183 | 40100.94 | 4208.539 | 3446.873 |
| #3 | 1287.235 | 2267.398 | 40368.74 | 4243.342 | 3441.140 |

Sample Name: I2550-20      Acquired: 4/6/2017 21:24:30      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9YP9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0395921 | -.004164 | 4.494141 | -.005306 | .0022032 | 41.23449 | 2.737453 |
| Stddev | .0019421 | .000876  | .026439  | .001308  | .0007508 | .20232   | .012322  |
| %RSD   | 4.905173 | 21.03323 | .5882966 | 24.64121 | 34.07888 | .4906529 | .4501260 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0386343 | -.005032 | 4.500728 | -.005334 | .0013540 | 41.00521 | 2.725407 |
| #2 | .0418270 | -.003281 | 4.465032 | -.006600 | .0027792 | 41.38791 | 2.750033 |
| #3 | .0383150 | -.004179 | 4.516664 | -.003985 | .0024764 | 41.31035 | 2.736919 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0045378 | .0185937 | 54.75596 | .0762578 | .0795205 | .1742384 | 93.14283 |
| Stddev | .0000495 | .0001798 | .32072   | .0009096 | .0005066 | .0016165 | .49520   |
| %RSD   | 1.091878 | .9669047 | .5857339 | 1.192788 | .6370514 | .9277721 | .5316522 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0045737 | .0186076 | 54.41415 | .0770148 | .0793942 | .1730473 | 92.57163 |
| #2 | .0045583 | .0184074 | 55.05032 | .0765099 | .0790890 | .1760786 | 93.40575 |
| #3 | .0044812 | .0187662 | 54.80340 | .0752487 | .0800783 | .1735893 | 93.45112 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.545617 | 26.99336 | .1040794 | -.003853 | .4812854 | .1394193 | 1.262189 |
| Stddev | .038242  | .19634   | .0006003 | .000170  | .1478702 | .0023524 | .007159  |
| %RSD   | .5842340 | .7273608 | .5767392 | 4.411481 | 30.72400 | 1.687278 | .5671597 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.502049 | 26.84846 | .1040314 | -.003871 | .6457270 | .1368779 | 1.256147 |
| #2 | 6.573627 | 26.91480 | .1035046 | -.003675 | .3592550 | .1415205 | 1.260326 |
| #3 | 6.561177 | 27.21681 | .1047023 | -.004014 | .4388743 | .1398595 | 1.270096 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.914615 | 2.163600 | -.021151 | .0006964 | 1.224912 | 4.157828 | .0038318 |
| Stddev | .004587  | .006577  | .000982  | .0001640 | .003672  | .022678  | .0015217 |
| %RSD   | .1171743 | .3039875 | 4.643912 | 23.55087 | .2997824 | .5454306 | 39.71172 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.914048 | 2.168448 | -.020852 | .0007487 | 1.224007 | 4.161462 | .0055858 |
| #2 | 3.910338 | 2.156113 | -.020354 | .0008280 | 1.221777 | 4.178469 | .0028655 |
| #3 | 3.919459 | 2.166239 | -.022248 | .0005127 | 1.228952 | 4.133552 | .0030441 |

Sample Name: I2550-20      Acquired: 4/6/2017 21:24:30      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9YP9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .4855852 | .0262684 | .0583689 |
| Stddev | .0017308 | .0006783 | .0002262 |
| %RSD   | .3564332 | 2.582356 | .3875686 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .4838629 | .0254966 | .0581246 |
| #2 | .4873244 | .0265383 | .0585711 |
| #3 | .4855682 | .0267702 | .0584110 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1269.484 | 2248.090 | 39824.52 | 4177.646 | 3416.811 |
| Stddev    | 11.669   | .652     | 189.87   | 4.912    | 8.815    |
| %RSD      | .9191825 | .0289836 | .4767782 | .1175826 | .2579768 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1280.170 | 2248.460 | 40032.72 | 4182.419 | 3411.096 |
| #2 | 1271.248 | 2248.472 | 39779.93 | 4172.606 | 3426.962 |
| #3 | 1257.033 | 2247.338 | 39660.90 | 4177.913 | 3412.374 |

Sample Name: I2550-21      Acquired: 4/6/2017 21:28:34      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9YQ0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0728436 | -.007125 | 10.40235 | -.008538 | .0040870 | 87.44426 | 6.866774 |
| Stddev | .0028791 | .000799  | .04712   | .004073  | .0008468 | .17417   | .022660  |
| %RSD   | 3.952449 | 11.21904 | .4529838 | 47.70104 | 20.71989 | .1991826 | .3299998 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0709917 | -.006205 | 10.38377 | -.008807 | .0049697 | 87.38046 | 6.860496 |
| #2 | .0713786 | -.007519 | 10.36735 | -.012470 | .0040101 | 87.31099 | 6.847915 |
| #3 | .0761606 | -.007650 | 10.45593 | -.004338 | .0032813 | 87.64134 | 6.891912 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0087963 | .0415860 | 136.3025 | .1220250 | .1838330 | .3470059 | 178.4768 |
| Stddev | .0000594 | .0001062 | .6269    | .0005344 | .0010385 | .0039343 | .6012    |
| %RSD   | .6757674 | .2553428 | .4599371 | .4379751 | .5649373 | 1.133798 | .3368500 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0087442 | .0416323 | 136.2921 | .1226312 | .1829562 | .3426833 | 178.0940 |
| #2 | .0088610 | .0416612 | 135.6808 | .1216217 | .1835630 | .3503778 | 178.1666 |
| #3 | .0087836 | .0414645 | 136.9345 | .1218221 | .1849799 | .3479565 | 179.1697 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.48929 | 72.22964 | .2255336 | -.008042 | 1.091170 | .2545542 | 2.659980 |
| Stddev | .04918   | .51032   | .0008174 | .000049  | .162564  | .0023060 | .009166  |
| %RSD   | .3394188 | .7065310 | .3624445 | .6114197 | 14.89815 | .9058865 | .3446042 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 14.47668 | 71.90765 | .2251215 | -.008022 | .963297  | .2571653 | 2.650134 |
| #2 | 14.44765 | 71.96322 | .2250042 | -.008097 | 1.274117 | .2537003 | 2.661541 |
| #3 | 14.54355 | 72.81804 | .2264750 | -.008005 | 1.036095 | .2527969 | 2.668266 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.840890 | 4.654897 | -.039518 | .0012830 | 3.049362 | 13.47145 | .0103860 |
| Stddev | .033714  | .022989  | .001171  | .0005794 | .007701  | .21263   | .0005585 |
| %RSD   | .3813395 | .4938690 | 2.962444 | 45.16188 | .2525518 | 1.578392 | 5.377519 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 8.843795 | 4.631505 | -.038830 | .0010295 | 3.043004 | 13.23253 | .0110261 |
| #2 | 8.805818 | 4.655726 | -.040870 | .0008735 | 3.047156 | 13.54190 | .0099975 |
| #3 | 8.873057 | 4.677461 | -.038855 | .0019460 | 3.057925 | 13.63992 | .0101344 |

Sample Name: I2550-21      Acquired: 4/6/2017 21:28:34      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9YQ0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .8690911 | .0590094 | .1354909 |
| Stddev | .0045436 | .0002637 | .0002026 |
| %RSD   | .5227978 | .4469447 | .1495064 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .8692672 | .0587260 | .1355352 |
| #2 | .8644620 | .0590543 | .1352699 |
| #3 | .8735440 | .0592478 | .1356677 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1324.078 | 2364.122 | 41837.39 | 4425.718 | 3172.170 |
| Stddev    | 7.285    | 13.682   | 194.49   | 13.516   | 16.662   |
| %RSD      | .5502229 | .5787246 | .4648750 | .3053942 | .5252471 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1315.715 | 2374.827 | 41615.11 | 4439.053 | 3184.683 |
| #2 | 1327.474 | 2368.831 | 41920.76 | 4426.073 | 3178.569 |
| #3 | 1329.046 | 2348.707 | 41976.30 | 4412.028 | 3153.257 |

Sample Name: I2550-22      Acquired: 4/6/2017 21:32:35      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9YQ1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0296994 | -.001490 | 1.362765 | -.005055 | .0012126 | 20.60613 | 1.108602 |
| Stddev | .0017401 | .002288  | .000554  | .000850  | .0003996 | .05784   | .003335  |
| %RSD   | 5.859020 | 153.5185 | .0406226 | 16.82250 | 32.95793 | .2807065 | .3007957 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0277005 | .000854  | 1.362785 | -.004233 | .0010908 | 20.61605 | 1.108100 |
| #2 | .0308757 | -.003716 | 1.362202 | -.004999 | .0008880 | 20.54397 | 1.105546 |
| #3 | .0305219 | -.001608 | 1.363309 | -.005931 | .0016589 | 20.65837 | 1.112159 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0028473 | .0059395 | 12.91649 | .0692092 | .0398235 | .0648237 | 64.29400 |
| Stddev | .0000111 | .0001156 | .07995   | .0007722 | .0002239 | .0009949 | .37617   |
| %RSD   | .3892690 | 1.945497 | .6189852 | 1.115763 | .5621439 | 1.534719 | .5850731 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0028497 | .0058372 | 12.93179 | .0694087 | .0395695 | .0640331 | 64.65879 |
| #2 | .0028570 | .0060648 | 12.82999 | .0683568 | .0399092 | .0659407 | 63.90740 |
| #3 | .0028352 | .0059164 | 12.98768 | .0698621 | .0399919 | .0644972 | 64.31580 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.353495 | 7.197998 | .0517365 | -.003010 | .2153477 | .1123700 | .6235219 |
| Stddev | .013096  | .072411  | .0005968 | .000327  | .0682417 | .0024999 | .0038872 |
| %RSD   | .3905280 | 1.005991 | 1.153553 | 10.86819 | 31.68908 | 2.224743 | .6234207 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.368605 | 7.266834 | .0522970 | -.002632 | .2812315 | .1126691 | .6231005 |
| #2 | 3.346468 | 7.122475 | .0511090 | -.003213 | .1449702 | .1147070 | .6198626 |
| #3 | 3.345411 | 7.204683 | .0518037 | -.003183 | .2198413 | .1097340 | .6276025 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.149486 | 1.386235 | -.017750 | .0004665 | .4460268 | 3.674989 | .0049646 |
| Stddev | .005123  | .004712  | .001798  | .0003042 | .0014310 | .059564  | .0001246 |
| %RSD   | .2383147 | .3399133 | 10.13054 | 65.21227 | .3208360 | 1.620784 | 2.509979 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.143821 | 1.391653 | -.018342 | .0006592 | .4446330 | 3.742492 | .0051010 |
| #2 | 2.153792 | 1.383099 | -.019178 | .0006245 | .4474924 | 3.652658 | .0049362 |
| #3 | 2.150846 | 1.383952 | -.015731 | .0001158 | .4459551 | 3.629819 | .0048567 |

Sample Name: I2550-22      Acquired: 4/6/2017 21:32:35      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MG9YQ1      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .4617714 | .0114680 | .0223975 |
| Stddev | .0019862 | .0008296 | .0000537 |
| %RSD   | .4301236 | 7.234210 | .2399678 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .4602593 | .0124018 | .0224595 |
| #2 | .4610341 | .0108160 | .0223668 |
| #3 | .4640208 | .0111862 | .0223661 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1272.472 | 2255.679 | 39713.32 | 4079.410 | 3649.411 |
| Stddev    | 8.013    | 2.057    | 98.33    | 13.198   | 1.666    |
| %RSD      | .6297115 | .0911763 | .2476103 | .3235288 | .0456426 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1265.661 | 2257.871 | 39626.64 | 4066.240 | 3647.589 |
| #2 | 1270.454 | 2255.375 | 39693.16 | 4092.636 | 3649.788 |
| #3 | 1281.301 | 2253.791 | 39820.18 | 4079.352 | 3650.856 |

Sample Name: CCV033      Acquired: 4/6/2017 21:36:40      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV033      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.051595 | 4.691821 | 23.25905 | 4.995925 | 5.084292 | 434.1667 |
| Stddev | .047990  | .026301  | .11888   | .039518  | .033253  | 5.6108   |
| %RSD   | .9499909 | .5605703 | .5111331 | .7909956 | .6540413 | 1.292324 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.996282 | 4.673157 | 23.15069 | 4.951987 | 5.050149 | 428.3089 |
| #2 | 5.076358 | 4.680404 | 23.24023 | 5.007230 | 5.086147 | 439.4928 |
| #3 | 5.082145 | 4.721901 | 23.38622 | 5.028559 | 5.116578 | 434.6983 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.32880 | .5105041 | 2.374315 | 422.4935 | 14.79481 | 2.379687 |
| Stddev | .12883   | .0071446 | .009519  | 5.3049   | .04737   | .012673  |
| %RSD   | 1.247242 | 1.399522 | .4009310 | 1.255614 | .3201730 | .5325300 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 10.20313 | .5033857 | 2.367301 | 416.8304 | 14.80109 | 2.368432 |
| #2 | 10.46056 | .5176746 | 2.370494 | 427.3472 | 14.83873 | 2.377217 |
| #3 | 10.32272 | .5104520 | 2.385152 | 423.3029 | 14.74461 | 2.393413 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790     | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | 15.40609 | 430.1024 | 15.10670 | F 440.5976 | 2.374902 | 1.238425 |
| Stddev | .19237   | 5.8389   | .22358   | 5.8133     | .012086  | .001350  |
| %RSD   | 1.248665 | 1.357555 | 1.479992 | 1.319402   | .5088972 | .1089689 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 15.20985 | 424.2843 | 14.88865 | 434.8378 | 2.365887 | 1.239971 |
| #2 | 15.59434 | 435.9618 | 15.33542 | 446.4629 | 2.370184 | 1.237821 |
| #3 | 15.41409 | 430.0611 | 15.09604 | 440.4921 | 2.388635 | 1.237484 |

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138     | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | 431.8724 | 2.501894 | F 13.27677 | 158.4410 | 5.174988 | 4.907441 |
| Stddev | 5.7370   | .036914  | .04918     | 1.8602   | .019744  | .057891  |
| %RSD   | 1.328393 | 1.475452 | .3704180   | 1.174036 | .3815244 | 1.179663 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 426.2626 | 2.466913 | 13.29510 | 156.6769 | 5.158153 | 4.857512 |
| #2 | 437.7286 | 2.540477 | 13.22106 | 160.3843 | 5.170091 | 4.970899 |
| #3 | 431.6261 | 2.498291 | 13.31416 | 158.2620 | 5.196719 | 4.893913 |

Sample Name: CCV033      Acquired: 4/6/2017 21:36:40      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV033      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.947877 | 4.950030 | 5.010444 | 4.799096 | 5.048222 | 5.626907 |
| Stddev | .030861  | .046727  | .071626  | .028813  | .063550  | .076040  |
| %RSD   | .6237294 | .9439661 | 1.429528 | .6003832 | 1.258864 | 1.351363 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.919265 | 4.917017 | 4.946580 | 4.773919 | 4.980270 | 5.561484 |
| #2 | 4.943787 | 4.929578 | 5.087887 | 4.792850 | 5.106189 | 5.710333 |
| #3 | 4.980579 | 5.003496 | 4.996864 | 4.830520 | 5.058207 | 5.608904 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 5.120761 |
| Stddev | .086197  |
| %RSD   | 1.683278 |

|    |          |
|----|----------|
| #1 | 5.022385 |
| #2 | 5.183042 |
| #3 | 5.156857 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 996.8523 | 1790.433 | 32277.24 | 3551.441 | 2576.740 |
| Stddev    | 7.3251   | 9.889    | 111.16   | 37.457   | 11.821   |
| %RSD      | .7348248 | .5523445 | .3443958 | 1.054713 | .4587534 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 989.3264 | 1801.224 | 32149.75 | 3586.531 | 2588.681 |
| #2 | 1003.959 | 1788.273 | 32328.08 | 3511.996 | 2576.497 |
| #3 | 997.272  | 1781.802 | 32353.89 | 3555.795 | 2565.043 |

Sample Name: CCB033      Acquired: 4/6/2017 21:40:36      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB033      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0023032 | .0005079 | -.001224 | -.002064 | -.000453 | .0065074 | -.004169 |
| Stddev | .0014222 | .0010996 | .001468  | .002394  | .001057  | .0081183 | .000672  |
| %RSD   | 61.75147 | 216.4805 | 119.9848 | 115.9922 | 233.0906 | 124.7543 | 16.11153 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0036881 | -.000237 | -.002869 | -.002416 | .000749  | .0063684 | -.003616 |
| #2 | .0023751 | -.000010 | -.000756 | -.004263 | -.000876 | .0146944 | -.003975 |
| #3 | .0008463 | .001771  | -.000046 | .000487  | -.001233 | -.001540 | -.004917 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000742 | .0000341 | .0032344 | -.000328 | .0000343 | .0007420 | .0143976 |
| Stddev | .0000673 | .0000431 | .0034486 | .000212  | .0001659 | .0011346 | .0012335 |
| %RSD   | 90.60358 | 126.4314 | 106.6231 | 64.67974 | 484.1173 | 152.9042 | 8.567106 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000574 | .0000838 | .0011546 | -.000105 | -.000152 | -.000529 | .0135256 |
| #2 | .0001483 | .0000121 | .0072152 | -.000527 | .000165  | .001652  | .0158089 |
| #3 | .0000170 | .0000064 | .0013334 | -.000352 | .000090  | .001103  | .0138583 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000467 | .0143080 | .0004446 | .0002599 | -.108216 | -.000782 | .0031784 |
| Stddev | .000594  | .0104085 | .0000716 | .0002338 | .137216  | .003701  | .0046738 |
| %RSD   | 127.3552 | 72.74644 | 16.09587 | 89.94775 | 126.7977 | 472.9973 | 147.0468 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .000184  | .0054415 | .0004318 | .0005198 | -.058801 | -.004994 | .0062289 |
| #2 | -.000982 | .0117144 | .0003803 | .0000670 | -.002552 | .001950  | -.002202 |
| #3 | -.000602 | .0257681 | .0005217 | .0001929 | -.263295 | .000696  | .005509  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.143551 | -.000189 | .0007239 | .0003286 | -.001753 | -.001855 | -.000253 |
| Stddev | .006518  | .000864  | .0009303 | .0001654 | .001864  | .003680  | .000515  |
| %RSD   | 4.540706 | 458.1433 | 128.5254 | 50.34827 | 106.3192 | 198.3567 | 203.9346 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.136041 | -.000249 | .0016863 | .0004398 | -.002648 | -.003897 | -.000797 |
| #2 | -.146877 | .000704  | .0006560 | .0004075 | -.003001 | .002393  | -.000188 |
| #3 | -.147736 | -.001021 | -.000171 | .0001385 | .000389  | -.004062 | .000227  |

Sample Name: CCB033      Acquired: 4/6/2017 21:40:36      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v865)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB033      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0005785 | .0000295 | .0000085 |
| Stddev | .0008882 | .0005430 | .0000133 |
| %RSD   | 153.5323 | 1839.361 | 156.9027 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0015400 | -.000316 | .0000078 |
| #2 | -.000211 | -.000250 | .0000221 |
| #3 | .000407  | .000655  | -.000004 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1270.959 | 2273.215 | 39202.08 | 3901.237 | 3941.132 |
| Stddev    | 19.977   | 13.548   | 657.89   | 44.117   | 21.206   |
| %RSD      | 1.571834 | .5959655 | 1.678209 | 1.130842 | .5380734 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1289.930 | 2280.919 | 39771.54 | 3898.890 | 3956.840 |
| #2 | 1250.108 | 2281.155 | 38481.91 | 3946.480 | 3949.545 |
| #3 | 1272.841 | 2257.572 | 39352.79 | 3858.340 | 3917.010 |