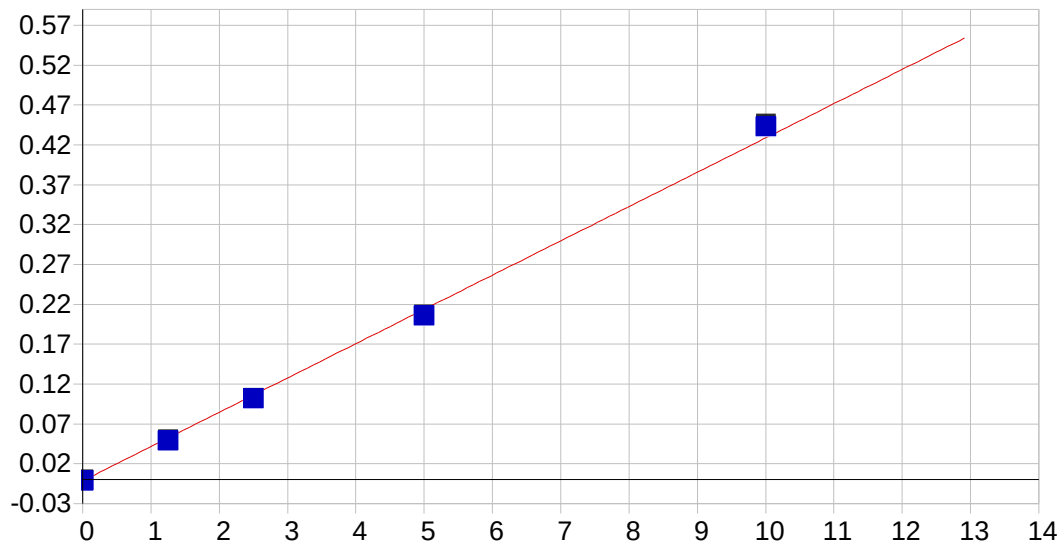




As 189.042 {479}

Date of Fit: 3/14/2017 03:12:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.001347

Re-Slope: 1.000000

A1 (Gain): 0.043009

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999309

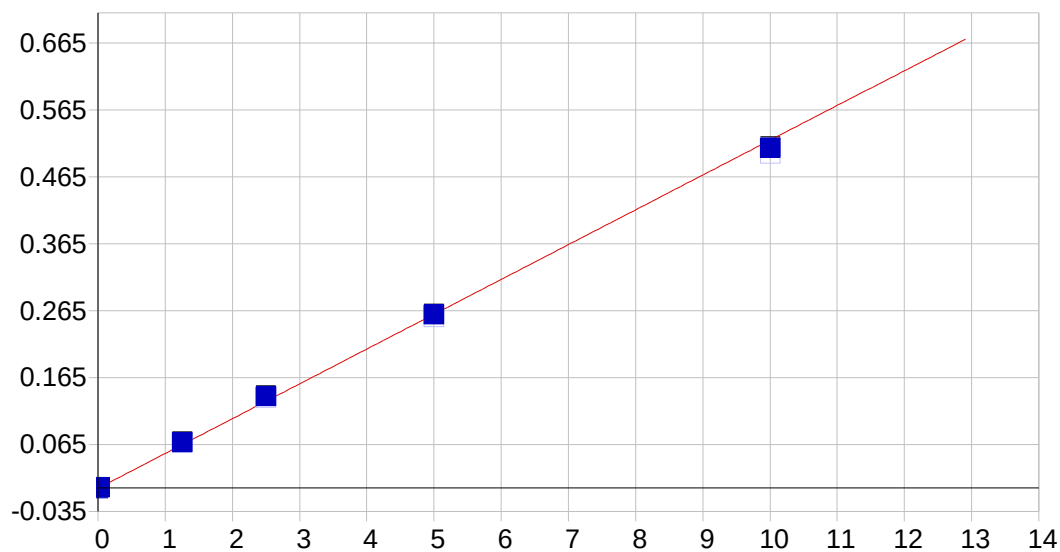
Status: OK.

Std Error of Est: 0.000027

Predicted MDL: 0.009545

Predicted MQL: 0.031818

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00135 | .000    | 1        |
| S1        | .01000       | .00870      | -.001      | -13.0   | -.00097 | .000    | 1        |
| S2        | 1.2500       | 1.1814      | -.069      | -5.49   | .04930  | .000    | 1        |
| S3        | 2.5000       | 2.4037      | -.096      | -3.85   | .10172  | .000    | 1        |
| S4        | 5.0000       | 4.8221      | -.178      | -3.56   | .20541  | .001    | 1        |
| S5        | 10.000       | 10.344      | .344       | 3.44    | .44226  | .002    | 1        |

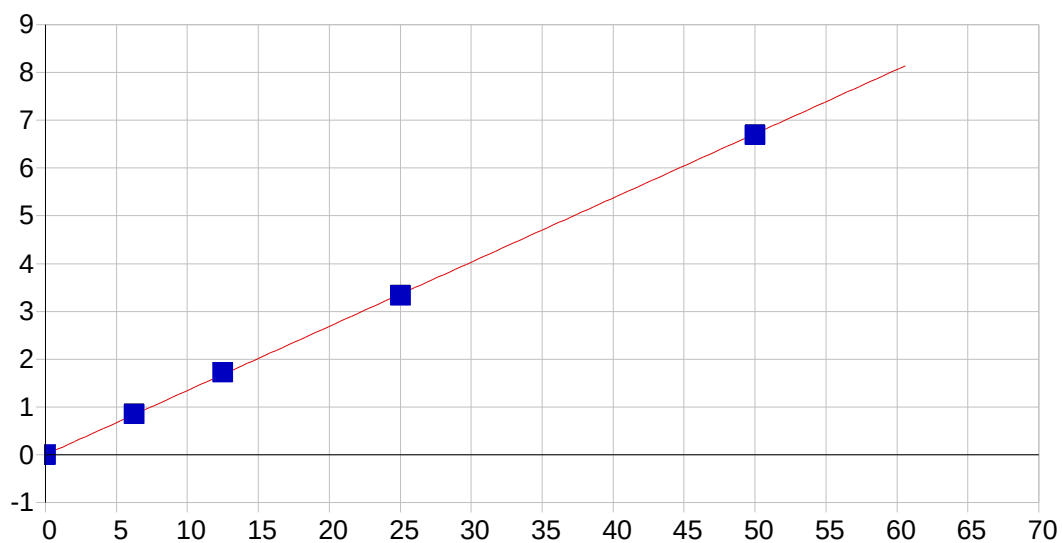


TI 190.856 {477}

Date of Fit: 3/14/2017 03:12:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000240 Re-Slope: 1.000000  
 A1 (Gain): 0.051983 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999541 Status: OK.  
 Std Error of Est: 0.000041  
 Predicted MDL: 0.005411  
 Predicted MQL: 0.018036

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00024 | .000    | 1        |
| S1        | .02500       | .02646      | .001       | 5.83    | .00103  | .000    | 1        |
| S2        | 1.2500       | 1.3234      | .073       | 5.87    | .06737  | .000    | 1        |
| S3        | 2.5000       | 2.6388      | .139       | 5.55    | .13457  | .001    | 1        |
| S4        | 5.0000       | 4.9988      | -.001      | -.023   | .25489  | .000    | 1        |
| S5        | 10.000       | 9.7876      | -.212      | -2.12   | .49910  | .002    | 1        |

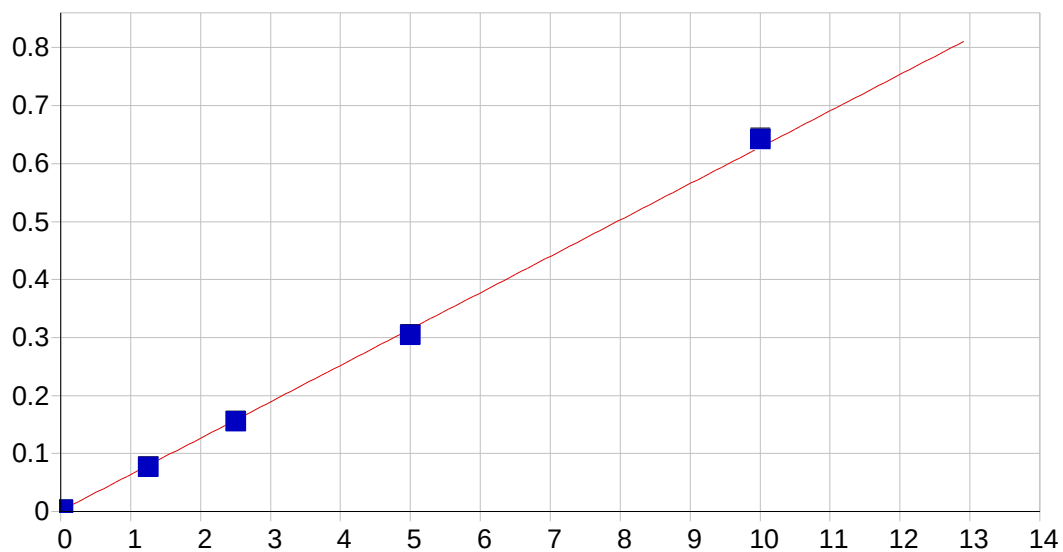


Pb 220.353 {453}

Date of Fit: 3/14/2017 03:12:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000314 Re-Slope: 1.000000  
 A1 (Gain): 0.134346 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999945 Status: OK.  
 Std Error of Est: 0.000053  
 Predicted MDL: 0.002792  
 Predicted MQL: 0.009307

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00031 | .000    | 1        |
| S1        | .01000       | .01006      | .000       | .558    | .00103  | .000    | 1        |
| S2        | 6.2500       | 6.3235      | .073       | 1.18    | .84886  | .002    | 1        |
| S3        | 12.500       | 12.800      | .300       | 2.40    | 1.7186  | .003    | 1        |
| S4        | 25.000       | 24.788      | -.212      | -.847   | 3.3285  | .005    | 1        |
| S5        | 50.000       | 49.838      | -.162      | -.324   | 6.6924  | .002    | 1        |

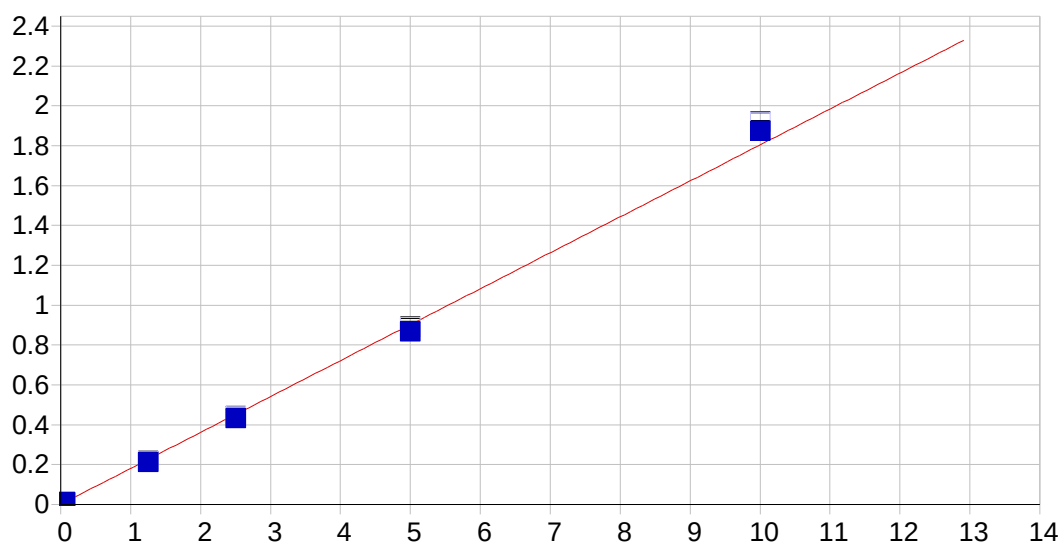


Se 196.090 {472}

Date of Fit: 3/14/2017 03:12:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001041 Re-Slope: 1.000000  
 A1 (Gain): 0.062710 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999680 Status: OK.  
 Std Error of Est: 0.000050  
 Predicted MDL: 0.006966  
 Predicted MQL: 0.023221

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00104 | .000    | 1        |
| S1        | .03500       | .03429      | -.001      | -2.04   | .00319 | .000    | 1        |
| S2        | 1.2500       | 1.2096      | -.040      | -3.23   | .07661 | .001    | 1        |
| S3        | 2.5000       | 2.4636      | -.036      | -1.46   | .15495 | .000    | 1        |
| S4        | 5.0000       | 4.8461      | -.154      | -3.08   | .30378 | .000    | 1        |
| S5        | 10.000       | 10.231      | .231       | 2.31    | .64033 | .001    | 1        |

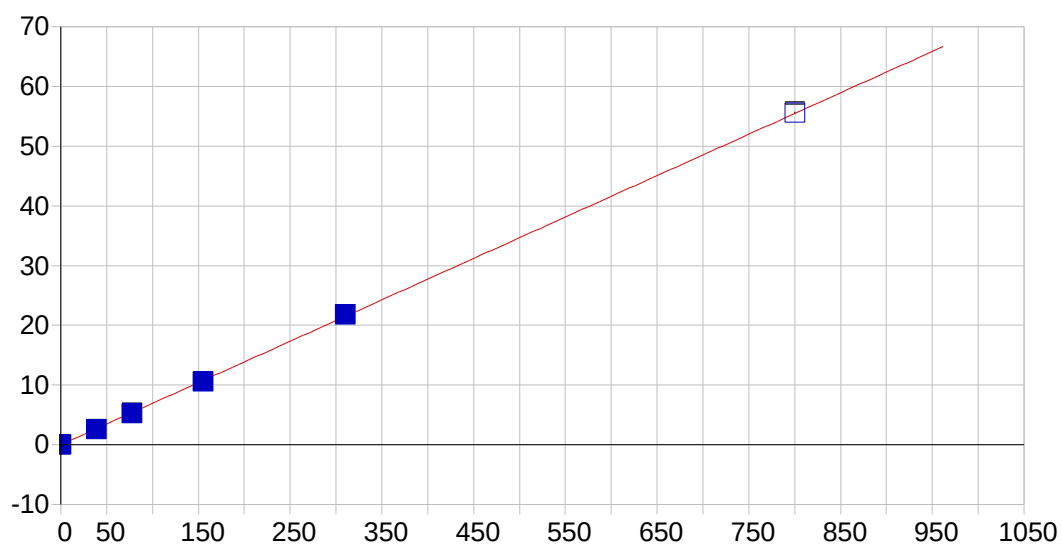


Sb 206.833 {463}

Date of Fit: 3/14/2017 03:12:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000929 Re-Slope: 1.000000  
 A1 (Gain): 0.180326 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999137 Status: OK.  
 Std Error of Est: 0.000316  
 Predicted MDL: 0.002673  
 Predicted MQL: 0.008910

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | .00093 | .000    | 1        |
| S1        | .06000       | .05718      | -.003      | -4.70   | .01124 | .000    | 1        |
| S2        | 1.2500       | 1.1664      | -.084      | -6.69   | .21668 | .000    | 1        |
| S3        | 2.5000       | 2.3892      | -.111      | -4.43   | .44259 | .001    | 1        |
| S4        | 5.0000       | 4.8020      | -.198      | -3.96   | .88853 | .004    | 1        |
| S5        | 10.000       | 10.395      | .395       | 3.95    | 1.9188 | .002    | 1        |

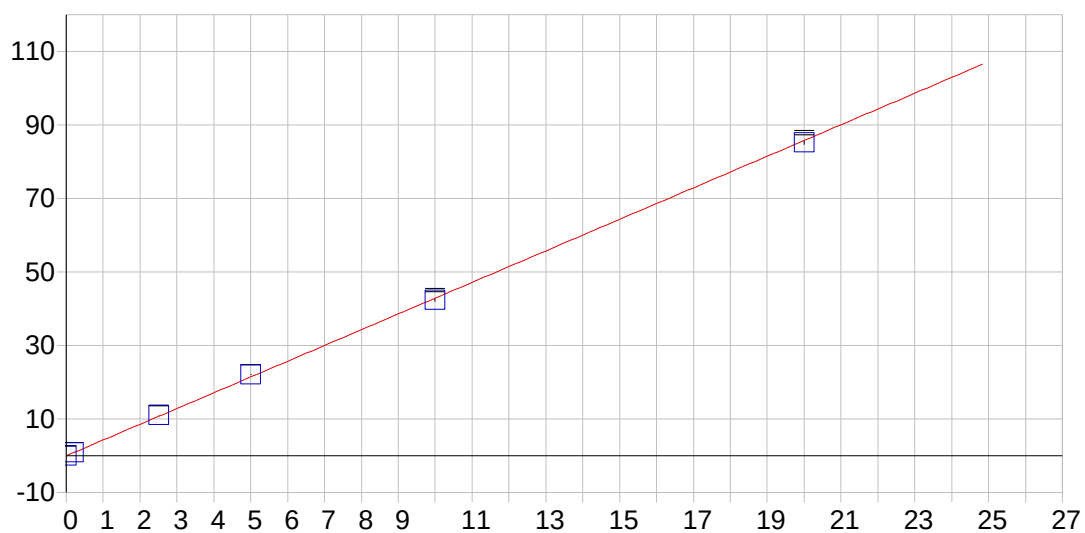


AI 396.152 { 85}

Date of Fit: 3/14/2017 03:12:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000187 Re-Slope: 1.000000  
 A1 (Gain): 0.069336 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999943 Status: OK.  
 Std Error of Est: 0.000459  
 Predicted MDL: 0.007679  
 Predicted MQL: 0.025598

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | -.00019 | .001    | 1        |
| S1        | .20000       | .19876      | -.001      | -.618   | .01362  | .000    | 1        |
| S2        | 38.750       | 37.591      | -1.16      | -2.99   | 2.6094  | .009    | 1        |
| S3        | 77.500       | 76.322      | -1.18      | -1.52   | 5.2981  | .004    | 1        |
| S4        | 155.00       | 151.99      | -3.01      | -1.94   | 10.551  | .013    | 1        |
| S5        | 310.00       | 313.61      | 3.61       | 1.16    | 21.770  | .008    | 1        |
| S6        | 800.00       | 801.74      | 1.74       | .218    | 55.589  | .215    | 1        |



Ba 493.409 { 68}

Date of Fit: 3/14/2017 03:12:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.022302

Re-Slope: 1.000000

A1 (Gain): 4.289394

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999879

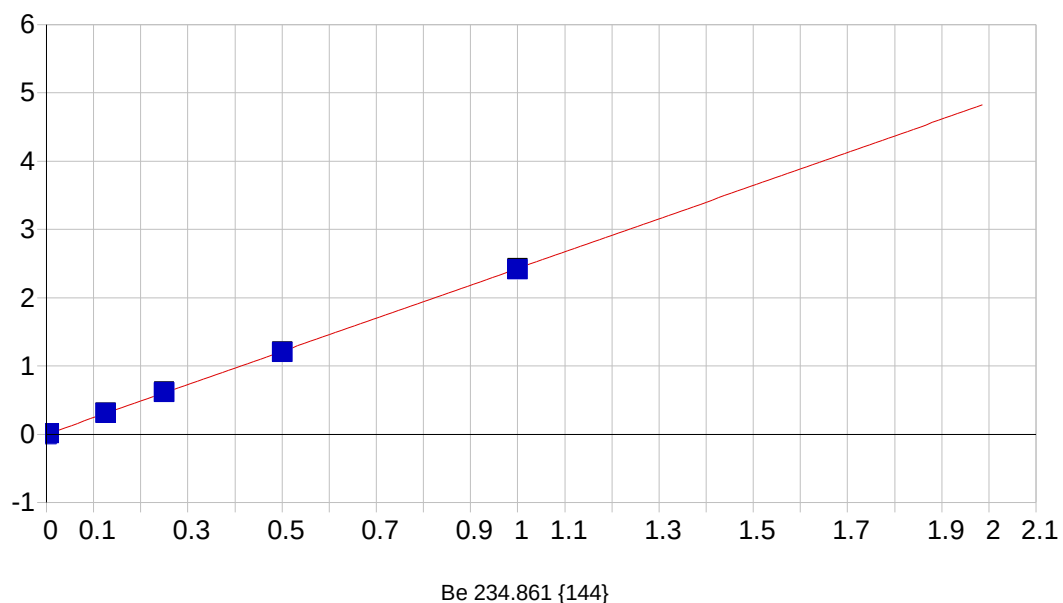
Status: OK.

Std Error of Est: 0.007100

Predicted MDL: 0.000331

Predicted MQL: 0.001104

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00002     | .000       | .000    | -.02237 | .001    | 1        |
| S1        | .20000       | .20826      | .008       | 4.13    | .87102  | .001    | 1        |
| S2        | 2.5000       | 2.5684      | .068       | 2.74    | 10.995  | .034    | 1        |
| S3        | 5.0000       | 5.1566      | .157       | 3.13    | 22.096  | .028    | 1        |
| S4        | 10.000       | 9.8849      | -.115      | -1.15   | 42.378  | .439    | 1        |
| S5        | 20.000       | 19.882      | -.118      | -.591   | 85.259  | .624    | 1        |



Date of Fit: 3/14/2017 03:12:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000721

Re-Slope: 1.000000

A1 (Gain): 2.428840

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999915

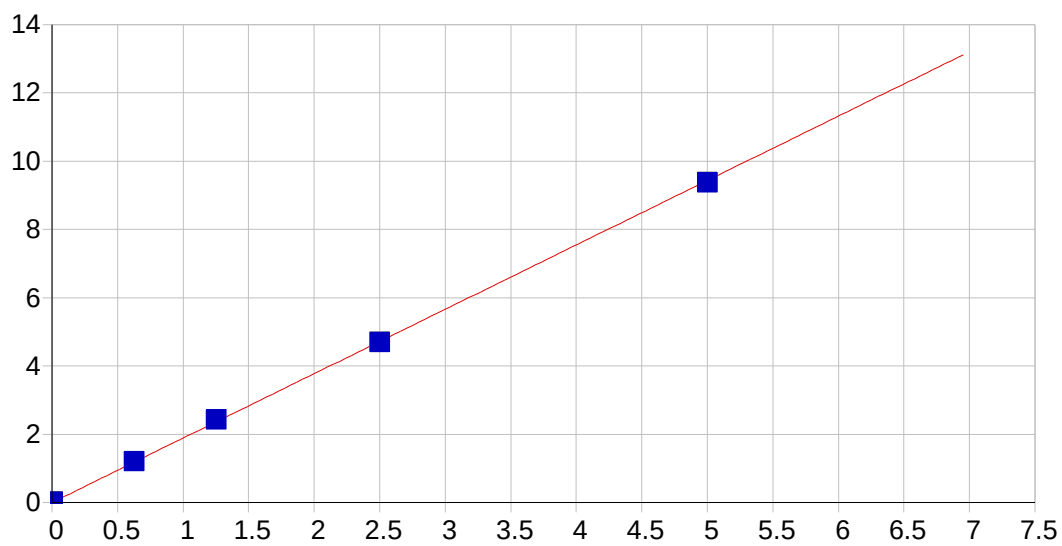
Status: OK.

Std Error of Est: 0.000118

Predicted MDL: 0.000115

Predicted MQL: 0.000382

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00072 | .000    | 1        |
| S1        | .00500       | .00527      | .000       | 5.41    | .01207  | .000    | 1        |
| S2        | .12500       | .12901      | .004       | 3.20    | .31159  | .001    | 1        |
| S3        | .25000       | .25526      | .005       | 2.10    | .61722  | .001    | 1        |
| S4        | .50000       | .49579      | -.004      | -.841   | 1.1994  | .004    | 1        |
| S5        | 1.0000       | .99467      | -.005      | -.533   | 2.4070  | .014    | 1        |

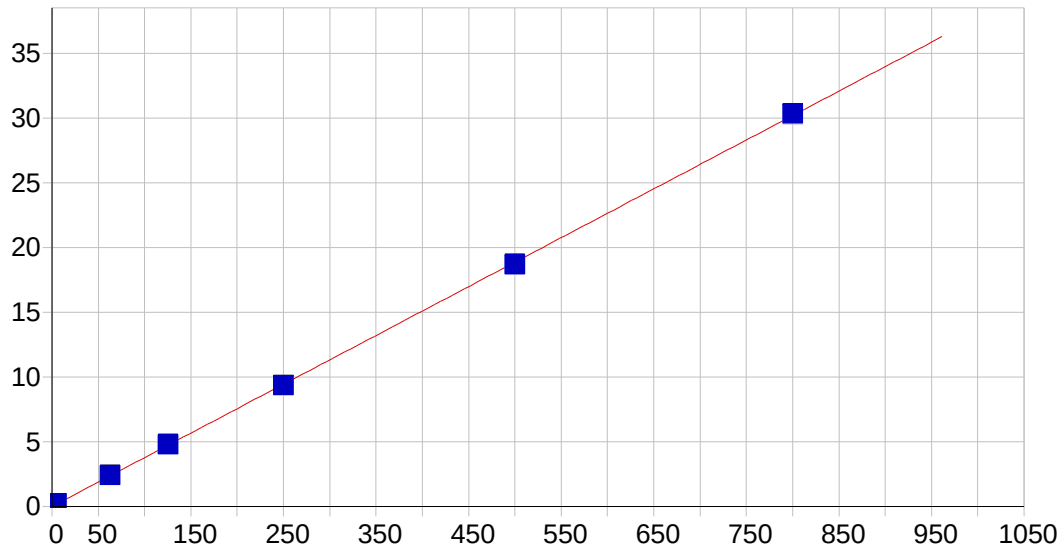


Cd 214.438 {457}

Date of Fit: 3/14/2017 03:12:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000308 Re-Slope: 1.000000  
 A1 (Gain): 1.886867 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999918 Status: OK.  
 Std Error of Est: 0.000203  
 Predicted MDL: 0.000167  
 Predicted MQL: 0.000556

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00031 | .000    | 1        |
| S1        | .00500       | .00504      | .000       | .742    | .00982 | .000    | 1        |
| S2        | .62500       | .63766      | .013       | 2.03    | 1.2056 | .003    | 1        |
| S3        | 1.2500       | 1.2850      | .035       | 2.80    | 2.4291 | .006    | 1        |
| S4        | 2.5000       | 2.4873      | -.013      | -.509   | 4.7017 | .005    | 1        |
| S5        | 5.0000       | 4.9650      | -.035      | -.701   | 9.3850 | .007    | 1        |



Ca 373.690 { 90}

Date of Fit: 3/14/2017 03:12:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.002053

Re-Slope: 1.000000

A1 (Gain): 0.037731

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999951

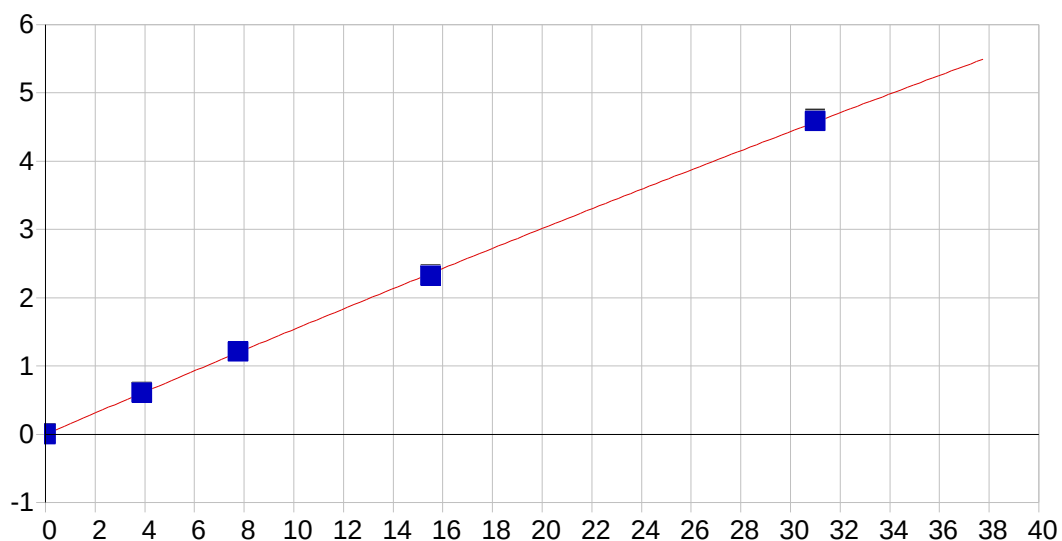
Status: OK.

Std Error of Est: 0.001296

Predicted MDL: 0.012330

Predicted MQL: 0.041101

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00023     | .000       | .000    | .00204 | .000    | 1        |
| S1        | 5.0000       | 5.0855      | .085       | 1.71    | .19392 | .001    | 1        |
| S2        | 62.500       | 64.132      | 1.63       | 2.61    | 2.4190 | .007    | 1        |
| S3        | 125.00       | 127.23      | 2.23       | 1.79    | 4.7969 | .006    | 1        |
| S4        | 250.00       | 247.54      | -2.46      | -.983   | 9.3306 | .012    | 1        |
| S5        | 500.00       | 495.17      | -4.83      | -.966   | 18.662 | .038    | 1        |
| S6        | 800.00       | 803.34      | 3.34       | .417    | 30.252 | .013    | 1        |

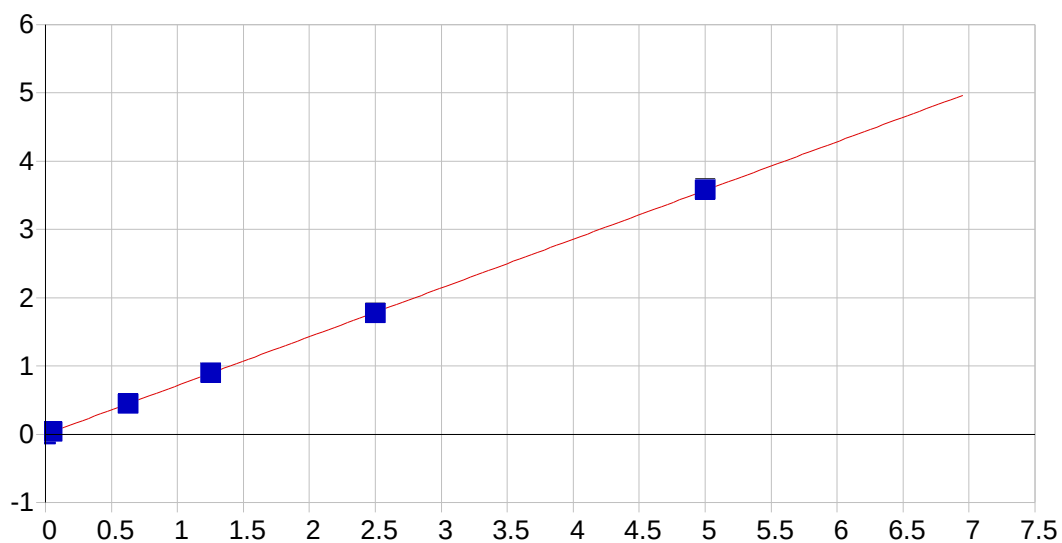


Cr 267.716 {126}

Date of Fit: 3/14/2017 03:12:48 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.000043 Re-Slope: 1.000000  
 A1 (Gain): 0.156533 Y-int: 0.000000  
 A2 (Curvature): -0.000292  
 n (Exponent): 1.000000  
 Correlation: 0.999955 Status: OK.  
 Std Error of Est: 0.000048  
 Predicted MDL: 0.000486  
 Predicted MQL: 0.001621

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00004 | .000    | 1        |
| S1        | .01000       | .01065      | .001       | 6.52    | .00173 | .000    | 1        |
| S2        | 3.8750       | 3.9202      | .045       | 1.17    | .61077 | .003    | 1        |
| S3        | 7.7500       | 7.8432      | .093       | 1.20    | 1.2130 | .000    | 1        |
| S4        | 15.500       | 15.272      | -.228      | -1.47   | 2.3289 | .005    | 1        |
| S5        | 31.000       | 31.090      | .090       | .289    | 4.5973 | .018    | 1        |



Co 228.616 {448}

Date of Fit: 3/14/2017 03:12:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000782

Re-Slope: 1.000000

A1 (Gain): 0.714452

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999973

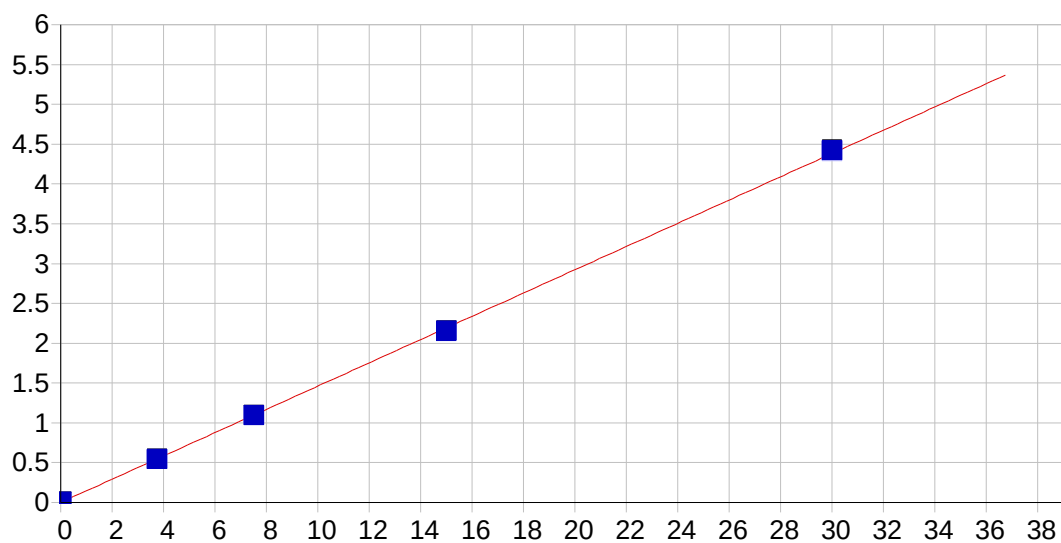
Status: OK.

Std Error of Est: 0.000140

Predicted MDL: 0.000430

Predicted MQL: 0.001435

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00078 | .000    | 1        |
| S1        | .05000       | .04761      | -.002      | -4.77   | .03337  | .000    | 1        |
| S2        | .62500       | .62100      | -.004      | -.640   | .44382  | .002    | 1        |
| S3        | 1.2500       | 1.2607      | .011       | .853    | .90176  | .002    | 1        |
| S4        | 2.5000       | 2.4770      | -.023      | -.921   | 1.7726  | .004    | 1        |
| S5        | 5.0000       | 5.0188      | .019       | .375    | 3.5923  | .002    | 1        |

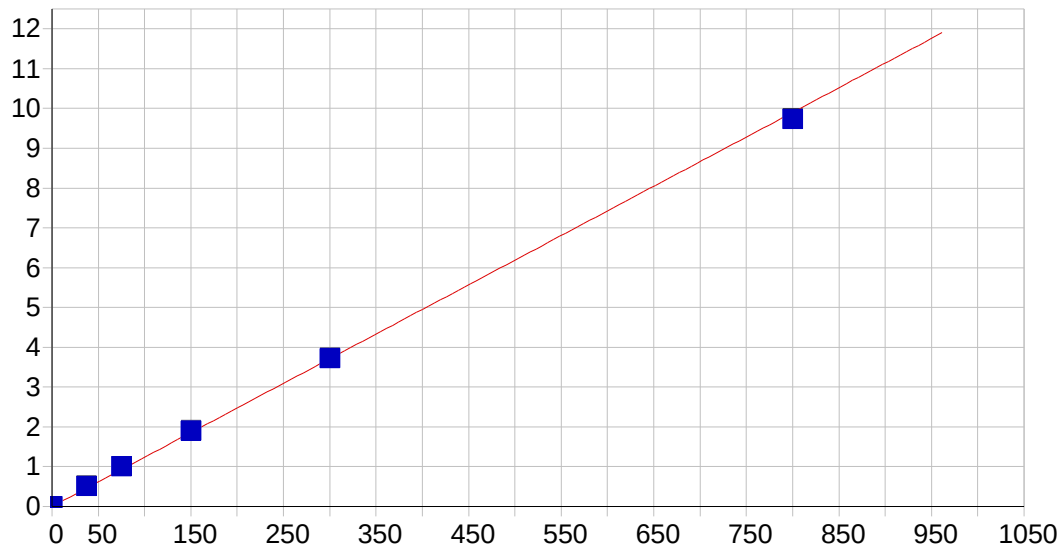


Cu 324.754 {104}

Date of Fit: 3/14/2017 03:12:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000409 Re-Slope: 1.000000  
 A1 (Gain): 0.146072 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999933 Status: OK.  
 Std Error of Est: 0.000077  
 Predicted MDL: 0.002140  
 Predicted MQL: 0.007133

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00041 | .000    | 1        |
| S1        | .02500       | .02505      | .000       | .196    | .00404 | .000    | 1        |
| S2        | 3.7500       | 3.7272      | -.023      | -.609   | .54328 | .002    | 1        |
| S3        | 7.5000       | 7.5010      | .001       | .013    | 1.0930 | .002    | 1        |
| S4        | 15.000       | 14.737      | -.263      | -1.75   | 2.1469 | .002    | 1        |
| S5        | 30.000       | 30.285      | .285       | .949    | 4.4116 | .006    | 1        |

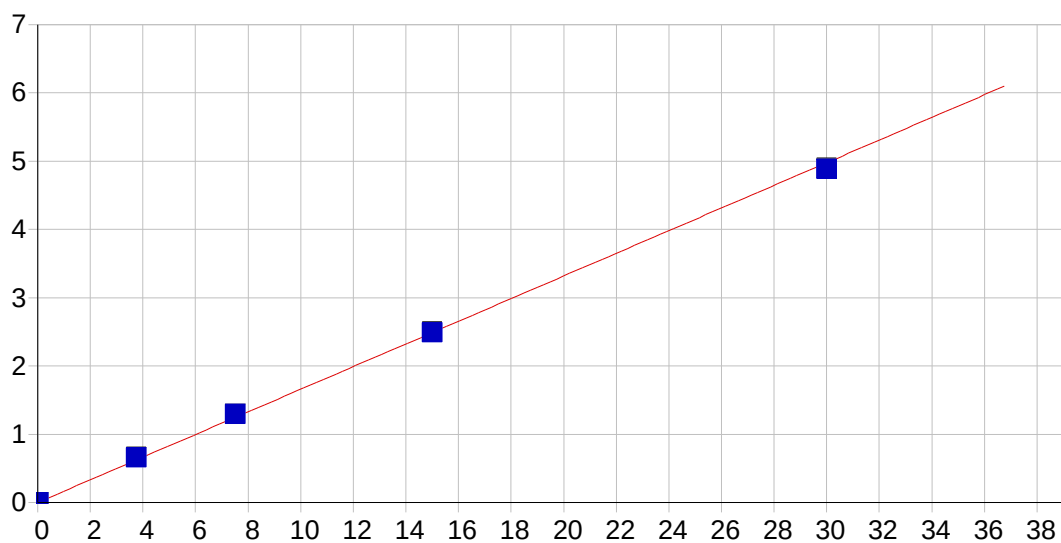


Fe 259.837 {130}

Date of Fit: 3/14/2017 03:12:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000146 Re-Slope: 1.000000  
 A1 (Gain): 0.012376 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999578 Status: OK.  
 Std Error of Est: 0.000157  
 Predicted MDL: 0.016837  
 Predicted MQL: 0.056124

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00002     | .000       | .000    | .00015 | .000    | 1        |
| S1        | .10000       | .10091      | .001       | .911    | .00140 | .000    | 1        |
| S2        | 37.500       | 41.049      | 3.55       | 9.46    | .50874 | .001    | 1        |
| S3        | 75.000       | 80.876      | 5.88       | 7.83    | 1.0022 | .003    | 1        |
| S4        | 150.00       | 153.85      | 3.85       | 2.57    | 1.9065 | .003    | 1        |
| S5        | 300.00       | 300.97      | .974       | .325    | 3.7295 | .003    | 1        |
| S6        | 800.00       | 785.74      | -14.3      | -1.78   | 9.7297 | .009    | 1        |

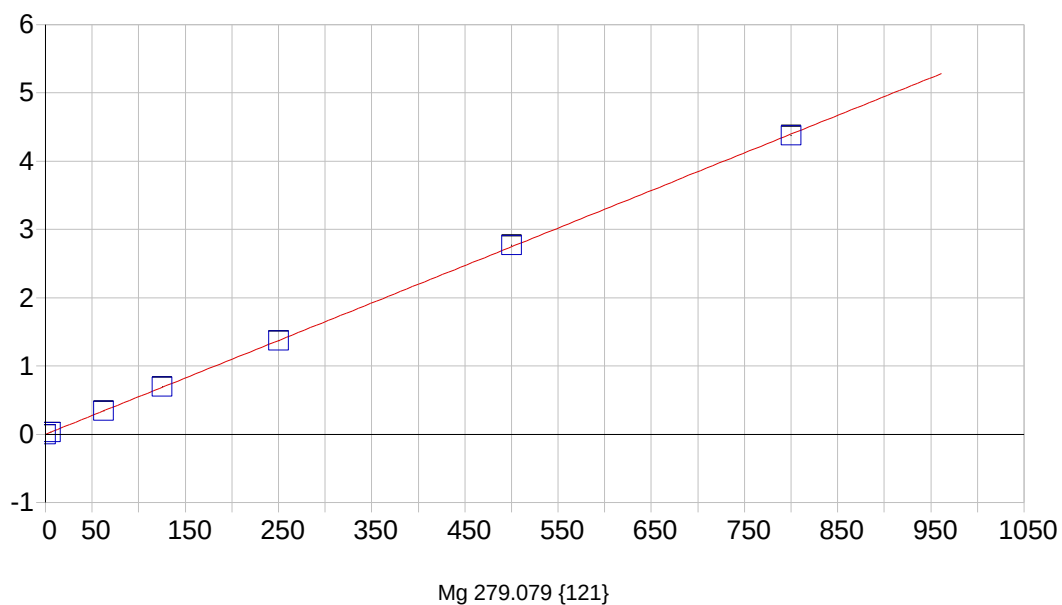


Mn 257.610 {131}

Date of Fit: 3/14/2017 03:12:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000115 Re-Slope: 1.000000  
 A1 (Gain): 0.165923 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999663 Status: OK.  
 Std Error of Est: 0.000153  
 Predicted MDL: 0.001092  
 Predicted MQL: 0.003640

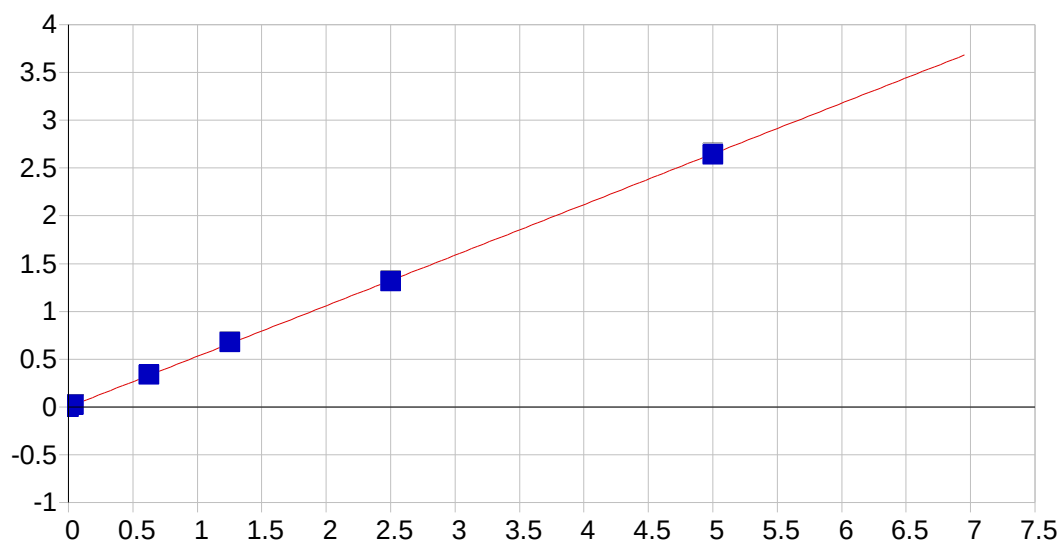
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00011 | .000    | 1        |
| S1        | .01500       | .01578      | .001       | 5.17    | .00273 | .000    | 1        |
| S2        | 3.7500       | 3.9780      | .228       | 6.08    | .66029 | .003    | 1        |
| S3        | 7.5000       | 7.8217      | .322       | 4.29    | 1.2982 | .002    | 1        |
| S4        | 15.000       | 15.005      | .005       | .036    | 2.4904 | .007    | 1        |
| S5        | 30.000       | 29.444      | -.556      | -1.85   | 4.8867 | .012    | 1        |



Date of Fit: 3/14/2017 03:12:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000307 Re-Slope: 1.000000  
 A1 (Gain): 0.005495 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999981 Status: OK.  
 Std Error of Est: 0.000117  
 Predicted MDL: 0.041820  
 Predicted MQL: 0.139401

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00009      | .000       | .000    | -.00031 | .000    | 1        |
| S1        | 5.0000       | 4.9035      | -.096      | -1.93   | .02664  | .000    | 1        |
| S2        | 62.500       | 62.024      | -.476      | -.761   | .34052  | .002    | 1        |
| S3        | 125.00       | 126.03      | 1.03       | .826    | .69224  | .000    | 1        |
| S4        | 250.00       | 249.68      | -.322      | -.129   | 1.3717  | .002    | 1        |
| S5        | 500.00       | 503.90      | 3.90       | .780    | 2.7686  | .008    | 1        |
| S6        | 800.00       | 795.96      | -4.04      | -.505   | 4.3735  | .008    | 1        |



Ni 231.604 {446}

Date of Fit: 3/14/2017 03:12:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000429

Re-Slope: 1.000000

A1 (Gain): 0.529678

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999948

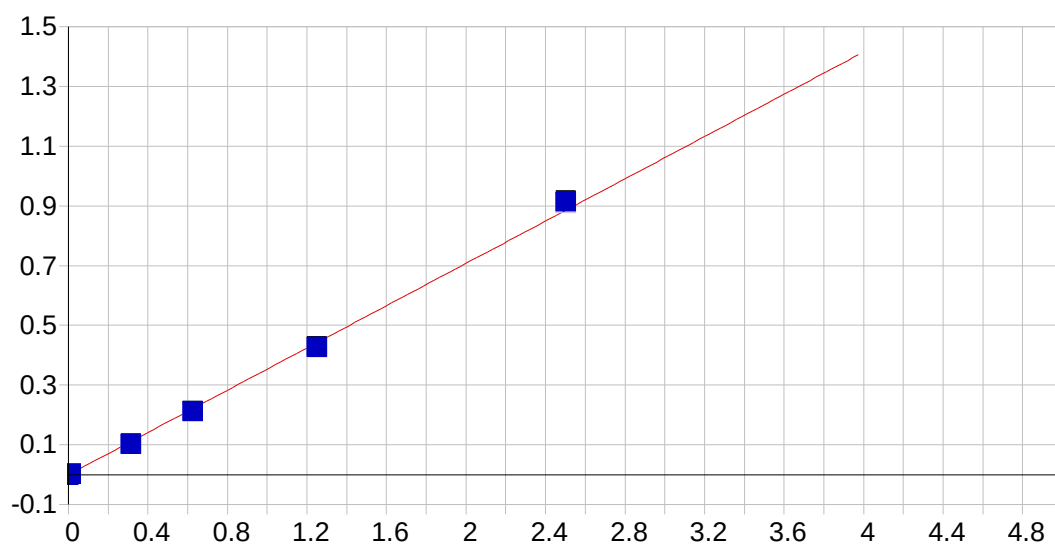
Status: OK.

Std Error of Est: 0.000129

Predicted MDL: 0.000637

Predicted MQL: 0.002124

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00043 | .000    | 1        |
| S1        | .04000       | .03955      | .000       | -1.12   | .02055  | .000    | 1        |
| S2        | .62500       | .63398      | .009       | 1.44    | .33712  | .000    | 1        |
| S3        | 1.2500       | 1.2785      | .028       | 2.28    | .68024  | .001    | 1        |
| S4        | 2.5000       | 2.4818      | -.018      | -.728   | 1.3211  | .001    | 1        |
| S5        | 5.0000       | 4.9812      | -.019      | -.377   | 2.6519  | .003    | 1        |

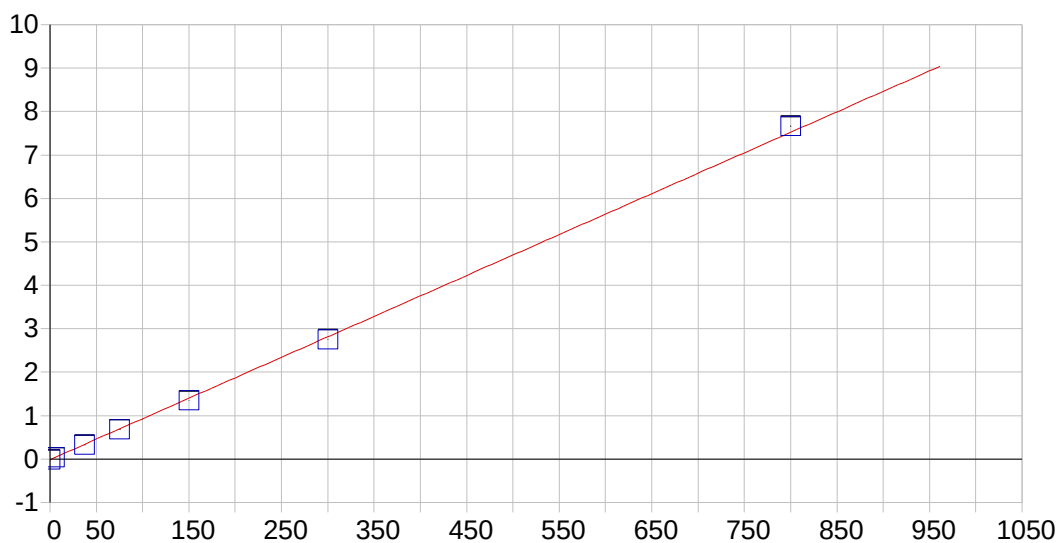


Ag 328.068 {103}

Date of Fit: 3/14/2017 03:12:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000505 Re-Slope: 1.000000  
 A1 (Gain): 0.353946 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999320 Status: OK.  
 Std Error of Est: 0.000109  
 Predicted MDL: 0.000349  
 Predicted MQL: 0.001165

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00050 | .000    | 1        |
| S1        | .01000       | .00967      | .000       | -3.29   | .00291  | .000    | 1        |
| S2        | .31250       | .29212      | -.020      | -6.52   | .10213  | .000    | 1        |
| S3        | .62500       | .60091      | -.024      | -3.85   | .21067  | .001    | 1        |
| S4        | 1.2500       | 1.2109      | -.039      | -3.13   | .42508  | .001    | 1        |
| S5        | 2.5000       | 2.5839      | .084       | 3.35    | .90801  | .003    | 1        |



Na 818.326 { 41}

Date of Fit: 3/14/2017 03:12:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.012042

Re-Slope: 1.000000

A1 (Gain): 0.009418

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999730

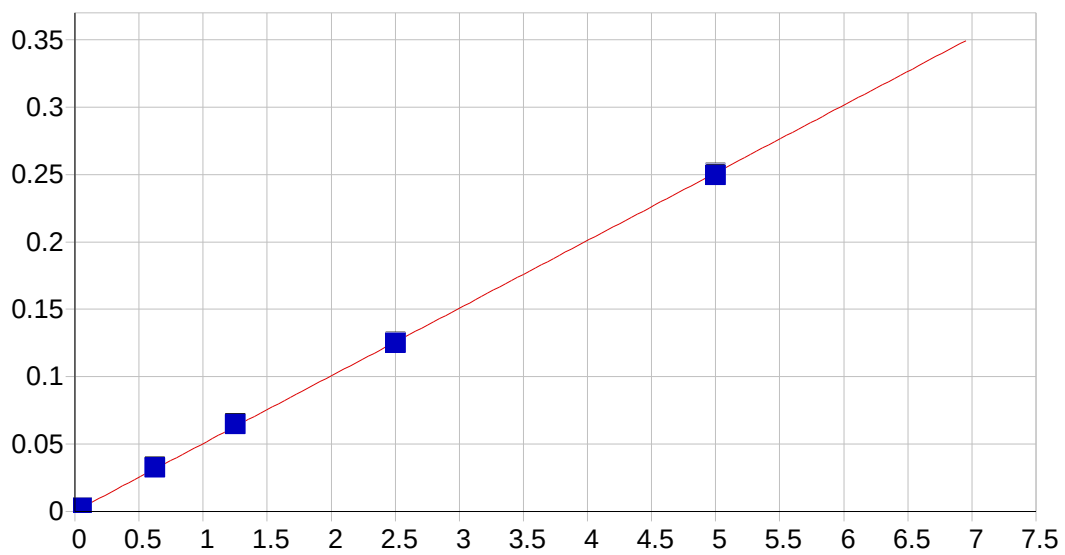
Status: OK.

Std Error of Est: 0.000676

Predicted MDL: 0.132689

Predicted MQL: 0.442298

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00052      | .001       | .000    | -.01204 | .001    | 1        |
| S1        | 5.0000       | 4.9570      | -.043      | -.860   | .03464  | .002    | 1        |
| S2        | 37.500       | 36.325      | -1.18      | -3.13   | .33005  | .002    | 1        |
| S3        | 75.000       | 73.279      | -1.72      | -2.29   | .67807  | .002    | 1        |
| S4        | 150.00       | 143.91      | -6.09      | -4.06   | 1.3433  | .002    | 1        |
| S5        | 300.00       | 293.85      | -6.15      | -2.05   | 2.7553  | .005    | 1        |
| S6        | 800.00       | 815.18      | 15.2       | 1.90    | 7.6649  | .010    | 1        |



V 292.402 {115}

Date of Fit: 3/14/2017 03:12:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000232

Re-Slope: 1.000000

A1 (Gain): 0.050210

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999907

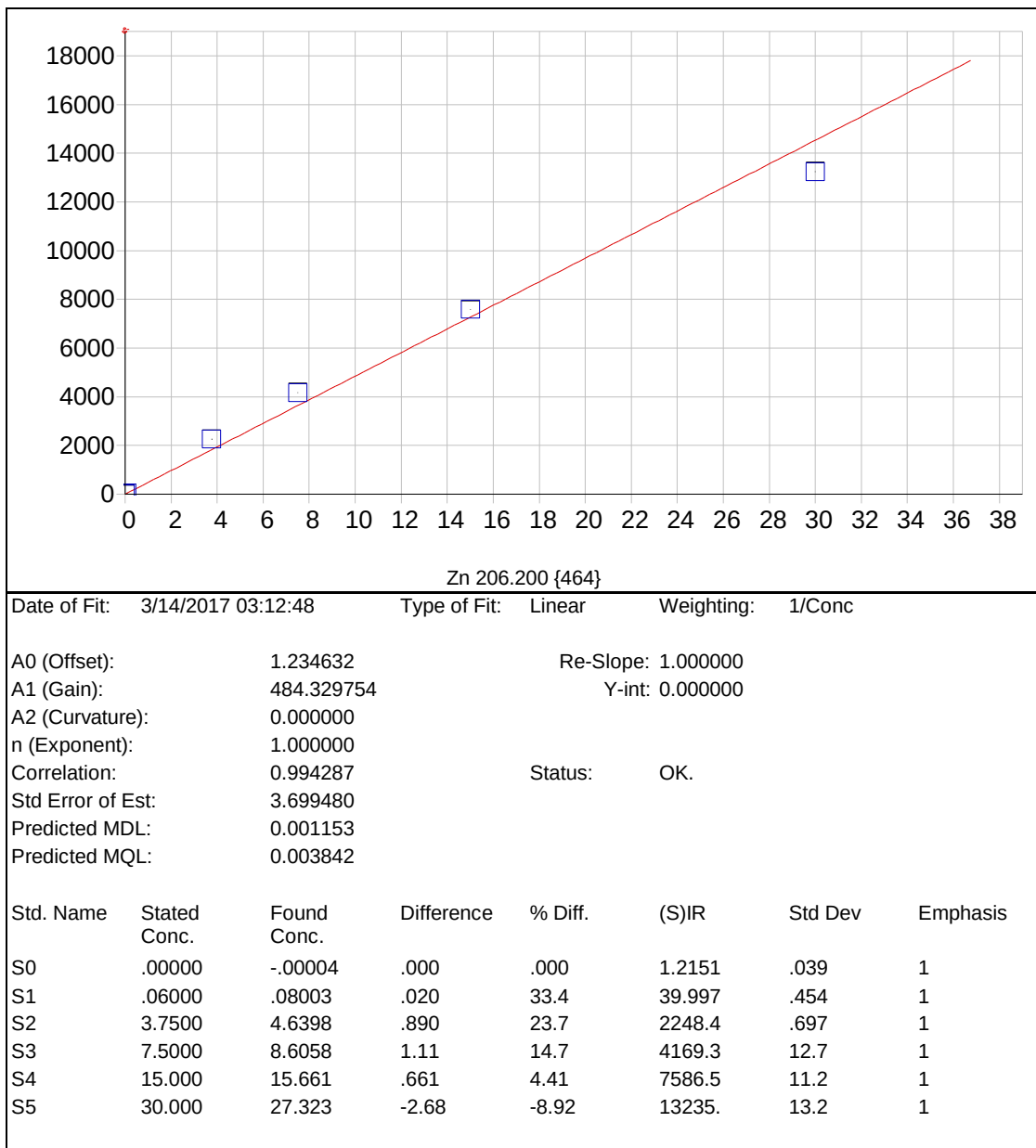
Status: OK.

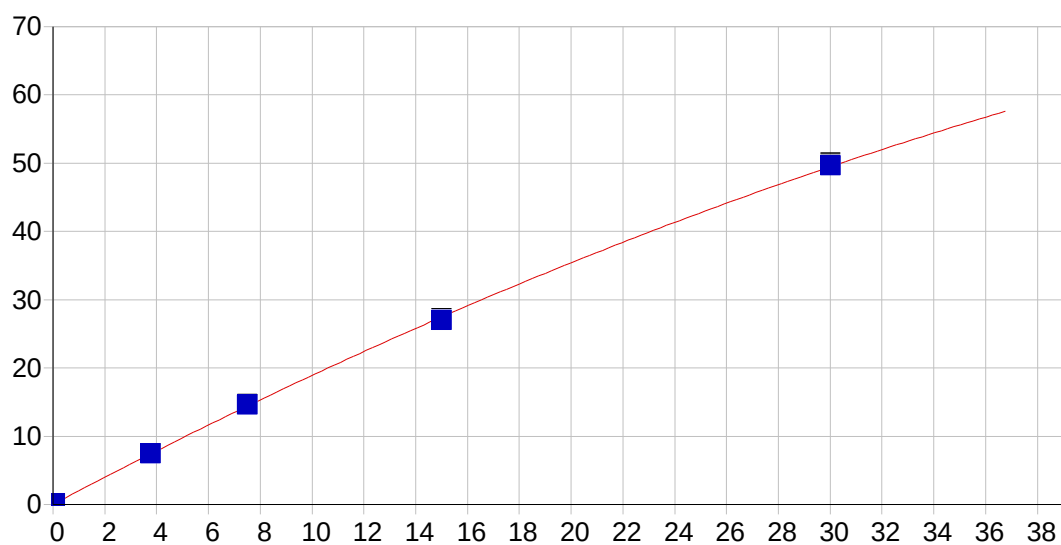
Std Error of Est: 0.000018

Predicted MDL: 0.004383

Predicted MQL: 0.014610

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00023 | .000    | 1        |
| S1        | .05000       | .04805      | -.002      | -3.90   | .00265 | .000    | 1        |
| S2        | .62500       | .64455      | .020       | 3.13    | .03272 | .000    | 1        |
| S3        | 1.2500       | 1.2809      | .031       | 2.47    | .06481 | .000    | 1        |
| S4        | 2.5000       | 2.4839      | -.016      | -.644   | .12547 | .000    | 1        |
| S5        | 5.0000       | 4.9676      | -.032      | -.648   | .25069 | .000    | 1        |



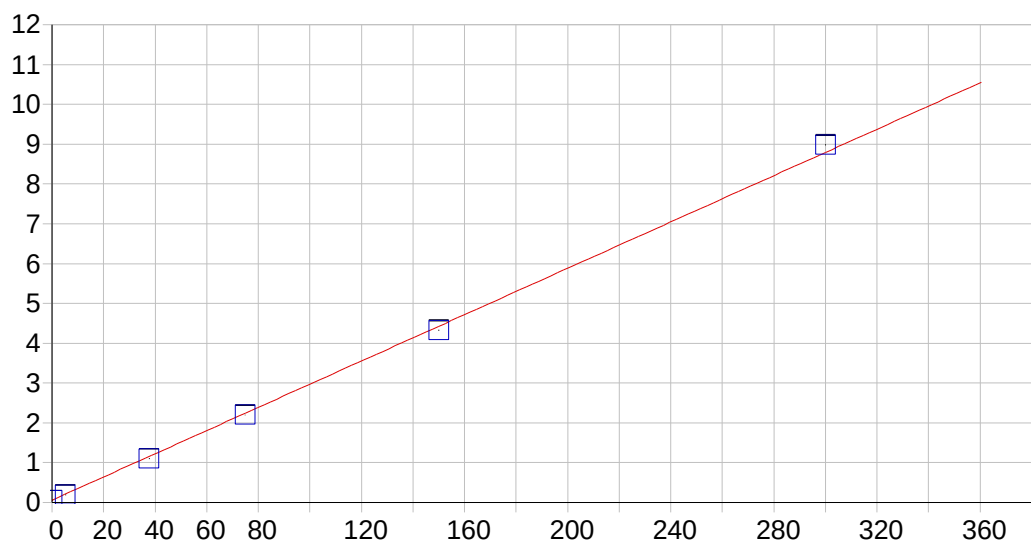


Zn 213.856 {158}

Date of Fit: 3/14/2017 03:12:48 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.004217 Re-Slope: 1.000000  
 A1 (Gain): 2.012812 Y-int: 0.000000  
 A2 (Curvature): -0.012124  
 n (Exponent): 1.000000  
 Correlation: 0.999942 Status: OK.  
 Std Error of Est: 0.001562  
 Predicted MDL: 0.000796  
 Predicted MQL: 0.002653

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00422 | .002    | 1        |
| S1        | .06000       | .06027      | .000       | .456    | .12595 | .002    | 1        |
| S2        | 3.7500       | 3.7844      | .034       | .917    | 7.4660 | .026    | 1        |
| S3        | 7.5000       | 7.6151      | .115       | 1.53    | 14.665 | .031    | 1        |
| S4        | 15.000       | 14.738      | -.262      | -1.75   | 27.108 | .170    | 1        |
| S5        | 30.000       | 30.121      | .121       | .403    | 49.777 | .272    | 1        |



K 769.896 { 44}

Date of Fit: 3/14/2017 03:12:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.059951

Re-Slope: 1.000000

A1 (Gain): 0.029109

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999706

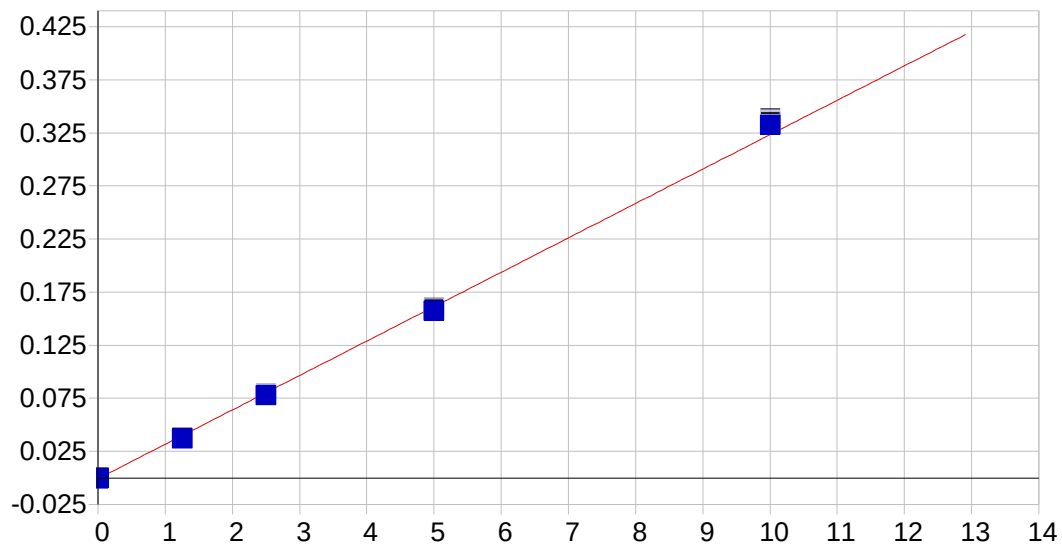
Status: OK.

Std Error of Est: 0.001454

Predicted MDL: 0.039325

Predicted MQL: 0.131082

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00067      | .001       | .000    | .05997 | .001    | 1        |
| S1        | 5.0000       | 4.6287      | -.371      | -7.43   | .19468 | .002    | 1        |
| S2        | 37.500       | 36.000      | -1.50      | -4.00   | 1.1079 | .001    | 1        |
| S3        | 75.000       | 73.541      | -1.46      | -1.95   | 2.2006 | .004    | 1        |
| S4        | 150.00       | 146.72      | -3.28      | -2.19   | 4.3308 | .012    | 1        |
| S5        | 300.00       | 306.61      | 6.61       | 2.20    | 8.9849 | .009    | 1        |



P 177.495 {490}

Date of Fit: 3/14/2017 03:12:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000693

Re-Slope: 1.000000

A1 (Gain): 0.032401

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999450

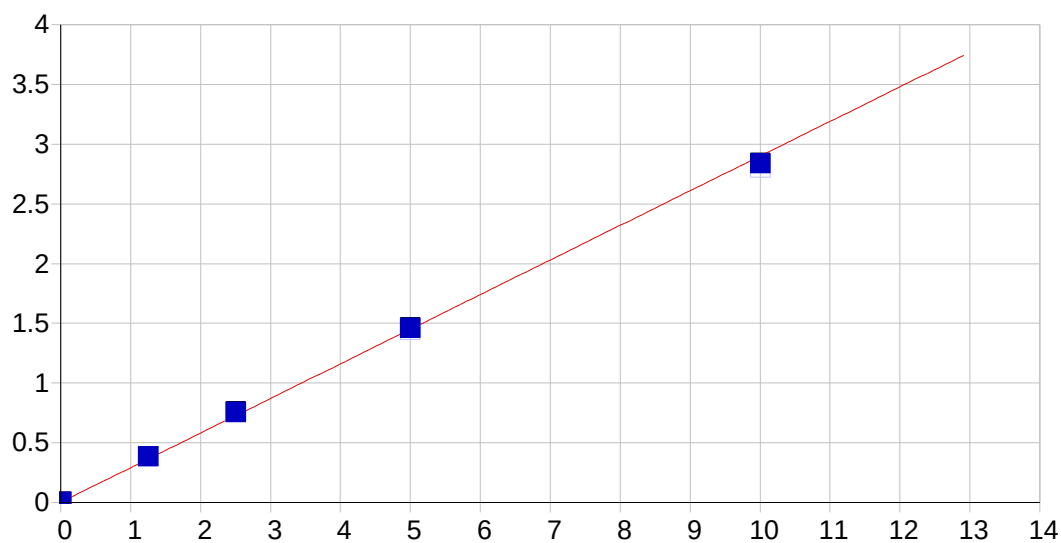
Status: OK.

Std Error of Est: 0.000018

Predicted MDL: 0.006460

Predicted MQL: 0.021532

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00069 | .000    | 1        |
| S1        | .01000       | .01339      | .003       | 33.9    | -.00025 | .000    | 1        |
| S2        | 1.2500       | 1.1601      | -.090      | -7.19   | .03742  | .000    | 1        |
| S3        | 2.5000       | 2.4225      | -.077      | -3.10   | .07885  | .000    | 1        |
| S4        | 5.0000       | 4.8780      | -.122      | -2.44   | .15945  | .001    | 1        |
| S5        | 10.000       | 10.286      | .286       | 2.86    | .33678  | .001    | 1        |

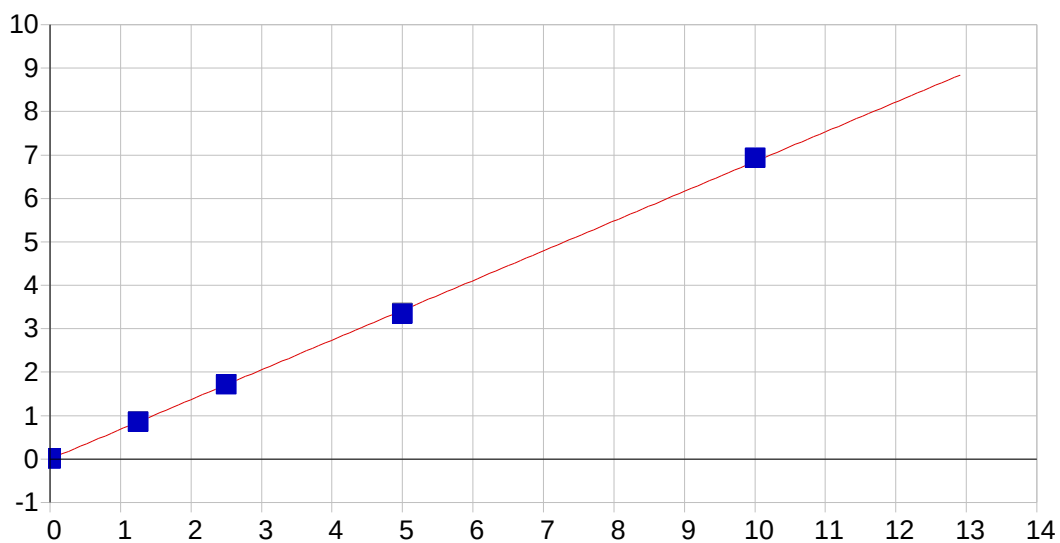


B 249.678 {135}

Date of Fit: 3/14/2017 03:12:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001307 Re-Slope: 1.000000  
 A1 (Gain): 0.289854 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999620 Status: OK.  
 Std Error of Est: 0.000132  
 Predicted MDL: 0.001550  
 Predicted MQL: 0.005168

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00131 | .000    | 1        |
| S1        | .01000       | .00906      | -.001      | -9.37   | .00394 | .001    | 1        |
| S2        | 1.2500       | 1.3189      | .069       | 5.51    | .37905 | .001    | 1        |
| S3        | 2.5000       | 2.6108      | .111       | 4.43    | .74898 | .004    | 1        |
| S4        | 5.0000       | 5.0401      | .040       | .802    | 1.4441 | .002    | 1        |
| S5        | 10.000       | 9.7812      | -.219      | -2.19   | 2.8001 | .008    | 1        |

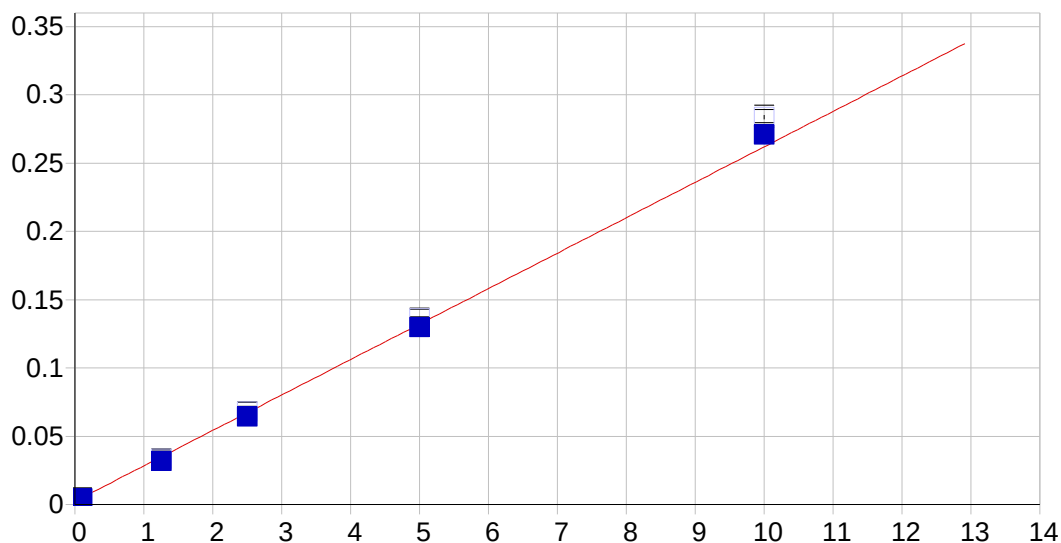


Mo 202.030 {467}

Date of Fit: 3/14/2017 03:12:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000444 Re-Slope: 1.000000  
 A1 (Gain): 0.684883 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999883 Status: OK.  
 Std Error of Est: 0.000176  
 Predicted MDL: 0.000666  
 Predicted MQL: 0.002219

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00044 | .000    | 1        |
| S1        | .01000       | .01070      | .001       | 7.04    | .00690  | .000    | 1        |
| S2        | 1.2500       | 1.2429      | -.007      | -.570   | .85156  | .003    | 1        |
| S3        | 2.5000       | 2.4989      | -.001      | -.043   | 1.7126  | .005    | 1        |
| S4        | 5.0000       | 4.8825      | -.118      | -2.35   | 3.3466  | .007    | 1        |
| S5        | 10.000       | 10.125      | .125       | 1.25    | 6.9402  | .006    | 1        |

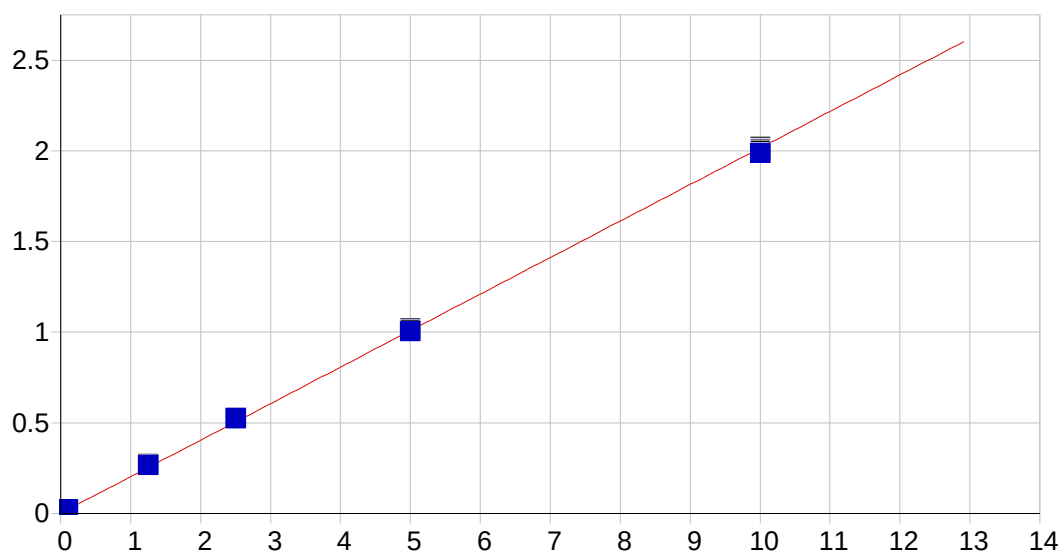


S 182.034 {485}

Date of Fit: 3/14/2017 03:12:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002311 Re-Slope: 1.000000  
 A1 (Gain): 0.025961 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999232 Status: OK.  
 Std Error of Est: 0.000057  
 Predicted MDL: 0.009198  
 Predicted MQL: 0.030659

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00003      | .000       | .000    | .00231 | .000    | 1        |
| S1        | .10000       | .08274      | -.017      | -17.3   | .00446 | .000    | 1        |
| S2        | 1.2500       | 1.1308      | -.119      | -9.54   | .03332 | .000    | 1        |
| S3        | 2.5000       | 2.3941      | -.106      | -4.24   | .06776 | .000    | 1        |
| S4        | 5.0000       | 4.9051      | -.095      | -1.90   | .13625 | .000    | 1        |
| S5        | 10.000       | 10.337      | .337       | 3.37    | .28386 | .002    | 1        |

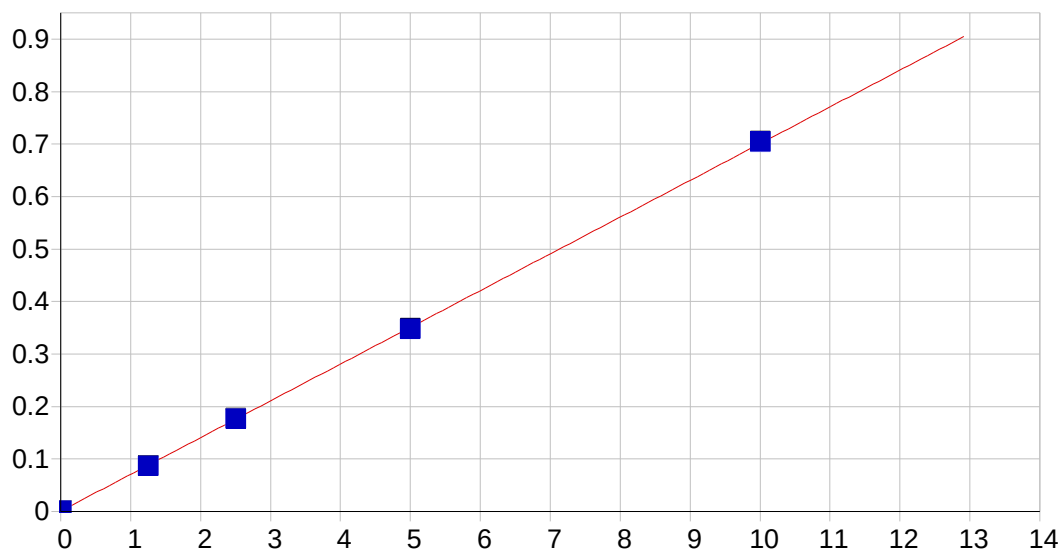


Si 251.611 {134}

Date of Fit: 3/14/2017 03:12:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001331 Re-Slope: 1.000000  
 A1 (Gain): 0.201429 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999775 Status: OK.  
 Std Error of Est: 0.000230  
 Predicted MDL: 0.001412  
 Predicted MQL: 0.004708

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | .000       | .000    | .00133 | .000    | 1        |
| S1        | .10000       | .10049      | .000       | .486    | .02164 | .000    | 1        |
| S2        | 1.2500       | 1.3197      | .070       | 5.57    | .27011 | .001    | 1        |
| S3        | 2.5000       | 2.5858      | .086       | 3.43    | .52812 | .001    | 1        |
| S4        | 5.0000       | 4.9768      | -.023      | -.463   | 1.0157 | .002    | 1        |
| S5        | 10.000       | 9.8672      | -.133      | -1.33   | 2.0126 | .008    | 1        |

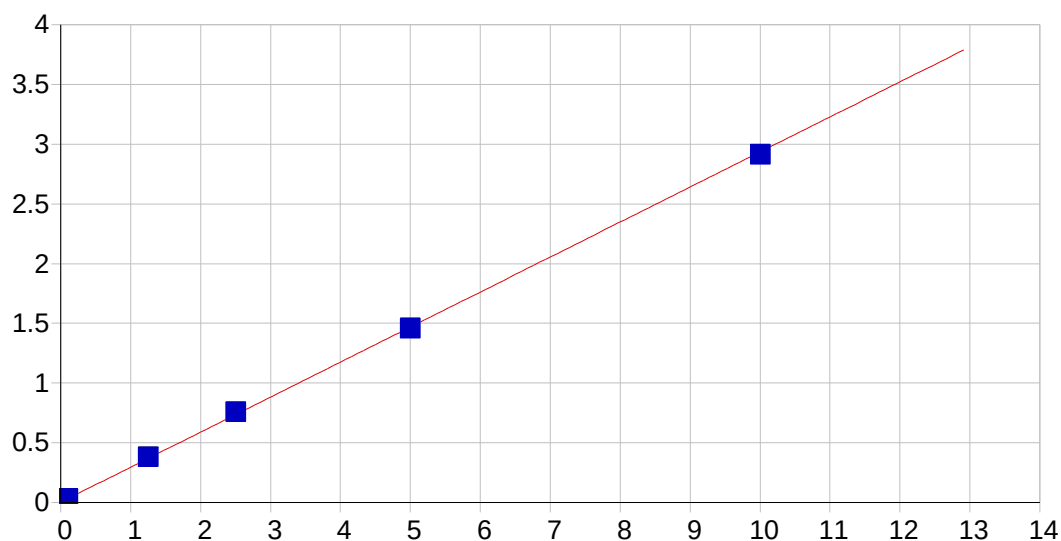


Sn 189.989 {478}

Date of Fit: 3/14/2017 03:12:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000766 Re-Slope: 1.000000  
 A1 (Gain): 0.070025 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999959 Status: OK.  
 Std Error of Est: 0.000009  
 Predicted MDL: 0.003373  
 Predicted MQL: 0.011244

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00077 | .000    | 1        |
| S1        | .00700       | .00889      | .002       | 27.0    | .00138 | .000    | 1        |
| S2        | 1.2500       | 1.2300      | -.020      | -1.60   | .08683 | .001    | 1        |
| S3        | 2.5000       | 2.5169      | .017       | .676    | .17688 | .001    | 1        |
| S4        | 5.0000       | 4.9565      | -.043      | -.869   | .34757 | .001    | 1        |
| S5        | 10.000       | 10.045      | .045       | .447    | .70360 | .002    | 1        |



Ti 336.121 {100}

Date of Fit: 3/14/2017 03:12:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.002356

Re-Slope: 1.000000

A1 (Gain): 0.293233

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999878

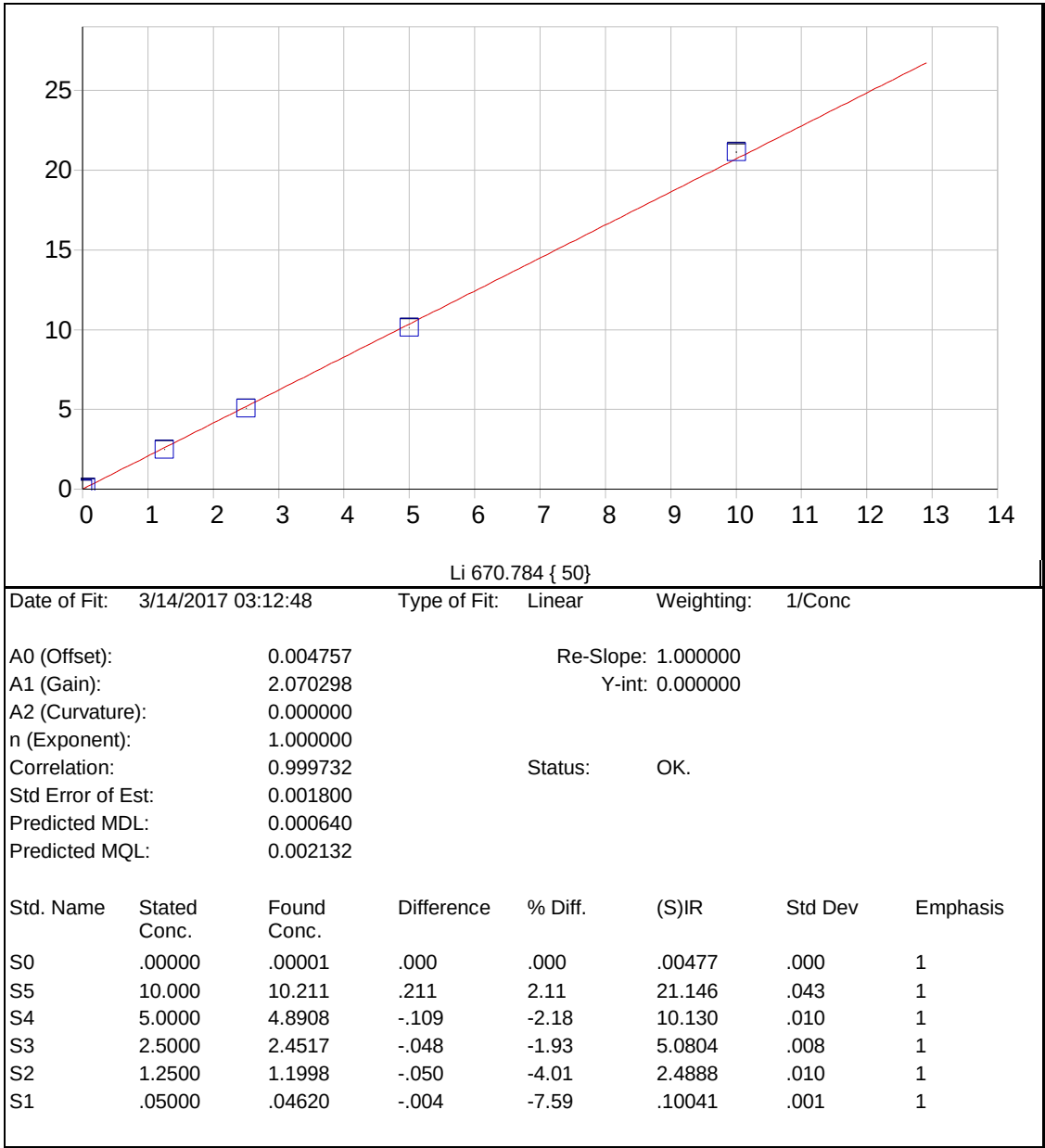
Status: OK.

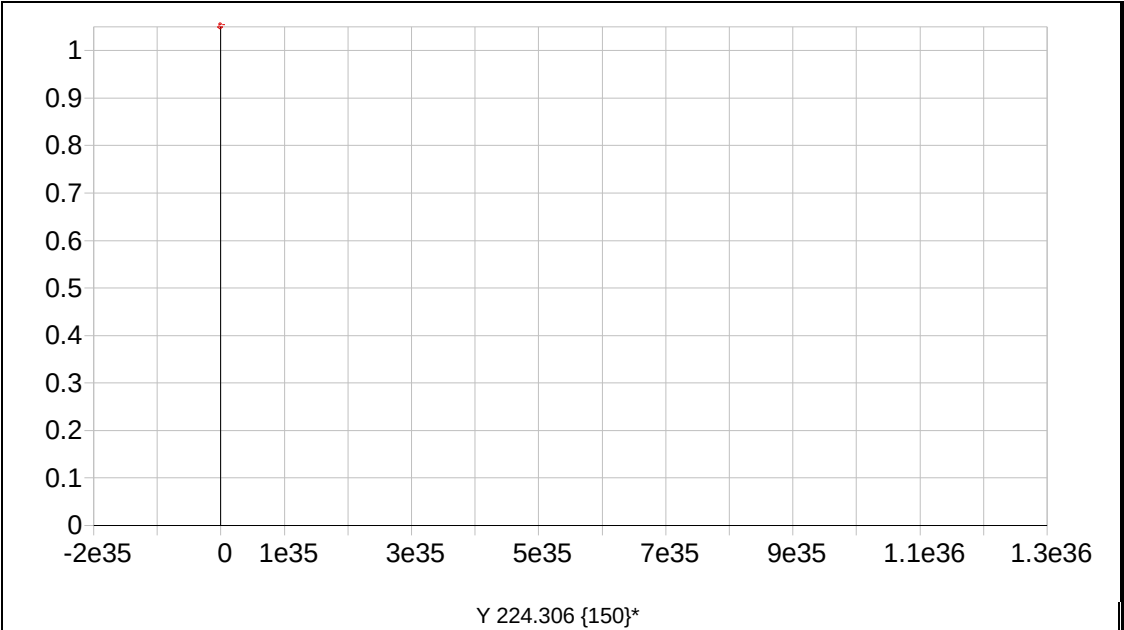
Std Error of Est: 0.000244

Predicted MDL: 0.001156

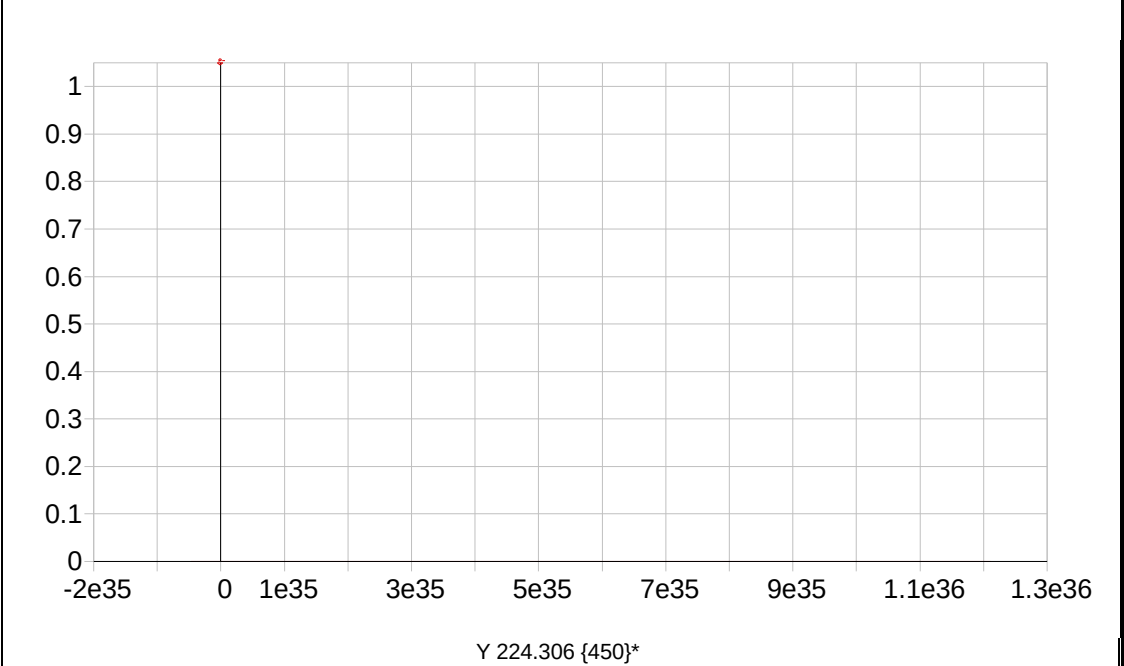
Predicted MQL: 0.003854

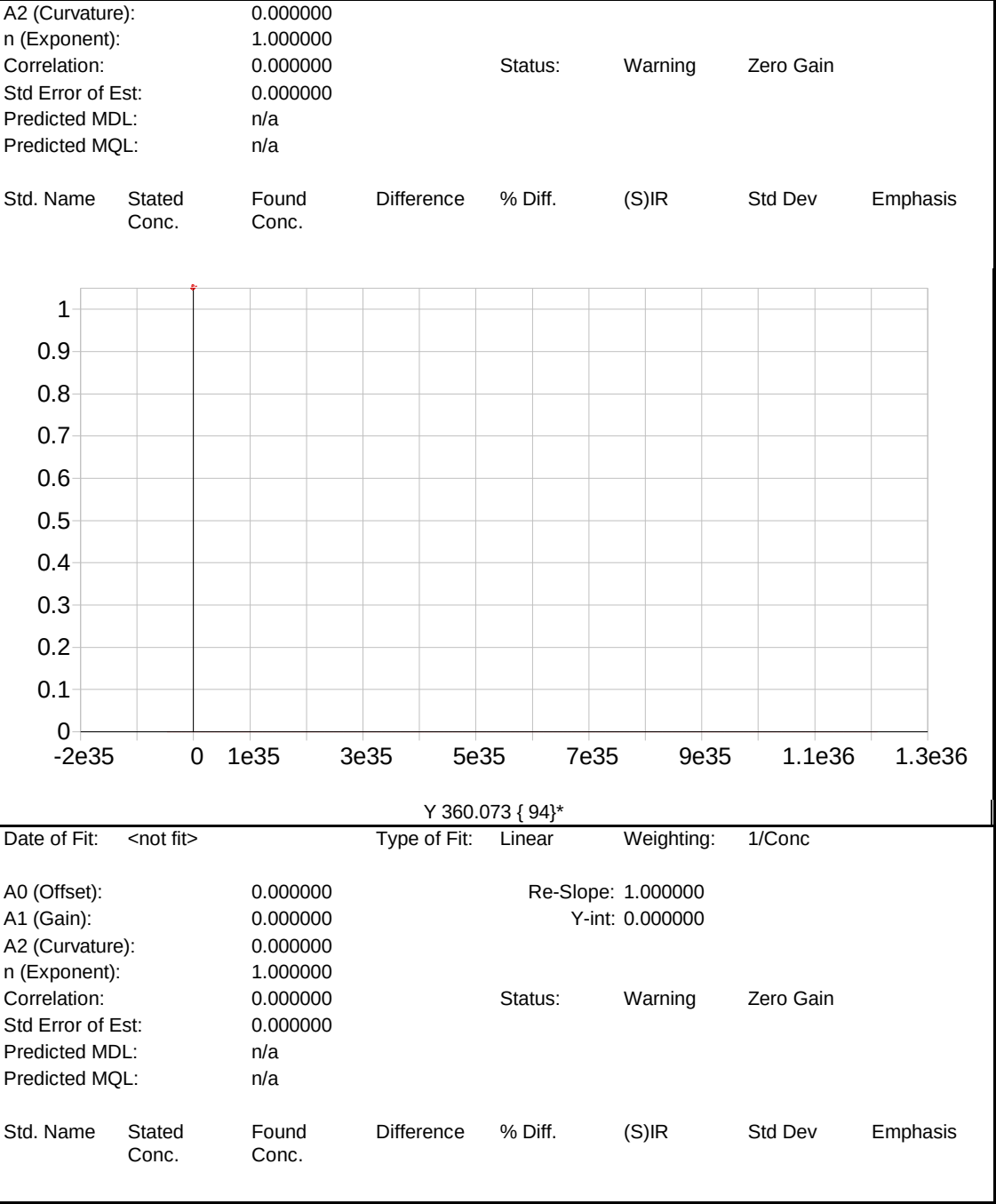
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | .000       | .000    | .00235 | .001    | 1        |
| S1        | .10000       | .10276      | .003       | 2.76    | .03248 | .000    | 1        |
| S2        | 1.2500       | 1.2902      | .040       | 3.22    | .38056 | .002    | 1        |
| S3        | 2.5000       | 2.5758      | .076       | 3.03    | .75741 | .000    | 1        |
| S4        | 5.0000       | 4.9633      | -.037      | -.734   | 1.4573 | .002    | 1        |
| S5        | 10.000       | 9.9180      | -.082      | -.820   | 2.9096 | .003    | 1        |

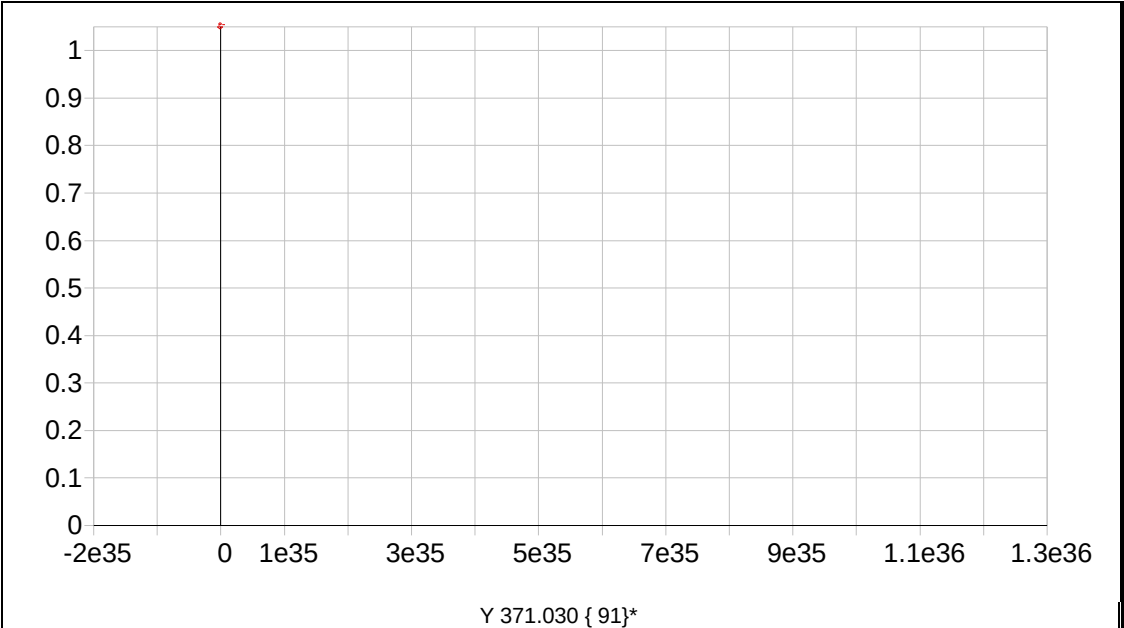




| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|-------|---------|----------|
|-----------|--------------|-------------|------------|---------|-------|---------|----------|

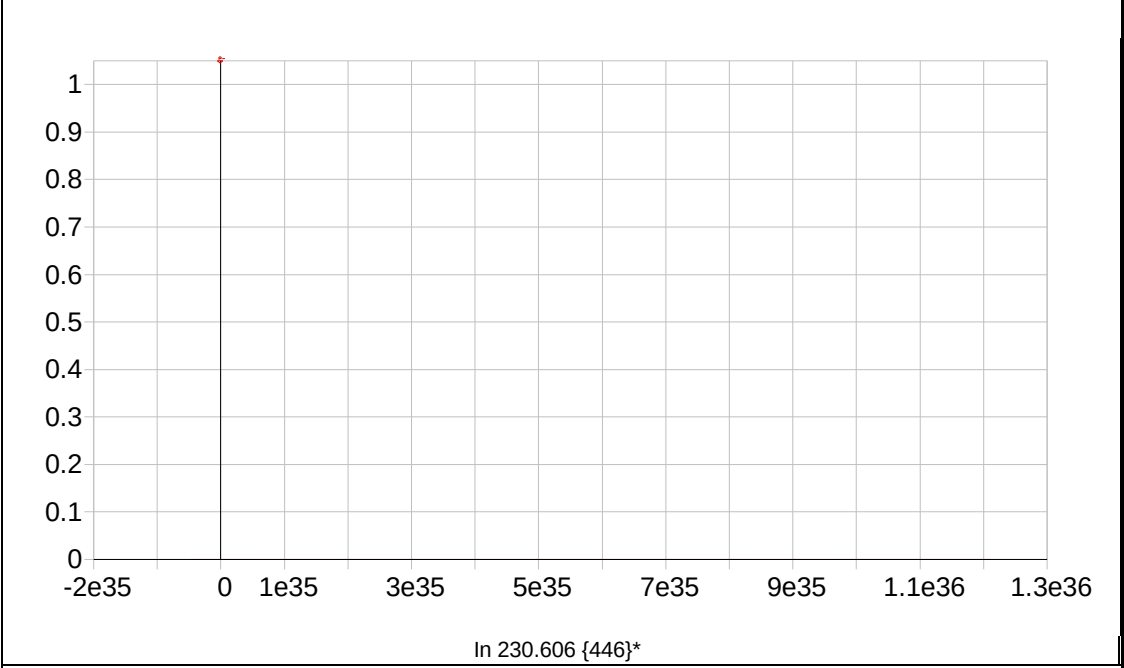




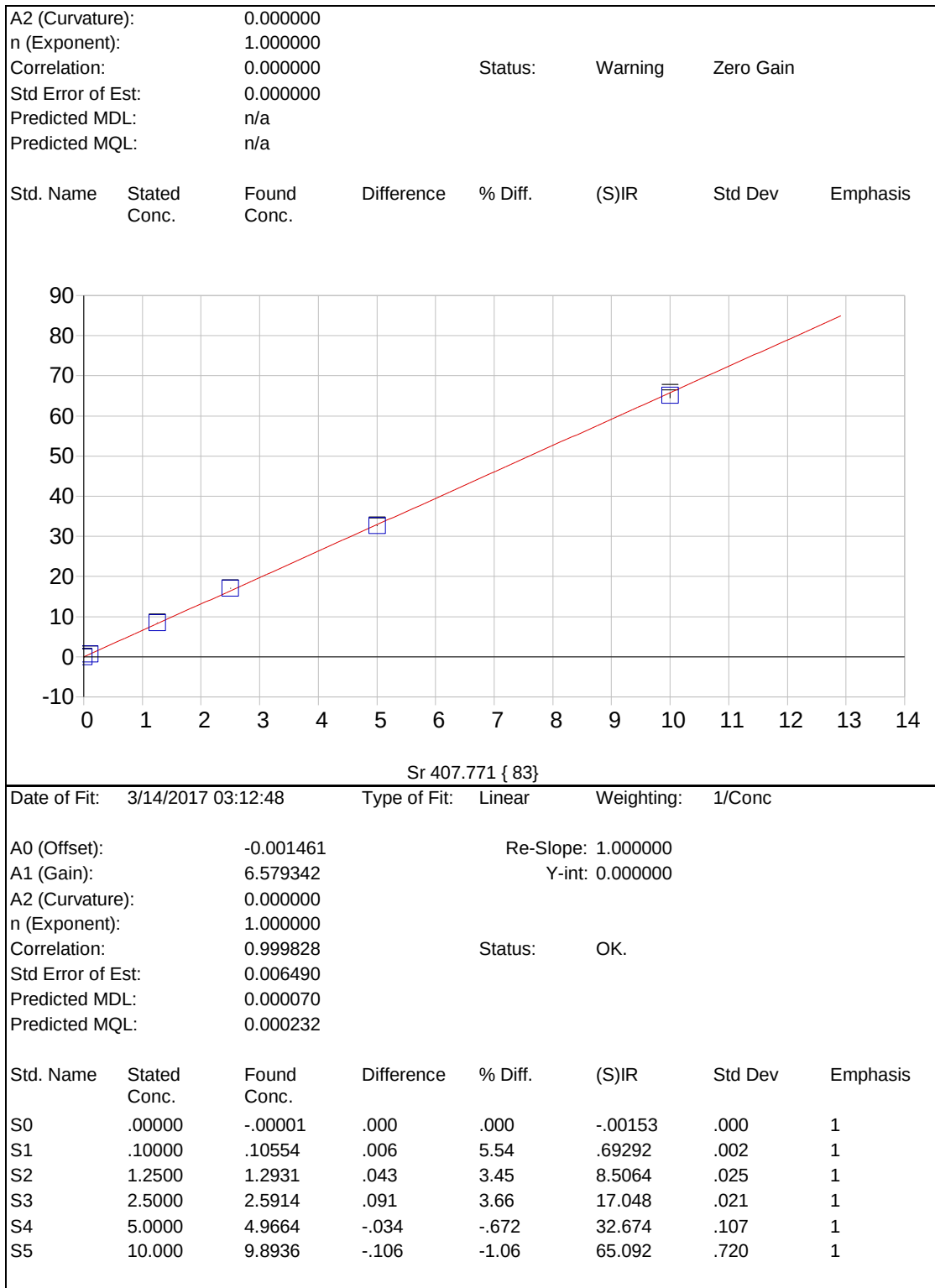


|                   |          |                           |
|-------------------|----------|---------------------------|
| A0 (Offset):      | 0.000000 | Re-Slope: 1.000000        |
| A1 (Gain):        | 0.000000 | Y-int: 0.000000           |
| A2 (Curvature):   | 0.000000 |                           |
| 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: 3/11/2017 12:39:03      Type: Cal  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      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    | -.00135 | -.00024 | -.00031 | .00104 | .00093 | -.00019 | -.02237 | -.00072 |
| Stddev | .00023  | .00025  | .00005  | .00027 | .00020 | .00059  | .00088  | .00008  |
| %RSD   | 17.143  | 103.30  | 14.480  | 25.782 | 21.761 | 318.46  | 3.9160  | 10.961  |

|    |         |         |         |        |        |         |         |         |
|----|---------|---------|---------|--------|--------|---------|---------|---------|
| #1 | -.00114 | -.00048 | -.00026 | .00091 | .00070 | -.00029 | -.02240 | -.00076 |
| #2 | -.00131 | -.00026 | -.00034 | .00087 | .00103 | -.00072 | -.02149 | -.00078 |
| #3 | -.00159 | .00002  | -.00034 | .00135 | .00107 | .00045  | -.02324 | -.00063 |

|        |        |        |        |         |        |        |        |         |
|--------|--------|--------|--------|---------|--------|--------|--------|---------|
| 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    | .00031 | .00204 | .00004 | -.00078 | .00041 | .00015 | .00011 | -.00031 |
| Stddev | .00018 | .00016 | .00010 | .00008  | .00020 | .00006 | .00011 | .00005  |
| %RSD   | 59.829 | 7.9783 | 232.55 | 10.297  | 48.006 | 38.552 | 98.203 | 17.125  |

|    |        |        |         |         |        |        |         |         |
|----|--------|--------|---------|---------|--------|--------|---------|---------|
| #1 | .00020 | .00217 | .00015  | -.00069 | .00055 | .00014 | -.00002 | -.00031 |
| #2 | .00052 | .00186 | -.00004 | -.00085 | .00050 | .00009 | .00018  | -.00025 |
| #3 | .00020 | .00210 | .00002  | -.00080 | .00018 | .00020 | .00018  | -.00036 |

|        |         |         |         |        |        |        |         |        |
|--------|---------|---------|---------|--------|--------|--------|---------|--------|
| 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    | -.00043 | -.00050 | -.01204 | .00023 | .00422 | .05997 | -.00069 | .00131 |
| Stddev | .00013  | .00002  | .00083  | .00009 | .00156 | .00095 | .00005  | .00014 |
| %RSD   | 29.220  | 3.5340  | 6.8790  | 38.732 | 37.118 | 1.5770 | 7.8791  | 10.801 |

|    |         |         |         |        |        |        |         |        |
|----|---------|---------|---------|--------|--------|--------|---------|--------|
| #1 | -.00052 | -.00053 | -.01187 | .00033 | .00383 | .06017 | -.00074 | .00135 |
| #2 | -.00029 | -.00049 | -.01131 | .00016 | .00594 | .05894 | -.00070 | .00115 |
| #3 | -.00049 | -.00049 | -.01294 | .00020 | .00288 | .06080 | -.00063 | .00142 |

|        |         |        |        |        |        |        |         |  |
|--------|---------|--------|--------|--------|--------|--------|---------|--|
| 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    | -.00044 | .00231 | .00133 | .00077 | .00235 | .00477 | -.00153 |  |
| Stddev | .00039  | .00007 | .00016 | .00014 | .00054 | .00040 | .00029  |  |
| %RSD   | 87.179  | 2.8663 | 11.837 | 18.064 | 22.999 | 8.3766 | 19.211  |  |

|    |         |        |        |        |        |        |         |  |
|----|---------|--------|--------|--------|--------|--------|---------|--|
| #1 | -.00024 | .00232 | .00145 | .00078 | .00233 | .00506 | -.00171 |  |
| #2 | -.00089 | .00237 | .00115 | .00062 | .00183 | .00431 | -.00119 |  |
| #3 | -.00020 | .00224 | .00139 | .00090 | .00291 | .00494 | -.00169 |  |

Sample Name: S0      Acquired: 3/11/2017 12:39:03      Type: Cal  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      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       | 784.38 | 1184.2 | 38355. | 7566.8 | 2103.2 |
| Stddev    | .70    | 3.8    | 36.    | 30.3   | 3.7    |
| %RSD      | .08929 | .32238 | .09405 | .40103 | .17548 |
| #1        | 783.94 | 1180.0 | 38328. | 7535.9 | 2099.6 |
| #2        | 784.03 | 1185.0 | 38396. | 7568.1 | 2103.0 |
| #3        | 785.19 | 1187.5 | 38342. | 7596.5 | 2107.0 |

Sample Name: S1      Acquired: 3/11/2017 12:43:15      Type: Cal  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      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    | -.00097 | .00103 | .00103 | .00319 | .01124 | .01362 | .87102 | .01207 |
| Stddev | .00034  | .00007 | .00019 | .00006 | .00011 | .00014 | .00146 | .00014 |
| %RSD   | 34.527  | 6.8456 | 18.570 | 1.9375 | .93602 | 1.0558 | .16726 | 1.1852 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | -.00124 | .00108 | .00083 | .00313 | .01118 | .01374 | .87220 | .01213 |
| #2 | -.00060 | .00105 | .00107 | .00325 | .01117 | .01346 | .87146 | .01218 |
| #3 | -.00108 | .00095 | .00121 | .00319 | .01136 | .01366 | .86939 | .01191 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .00982 | .19392 | .00173 | .03337 | .00404 | .00140 | .00273 | .02664 |
| Stddev | .00039 | .00103 | .00006 | .00008 | .00006 | .00013 | .00017 | .00026 |
| %RSD   | 3.9703 | .53275 | 3.5955 | .24228 | 1.4037 | 9.2755 | 6.1708 | .97283 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .01024 | .19503 | .00172 | .03345 | .00409 | .00149 | .00256 | .02685 |
| #2 | .00975 | .19299 | .00180 | .03328 | .00398 | .00125 | .00290 | .02635 |
| #3 | .00947 | .19375 | .00168 | .03337 | .00406 | .00147 | .00275 | .02672 |

|        |        |        |        |         |        |         |         |         |
|--------|--------|--------|--------|---------|--------|---------|---------|---------|
| 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    | .02055 | .00291 | .03464 | .00265  | .12595 | .19468  | -.00025 | .00394  |
| Stddev | .00012 | .00016 | .00166 | .00008  | .00180 | .00158  | .00010  | .00051  |
| %RSD   | .59207 | 5.6341 | 4.8013 | 3.1247  | 1.4318 | .81047  | 40.384  | 12.838  |

|    |        |        |        |        |        |        |         |        |
|----|--------|--------|--------|--------|--------|--------|---------|--------|
| #1 | .02057 | .00280 | .03315 | .00267 | .12678 | .19635 | -.00034 | .00367 |
| #2 | .02066 | .00310 | .03644 | .00256 | .12388 | .19449 | -.00014 | .00363 |
| #3 | .02042 | .00283 | .03433 | .00273 | .12719 | .19321 | -.00028 | .00453 |

|        |        |         |        |        |        |        |        |  |
|--------|--------|---------|--------|--------|--------|--------|--------|--|
| 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    | .00690 | .00446  | .02164 | .00138 | .03248 | .10041 | .69292 |  |
| Stddev | .00030 | .00028  | .00011 | .00020 | .00005 | .00116 | .00169 |  |
| %RSD   | 4.3196 | 6.2025  | .52029 | 14.737 | .16778 | 1.1553 | .24374 |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | .00708 | .00468 | .02173 | .00120 | .03254 | .09927 | .69482 |  |
| #2 | .00656 | .00415 | .02152 | .00160 | .03244 | .10159 | .69232 |  |
| #3 | .00707 | .00456 | .02169 | .00134 | .03245 | .10038 | .69161 |  |

Sample Name: S1      Acquired: 3/11/2017 12:43:15      Type: Cal  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      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       | 768.98 | 1176.4 | 37729. | 7567.1 | 2084.8 |
| Stddev    | 1.88   | 2.9    | 115.   | 14.0   | 2.5    |
| %RSD      | .24491 | .24843 | .30581 | .18469 | .11838 |
| #1        | 770.69 | 1173.1 | 37658. | 7571.1 | 2082.0 |
| #2        | 766.96 | 1178.8 | 37667. | 7551.6 | 2086.5 |
| #3        | 769.28 | 1177.2 | 37862. | 7578.7 | 2086.0 |

Sample Name: S2      Acquired: 3/11/2017 12:47:26      Type: Cal  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      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    | .04930 | .06737 | .84886 | .07661 | .21668 | 2.6094 | 10.995 | .31159 |
| Stddev | .00042 | .00028 | .00235 | .00099 | .00016 | .0094  | .034   | .00099 |
| %RSD   | .85228 | .41553 | .27728 | 1.2924 | .07513 | .36136 | .30920 | .31895 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .04906 | .06707 | .84935 | .07617 | .21685 | 2.6029 | 11.004 | .31149 |
| #2 | .04906 | .06761 | .84630 | .07591 | .21668 | 2.6202 | 11.023 | .31264 |
| #3 | .04979 | .06745 | .85093 | .07774 | .21653 | 2.6052 | 10.957 | .31066 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 1.2056 | 2.4190 | .61077 | .44382 | .54328 | .50874 | .66029 | .34052 |
| Stddev | .0025  | .0071  | .00302 | .00191 | .00239 | .00099 | .00280 | .00185 |
| %RSD   | .20772 | .29245 | .49478 | .43086 | .43928 | .19536 | .42456 | .54262 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.2066 | 2.4110 | .61202 | .44336 | .54474 | .50776 | .65788 | .33838 |
| #2 | 1.2027 | 2.4244 | .61296 | .44219 | .54457 | .50975 | .66337 | .34163 |
| #3 | 1.2074 | 2.4215 | .60732 | .44593 | .54053 | .50870 | .65962 | .34154 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .33712 | .10213 | .33005 | .03272 | 7.4660 | 1.1079 | .03742 | .37905 |
| Stddev | .00022 | .00027 | .00151 | .00032 | .0256  | .0007  | .00005 | .00123 |
| %RSD   | .06474 | .26389 | .45708 | .96377 | .34273 | .06188 | .14261 | .32501 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .33713 | .10214 | .32894 | .03237 | 7.4464 | 1.1086 | .03748 | .37797 |
| #2 | .33690 | .10240 | .33177 | .03297 | 7.4566 | 1.1078 | .03738 | .38039 |
| #3 | .33734 | .10186 | .32943 | .03284 | 7.4949 | 1.1072 | .03740 | .37880 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| 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    | .85156 | .03332 | .27011 | .08683 | .38056 | 2.4888 | 8.5064 |  |
| Stddev | .00261 | .00009 | .00082 | .00056 | .00199 | .0101  | .0246  |  |
| %RSD   | .30646 | .27202 | .30444 | .64393 | .52231 | .40619 | .28942 |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | .84901 | .03340 | .26946 | .08652 | .37871 | 2.4973 | 8.5136 |  |
| #2 | .85144 | .03333 | .27104 | .08649 | .38266 | 2.4914 | 8.5266 |  |
| #3 | .85422 | .03322 | .26984 | .08747 | .38032 | 2.4776 | 8.4789 |  |

Sample Name: S2      Acquired: 3/11/2017 12:47:26      Type: Cal  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      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       | 740.91 | 1121.2 | 36749. | 7515.3 | 1894.1 |
| Stddev    | 2.01   | 2.2    | 125.   | 16.3   | 4.2    |
| %RSD      | .27086 | .19635 | .33987 | .21629 | .21931 |
| #1        | 740.99 | 1122.3 | 36646. | 7512.8 | 1892.9 |
| #2        | 742.88 | 1122.6 | 36712. | 7500.4 | 1898.8 |
| #3        | 738.86 | 1118.6 | 36888. | 7532.6 | 1890.8 |

Sample Name: S3      Acquired: 3/11/2017 12:51:23      Type: Cal  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      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    | .10172 | .13457 | 1.7186 | .15495 | .44259 | 5.2981 | 22.096 | .61722 |
| Stddev | .00025 | .00064 | .0032  | .00020 | .00115 | .0040  | .028   | .00138 |
| %RSD   | .24853 | .47865 | .18603 | .13076 | .26007 | .07588 | .12737 | .22314 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .10183 | .13518 | 1.7179 | .15472 | .44277 | 5.2987 | 22.090 | .61661 |
| #2 | .10143 | .13390 | 1.7158 | .15506 | .44364 | 5.3018 | 22.127 | .61880 |
| #3 | .10189 | .13463 | 1.7221 | .15508 | .44136 | 5.2939 | 22.072 | .61625 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 2.4291 | 4.7969 | 1.2130 | .90176 | 1.0930 | 1.0022 | 1.2982 | .69224 |
| Stddev | .0055  | .0065  | .0002  | .00243 | .0018  | .0031  | .0025  | .00036 |
| %RSD   | .22682 | .13466 | .01506 | .26954 | .16486 | .31202 | .19203 | .05193 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.4249 | 4.7984 | 1.2129 | .90155 | 1.0910 | 1.0030 | 1.2997 | .69183 |
| #2 | 2.4272 | 4.8025 | 1.2129 | .89945 | 1.0946 | 1.0049 | 1.2995 | .69249 |
| #3 | 2.4354 | 4.7898 | 1.2132 | .90429 | 1.0932 | .99875 | 1.2953 | .69242 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .68024 | .21067 | .67807 | .06481 | 14.665 | 2.2006 | .07885 | .74898 |
| Stddev | .00121 | .00054 | .00190 | .00040 | .031   | .0038  | .00014 | .00369 |
| %RSD   | .17845 | .25561 | .28008 | .61646 | .21466 | .17305 | .17168 | .49312 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .67895 | .21061 | .67684 | .06441 | 14.661 | 2.2042 | .07870 | .75292 |
| #2 | .68135 | .21017 | .68026 | .06521 | 14.636 | 2.2011 | .07897 | .74842 |
| #3 | .68043 | .21124 | .67712 | .06480 | 14.699 | 2.1966 | .07887 | .74559 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| 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    | 1.7126 | .06776 | .52812 | .17688 | .75741 | 5.0804 | 17.048 |  |
| Stddev | .0050  | .00027 | .00116 | .00086 | .00034 | .0078  | .021   |  |
| %RSD   | .29329 | .40405 | .22010 | .48488 | .04524 | .15312 | .12455 |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | 1.7149 | .06808 | .52917 | .17592 | .75747 | 5.0738 | 17.070 |  |
| #2 | 1.7160 | .06757 | .52831 | .17759 | .75771 | 5.0890 | 17.046 |  |
| #3 | 1.7068 | .06764 | .52687 | .17711 | .75704 | 5.0784 | 17.028 |  |

Sample Name: S3      Acquired: 3/11/2017 12:51:23      Type: Cal  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      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       | 700.36 | 1070.2 | 35305. | 7411.3 | 1773.6 |
| Stddev    | 1.91   | 3.5    | 43.    | 27.2   | 1.3    |
| %RSD      | .27287 | .32423 | .12121 | .36756 | .07256 |
|           |        |        |        |        |        |
| #1        | 698.44 | 1067.8 | 35264. | 7385.2 | 1772.2 |
| #2        | 702.26 | 1068.6 | 35349. | 7409.2 | 1774.7 |
| #3        | 700.37 | 1074.2 | 35303. | 7439.5 | 1774.0 |

Sample Name: S4      Acquired: 3/11/2017 12:55:18      Type: Cal  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      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    | .20541 | .25489 | 3.3285 | .30378 | .88853 | 10.551 | 42.378 | 1.1994 |
| Stddev | .00059 | .00031 | .0053  | .00012 | .00372 | .013   | .439   | .0039  |
| %RSD   | .28642 | .12108 | .15819 | .03832 | .41835 | .11993 | 1.0348 | .32106 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .20609 | .25504 | 3.3260 | .30391 | .89272 | 10.559 | 42.061 | 1.1978 |
| #2 | .20509 | .25453 | 3.3345 | .30372 | .88725 | 10.536 | 42.195 | 1.1966 |
| #3 | .20504 | .25510 | 3.3249 | .30370 | .88562 | 10.558 | 42.878 | 1.2038 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 4.7017 | 9.3306 | 2.3289 | 1.7726 | 2.1469 | 1.9065 | 2.4904 | 1.3717 |
| Stddev | .0048  | .0120  | .0054  | .0037  | .0024  | .0030  | .0067  | .0018  |
| %RSD   | .10273 | .12830 | .23252 | .20900 | .11032 | .15789 | .27096 | .13285 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 4.6993 | 9.3345 | 2.3248 | 1.7692 | 2.1449 | 1.9059 | 2.4902 | 1.3713 |
| #2 | 4.7073 | 9.3172 | 2.3268 | 1.7765 | 2.1462 | 1.9037 | 2.4837 | 1.3701 |
| #3 | 4.6986 | 9.3401 | 2.3350 | 1.7722 | 2.1495 | 1.9097 | 2.4972 | 1.3736 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 1.3211 | .42508 | 1.3433 | .12547 | 27.108 | 4.3308 | .15945 | 1.4441 |
| Stddev | .0005  | .00052 | .0016  | .00027 | .170   | .0118  | .00056 | .0017  |
| %RSD   | .03802 | .12193 | .11628 | .21532 | .62682 | .27332 | .35111 | .11825 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.3216 | .42486 | 1.3435 | .12563 | 27.272 | 4.3250 | .15998 | 1.4453 |
| #2 | 1.3207 | .42471 | 1.3416 | .12516 | 27.121 | 4.3444 | .15887 | 1.4421 |
| #3 | 1.3210 | .42567 | 1.3447 | .12561 | 26.933 | 4.3230 | .15952 | 1.4448 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| 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    | 3.3466 | .13625 | 1.0157 | .34757 | 1.4573 | 10.130 | 32.674 |  |
| Stddev | .0074  | .00042 | .0024  | .00113 | .0016  | .010   | .107   |  |
| %RSD   | .22087 | .30811 | .24088 | .32437 | .11048 | .10186 | .32820 |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | 3.3551 | .13670 | 1.0152 | .34652 | 1.4568 | 10.121 | 32.763 |  |
| #2 | 3.3426 | .13587 | 1.0135 | .34876 | 1.4560 | 10.141 | 32.704 |  |
| #3 | 3.3421 | .13618 | 1.0183 | .34744 | 1.4591 | 10.128 | 32.555 |  |

Sample Name: S4      Acquired: 3/11/2017 12:55:18      Type: Cal  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      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       | 675.43 | 1029.9 | 34815. | 7429.3 | 1680.5 |
| Stddev    | 5.76   | 1.3    | 68.    | 6.0    | 2.8    |
| %RSD      | .85291 | .12923 | .19626 | .08062 | .16483 |
| #1        | 670.14 | 1028.4 | 34737. | 7424.5 | 1683.2 |
| #2        | 674.57 | 1030.1 | 34850. | 7436.0 | 1677.7 |
| #3        | 681.57 | 1031.0 | 34859. | 7427.3 | 1680.6 |

Sample Name: S5      Acquired: 3/11/2017 12:59:29      Type: Cal  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      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    | .44226 | .49910 | 6.6924 | .64033 | 1.9188 | 21.770 | 85.259 | 2.4070 |
| Stddev | .00249 | .00165 | .0021  | .00125 | .0019  | .008   | .624   | .0144  |
| %RSD   | .56279 | .33019 | .03075 | .19503 | .10007 | .03674 | .73140 | .59735 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .44071 | .49973 | 6.6947 | .64152 | 1.9186 | 21.777 | 84.868 | 2.4186 |
| #2 | .44094 | .49722 | 6.6914 | .63903 | 1.9170 | 21.772 | 85.978 | 2.4115 |
| #3 | .44513 | .50033 | 6.6910 | .64044 | 1.9208 | 21.761 | 84.930 | 2.3909 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 9.3850 | 18.662 | 4.5973 | 3.5923 | 4.4116 | 3.7295 | 4.8867 | 2.7686 |
| Stddev | .0069  | .038   | .0184  | .0018  | .0058  | .0035  | .0123  | .0079  |
| %RSD   | .07382 | .20099 | .39972 | .04917 | .13068 | .09371 | .25067 | .28480 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 9.3806 | 18.699 | 4.6060 | 3.5906 | 4.4124 | 3.7317 | 4.8948 | 2.7775 |
| #2 | 9.3815 | 18.664 | 4.6098 | 3.5941 | 4.4170 | 3.7314 | 4.8926 | 2.7658 |
| #3 | 9.3930 | 18.624 | 4.5762 | 3.5923 | 4.4055 | 3.7255 | 4.8726 | 2.7625 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 2.6519 | .90801 | 2.7553 | .25069 | 49.777 | 8.9849 | .33678 | 2.8001 |
| Stddev | .0026  | .00349 | .0053  | .00047 | .272   | .0094  | .00149 | .0081  |
| %RSD   | .09705 | .38448 | .19076 | .18740 | .54590 | .10418 | .44179 | .28967 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.6513 | .90891 | 2.7554 | .25117 | 49.712 | 8.9934 | .33706 | 2.8045 |
| #2 | 2.6497 | .91096 | 2.7605 | .25066 | 50.076 | 8.9864 | .33517 | 2.8052 |
| #3 | 2.6548 | .90415 | 2.7500 | .25024 | 49.544 | 8.9749 | .33810 | 2.7908 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| 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    | 6.9402 | .28386 | 2.0126 | .70360 | 2.9096 | 21.146 | 65.092 |  |
| Stddev | .0056  | .00161 | .0079  | .00176 | .0033  | .043   | .720   |  |
| %RSD   | .08028 | .56648 | .39327 | .25028 | .11428 | .20179 | 1.1059 |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | 6.9463 | .28440 | 2.0175 | .70421 | 2.9133 | 21.115 | 65.551 |  |
| #2 | 6.9354 | .28205 | 2.0168 | .70162 | 2.9068 | 21.194 | 65.462 |  |
| #3 | 6.9389 | .28512 | 2.0035 | .70498 | 2.9088 | 21.128 | 64.262 |  |

Sample Name: S5      Acquired: 3/11/2017 12:59:29      Type: Cal  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      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       | 591.25 | 904.17 | 32167. | 7104.3 | 1484.3 |
| Stddev    | 2.64   | .53    | 56.    | 24.1   | .7     |
| %RSD      | .44582 | .05817 | .17358 | .33957 | .04967 |
| #1        | 594.11 | 903.65 | 32163. | 7089.9 | 1483.5 |
| #2        | 588.92 | 904.15 | 32114. | 7090.9 | 1484.9 |
| #3        | 590.73 | 904.70 | 32225. | 7132.2 | 1484.5 |

Sample Name: S6      Acquired: 3/11/2017 13:03:36      Type: Cal  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      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    | 55.589 | 30.252 | 9.7297 | 4.3735 | 7.6649 |
| Stddev | .215   | .013   | .0095  | .0076  | .0101  |
| %RSD   | .38671 | .04233 | .09762 | .17347 | .13186 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 55.346 | 30.261 | 9.7188 | 4.3673 | 7.6634 |
| #2 | 55.667 | 30.257 | 9.7348 | 4.3820 | 7.6758 |
| #3 | 55.754 | 30.237 | 9.7356 | 4.3713 | 7.6557 |

|           |        |
|-----------|--------|
| Int. Std. | Y_3710 |
| Units     | Cts/S  |
| Avg       | 6911.4 |
| Stddev    | 16.3   |
| %RSD      | .23637 |

|    |        |
|----|--------|
| #1 | 6899.6 |
| #2 | 6904.6 |
| #3 | 6930.1 |

Sample Name: ICV      Acquired: 3/11/2017 13:07:53      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      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    | .9649794 | 1.099007 | 1.002466 | .9760778 | .9660137 | 2.718195 |
| Stddev | .0090842 | .002203  | .001406  | .0146903 | .0025857 | .038414  |
| %RSD   | .9413882 | .2004671 | .1402105 | 1.505034 | .2676615 | 1.413218 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .9553540 | 1.101166 | 1.001647 | .9623861 | .9633527 | 2.757612 |
| #2 | .9661815 | 1.096762 | 1.004089 | .9742513 | .9685167 | 2.716102 |
| #3 | .9734028 | 1.099093 | 1.001662 | .9915959 | .9661715 | 2.680870 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5318111 | .4971977 | .4991225 | 10.88449 | .5254176 | .4980212 |
| Stddev | .0003938 | .0036268 | .0005630 | .10881   | .0022597 | .0014565 |
| %RSD   | .0740559 | .7294401 | .1127918 | .9997047 | .4300844 | .2924554 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5320554 | .5013254 | .4984725 | 11.00698 | .5228791 | .4963636 |
| #2 | .5320213 | .4945214 | .4994436 | 10.84749 | .5272099 | .4990962 |
| #3 | .5313568 | .4957464 | .4994515 | 10.79901 | .5261637 | .4986037 |

|        |          |            |          |          |          |          |
|--------|----------|------------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598     | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm        | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5148767 | F 5.919777 | .5454705 | 6.154916 | .5089927 | .4521419 |
| Stddev | .0018586 | .088364    | .0028437 | .045672  | .0005585 | .0013032 |
| %RSD   | .3609827 | 1.492693   | .5213224 | .7420394 | .1097288 | .2882300 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5144773 | 6.008768 | .5452749 | 6.207471 | .5089798 | .4511386 |
| #2 | .5132503 | 5.918509 | .5484069 | 6.124841 | .5084407 | .4536148 |
| #3 | .5169026 | 5.832054 | .5427297 | 6.132437 | .5095575 | .4516722 |

|        |          |          |          |          |            |            |
|--------|----------|----------|----------|----------|------------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm        |
| Avg    | 10.00250 | .5426797 | 1.018373 | 9.386160 | F -.003644 | F .0060190 |
| Stddev | .08573   | .0032441 | .003548  | .066691  | .001754    | .0013012   |
| %RSD   | .8571290 | .5978009 | .3483940 | .7105233 | 48.12366   | 21.61857   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 10.05245 | .5434371 | 1.020410 | 9.460587 | -.001823 | .0072656 |
| #2 | 10.05155 | .5391238 | 1.020432 | 9.366068 | -.003788 | .0061220 |
| #3 | 9.90351  | .5454781 | 1.014276 | 9.331825 | -.005322 | .0046693 |

Sample Name: ICV      Acquired: 3/11/2017 13:07:53      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      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    | F .0000127 | .0009204 | .0019555 | F .0017004 | .0013440 | .0028259 |
| Stddev | .0000707   | .0054129 | .0004455 | .0021672   | .0008962 | .0001944 |
| %RSD   | 557.8188   | 588.0930 | 22.78167 | 127.4524   | 66.67908 | 6.879892 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.000030 | .0070162 | .0021010 | -.000801 | .0019683 | .0029119 |
| #2 | -.000027 | -.003324 | .0014554 | .002893  | .0003171 | .0029625 |
| #3 | .000094  | -.000931 | .0023100 | .003009  | .0017466 | .0026033 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0133341 |
| Stddev | .0002758 |
| %RSD   | 2.068023 |

|    |          |
|----|----------|
| #1 | .0136516 |
| #2 | .0131958 |
| #3 | .0131548 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 751.7650 | 1155.106 | 36563.45 | 7593.945 | 2033.075 |
| Stddev    | 2.2129   | 4.482    | 84.36    | 42.585   | 5.929    |
| %RSD      | .2943541 | .3880560 | .2307298 | .5607709 | .2916177 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 752.8964 | 1159.926 | 36608.94 | 7544.973 | 2039.568 |
| #2 | 749.2152 | 1154.330 | 36466.11 | 7622.275 | 2027.949 |
| #3 | 753.1833 | 1151.063 | 36615.31 | 7614.585 | 2031.709 |

Sample Name: ICB      Acquired: 3/11/2017 13:15:17      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      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    | .0014730 | .0046932 | .0021949 | .0024578 | .0022957 | .0683863 | .0004819 |
| Stddev | .0013574 | .0027016 | .0004150 | .0037772 | .0008075 | .0023541 | .0002223 |
| %RSD   | 92.15036 | 57.56427 | 18.91010 | 153.6796 | 35.17540 | 3.442302 | 46.12266 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0021477 | .0065832 | .0023736 | .0003255 | .0017298 | .0682486 | .0007356 |
| #2 | -.000090 | .0058976 | .0024907 | .0002290 | .0019368 | .0708062 | .0003215 |
| #3 | .002361  | .0015989 | .0017204 | .0068190 | .0032204 | .0661041 | .0003885 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0002718 | .0004753 | .0976717 | .0012904 | .0001010 | .0012163 | .0782818 |
| Stddev | .0000746 | .0001046 | .0076779 | .0003182 | .0004144 | .0016801 | .0179385 |
| %RSD   | 27.46100 | 22.01381 | 7.860919 | 24.65605 | 410.4735 | 138.1309 | 22.91531 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0003430 | .0004104 | .0972844 | .0011562 | -.000329 | .0029880 | .0653284 |
| #2 | .0002782 | .0005961 | .1055359 | .0016536 | .000134  | .0010150 | .0987566 |
| #3 | .0001942 | .0004196 | .0901948 | .0010613 | .000498  | -.000354 | .0707604 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0013695 | .1225986 | .0002130 | .0001221 | .1111159 | -.005006 | .0008628 |
| Stddev | .0007737 | .0078147 | .0000936 | .0001035 | .0740475 | .002944  | .0015304 |
| %RSD   | 56.49360 | 6.374183 | 43.95842 | 84.79009 | 66.63988 | 58.81659 | 177.3768 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0020089 | .1310200 | .0001195 | .0001265 | .1523848 | -.001671 | .0025860 |
| #2 | .0015900 | .1211948 | .0002127 | .0000164 | .0256301 | -.006101 | .0003405 |
| #3 | .0005095 | .1155809 | .0003067 | .0002233 | .1553326 | -.007245 | -.000338 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.042894 | .0034231 | .0035060 | .0004096 | .0003895 | -.002091 | .0036108 |
| Stddev | .021387  | .0024581 | .0007387 | .0006214 | .0090919 | .001805  | .0029388 |
| %RSD   | 49.86029 | 71.80887 | 21.06873 | 151.7248 | 2334.535 | 86.32135 | 81.38923 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.067503 | .0062164 | .0043462 | .0007060 | .0105557 | -.000007 | .0002225 |
| #2 | -.032374 | .0015901 | .0032128 | .0008272 | -.002425 | -.003119 | .0051433 |
| #3 | -.028804 | .0024628 | .0029589 | -.000305 | -.006963 | -.003148 | .0054666 |

Sample Name: ICB      Acquired: 3/11/2017 13:15:17      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      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    | .0001586 | .0011405 | .0004167 |
| Stddev | .0004433 | .0003140 | .0000171 |
| %RSD   | 279.5813 | 27.53242 | 4.104397 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0005789 | .0008733 | .0004221 |
| #2 | -.000305 | .0014863 | .0004305 |
| #3 | .000201  | .0010618 | .0003976 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 759.0300 | 1170.443 | 36936.02 | 7603.967 | 2080.369 |
| Stddev    | 4.0704   | 1.443    | 70.27    | 19.494   | 1.835    |
| %RSD      | .5362651 | .1232495 | .1902450 | .2563701 | .0881908 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 755.5750 | 1172.103 | 36880.90 | 7620.150 | 2078.258 |
| #2 | 757.9979 | 1169.733 | 36912.01 | 7582.325 | 2081.574 |
| #3 | 763.5171 | 1169.493 | 37015.14 | 7609.425 | 2081.276 |

Sample Name: ICSAB      Acquired: 3/11/2017 13:33:06      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      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    | .1081681 | .1063506 | .0538073 | .0543138 | .5881542 | 242.4090 |
| Stddev | .0056630 | .0078568 | .0054894 | .0025828 | .0066793 | .4168    |
| %RSD   | 5.235338 | 7.387652 | 10.20205 | 4.755317 | 1.135639 | .1719591 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1065472 | .1146410 | .0483815 | .0564624 | .5953707 | 242.1438 |
| #2 | .1144649 | .0990146 | .0593582 | .0550307 | .5821890 | 242.1938 |
| #3 | .1034924 | .1053962 | .0536821 | .0514483 | .5869029 | 242.8895 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5241479 | .4847228 | .9971072 | 246.1581 | .5481228 | .4997277 |
| Stddev | .0010280 | .0005696 | .0055636 | .3644    | .0025903 | .0034618 |
| %RSD   | .1961343 | .1175098 | .5579725 | .1480545 | .4725816 | .6927272 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5240301 | .4840841 | 1.003449 | 245.9600 | .5452786 | .5033795 |
| #2 | .5231838 | .4851781 | .994824  | 246.5787 | .5503466 | .4993097 |
| #3 | .5252297 | .4849062 | .993049  | 245.9356 | .5487432 | .4964939 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5190815 | 101.9890 | .5220811 | 250.6304 | 1.000021 | .2005275 |
| Stddev | .0032041 | .1215    | .0002966 | .1929    | .005143  | .0008767 |
| %RSD   | .6172538 | .1191146 | .0568102 | .0769768 | .5142487 | .4372191 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5157455 | 101.8685 | .5218537 | 250.6028 | 1.005756 | .1997884 |
| #2 | .5221349 | 102.1115 | .5219730 | 250.8356 | .995818  | .2014962 |
| #3 | .5193640 | 101.9870 | .5224166 | 250.4527 | .998490  | .2002978 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | .1313194 | .5145131 | 1.008516 | -.577536 | -.010075 | F -.016601 |
| Stddev | .0850095 | .0028430 | .003095  | .012953  | .003597  | .000505    |
| %RSD   | 64.73493 | .5525550 | .3068896 | 2.242792 | 35.69746 | 3.041572   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0822623 | .5143009 | 1.009216 | -.562657 | -.006440 | -.016174 |
| #2 | .2294799 | .5117822 | 1.011201 | -.586295 | -.010153 | -.017158 |
| #3 | .0822160 | .5174562 | 1.005131 | -.583656 | -.013632 | -.016471 |

Sample Name: ICSAB      Acquired: 3/11/2017 13:33:06      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      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    | -.001175 | -.007917 | -.005074 | .0009298 | .0002768 | .0008341 |
| Stddev | .000908  | .000880  | .001157  | .0005265 | .0007097 | .0002777 |
| %RSD   | 77.27520 | 11.11201 | 22.79731 | 56.62580 | 256.4002 | 33.29496 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.000735 | -.007575 | -.003974 | .0015373 | -.000511 | .0010635 |
| #2 | -.002220 | -.008917 | -.006280 | .0006066 | .000473  | .0009133 |
| #3 | -.000571 | -.007260 | -.004968 | .0006454 | .000868  | .0005253 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .1035551 |
| Stddev | .0002923 |
| %RSD   | .2822400 |

|    |          |
|----|----------|
| #1 | .1032397 |
| #2 | .1036089 |
| #3 | .1038168 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 677.3489 | 1054.464 | 33652.68 | 7422.308 | 1719.152 |
| Stddev    | 3.9184   | 5.989    | 100.91   | 24.696   | 11.279   |
| %RSD      | .5784865 | .5679678 | .2998690 | .3327218 | .6560977 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 675.8648 | 1047.549 | 33654.17 | 7412.370 | 1706.204 |
| #2 | 674.3894 | 1057.973 | 33551.04 | 7404.128 | 1724.401 |
| #3 | 681.7926 | 1057.870 | 33752.85 | 7450.424 | 1726.850 |

Sample Name: CCV066      Acquired: 3/11/2017 13:37:06      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV066      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.222248 | 4.890611 | 25.12939 | 4.938255 | 4.966735 | 388.1253 | 10.05461 |
| Stddev | .028920  | .005491  | .01626   | .003490  | .027283  | 1.0112   | .03882   |
| %RSD   | .5537848 | .1122861 | .0646957 | .0706820 | .5493197 | .2605224 | .3860700 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.254874 | 4.893984 | 25.12242 | 4.934540 | 4.996927 | 389.1961 | 10.04760 |
| #2 | 5.212105 | 4.893574 | 25.11778 | 4.938758 | 4.943848 | 387.9930 | 10.01977 |
| #3 | 5.199767 | 4.884274 | 25.14797 | 4.941467 | 4.959430 | 387.1869 | 10.09645 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4939765 | 2.525225 | 392.4807 | 15.69284 | 2.516617 | 15.39245 | 390.7983 |
| Stddev | .0027648 | .004033  | .6661    | .03719   | .000678  | .03478   | .8620    |
| %RSD   | .5596938 | .1596900 | .1697198 | .2369596 | .0269548 | .2259497 | .2205847 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4965336 | 2.522243 | 393.0931 | 15.69628 | 2.515834 | 15.42882 | 391.7934 |
| #2 | .4910427 | 2.523618 | 391.7715 | 15.65406 | 2.516992 | 15.35951 | 390.3194 |
| #3 | .4943532 | 2.529813 | 392.5776 | 15.72819 | 2.517024 | 15.38901 | 390.2819 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.84089 | 392.7698 | 2.511369 | 1.299180 | 386.1604 | 2.472436 | 15.32639 |
| Stddev | .02218   | .4658    | .002116  | .004691  | 1.0010   | .008717  | .10226   |
| %RSD   | .1494220 | .1186060 | .0842565 | .3611096 | .2592135 | .3525739 | .6672089 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 14.86593 | 393.1429 | 2.511005 | 1.298798 | 387.3162 | 2.481457 | 15.32913 |
| #2 | 14.83302 | 392.2477 | 2.509458 | 1.294691 | 385.5766 | 2.471794 | 15.22278 |
| #3 | 14.82372 | 392.9188 | 2.513643 | 1.304050 | 385.5884 | 2.464058 | 15.42725 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 155.4063 | 5.103500 | 4.827301 | 4.936318 | 5.102269 | 4.895473 | 5.034050 |
| Stddev | .3776    | .020033  | .025152  | .015991  | .007468  | .036664  | .016332  |
| %RSD   | .2429447 | .3925272 | .5210278 | .3239432 | .1463580 | .7489291 | .3244366 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 155.8413 | 5.124964 | 4.849631 | 4.952305 | 5.094236 | 4.928849 | 5.023915 |
| #2 | 155.2144 | 5.100235 | 4.800054 | 4.920324 | 5.109000 | 4.856229 | 5.052891 |
| #3 | 155.1633 | 5.085300 | 4.832219 | 4.936325 | 5.103572 | 4.901340 | 5.025343 |

Sample Name: CCV066      Acquired: 3/11/2017 13:37:06      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: CCV066      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.947269 | 5.152079 | 5.091649 |
| Stddev | .021582  | .008198  | .016583  |
| %RSD   | .4362413 | .1591277 | .3256966 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 4.971720 | 5.160868 | 5.110794 |
| #2 | 4.939214 | 5.150731 | 5.081712 |
| #3 | 4.930872 | 5.144638 | 5.082443 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 613.0747 | 955.8792 | 31974.92 | 7166.652 | 1518.282 |
| Stddev    | 1.2122   | 3.1087   | 29.46    | 27.510   | .794     |
| %RSD      | .1977269 | .3252164 | .0921382 | .3838582 | .0522873 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 611.7040 | 952.3203 | 31956.61 | 7137.208 | 1517.701 |
| #2 | 614.0056 | 958.0644 | 32008.91 | 7191.698 | 1517.959 |
| #3 | 613.5145 | 957.2528 | 31959.25 | 7171.050 | 1519.186 |

Sample Name: CCB066      Acquired: 3/11/2017 13:41:13      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB066      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.002637 | .0013596 | .0010209 | .0019754 | -.000793 | .0003303 | -.000650 |
| Stddev | .008387  | .0029027 | .0007081 | .0041446 | .001263  | .0013528 | .000199  |
| %RSD   | 318.0291 | 213.5031 | 69.36112 | 209.8065 | 159.1876 | 409.5055 | 30.60591 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .004409  | -.001196 | .0017897 | .0062726 | -.001240 | -.000237 | -.000787 |
| #2 | -.000406 | .004515  | .0003952 | -.001998 | -.001772 | -.000647 | -.000742 |
| #3 | -.011915 | .000759  | .0008780 | .001651  | .000632  | .001874  | -.000422 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000840 | .0001696 | .0012546 | -.000047 | .0000320 | -.000491 | -.003025 |
| Stddev | .0000843 | .0002274 | .0061042 | .000692  | .0001774 | .001682  | .009548  |
| %RSD   | 100.3306 | 134.0670 | 486.5504 | 1471.480 | 554.8450 | 342.5205 | 315.6445 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001656 | -.000016 | -.003630 | .000330  | .0001969 | .000291  | -.013345 |
| #2 | .0000893 | .000102  | -.000704 | .000374  | .0000546 | .000657  | .005495  |
| #3 | -.000003 | .000423  | .008098  | -.000845 | -.000156 | -.002422 | -.001225 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000149 | -.004563 | .0002386 | .0001777 | -.027231 | -.003588 | -.000355 |
| Stddev | .0007300 | .024397  | .0000376 | .0004308 | .094068  | .001579  | .000421  |
| %RSD   | 4914.730 | 534.6452 | 15.77578 | 242.4463 | 345.4426 | 43.99827 | 118.5539 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000774 | .012264  | .0001980 | .0004088 | .048412  | -.005390 | -.000784 |
| #2 | .000152  | -.032544 | .0002454 | .0004437 | .002456  | -.002447 | .000058  |
| #3 | .000667  | .006590  | .0002723 | -.000319 | -.132561 | -.002928 | -.000340 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.123311 | .0033040 | .0037022 | .0008446 | -.003845 | -.002434 | .0008113 |
| Stddev | .013475  | .0035659 | .0006341 | .0003800 | .009137  | .000973  | .0030627 |
| %RSD   | 10.92788 | 107.9254 | 17.12816 | 44.98903 | 237.6140 | 39.96461 | 377.5037 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.128145 | -.000019 | .0032312 | .0012733 | -.009627 | -.003414 | .0042219 |
| #2 | -.108085 | .002861  | .0044232 | .0007110 | -.008598 | -.002422 | -.000084 |
| #3 | -.133702 | .007071  | .0034522 | .0005494 | .006689  | -.001468 | -.001704 |

Sample Name: CCB066      Acquired: 3/11/2017 13:41:13      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: CCB066      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0006786 | .0001441 | -.000013 |
| Stddev | .0003364 | .0000224 | .000040  |
| %RSD   | 49.56790 | 15.51646 | 302.8715 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0004651 | .0001269 | .000033  |
| #2 | .0010663 | .0001360 | -.000037 |
| #3 | .0005043 | .0001694 | -.000035 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 753.3596 | 1170.400 | 36947.38 | 7676.733 | 2090.654 |
| Stddev    | 6.0619   | 2.869    | 111.80   | 47.779   | 3.185    |
| %RSD      | .8046482 | .2451039 | .3025930 | .6223916 | .1523477 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 758.4313 | 1168.895 | 36919.33 | 7629.950 | 2088.871 |
| #2 | 746.6458 | 1168.596 | 36852.28 | 7725.450 | 2088.761 |
| #3 | 755.0017 | 1173.708 | 37070.53 | 7674.800 | 2094.331 |

Sample Name: PB97421BL      Acquired: 3/11/2017 13:45:24      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      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    | -.002550 | .0002579 | .0002757 | .0028100 | -.000743 | .0004315 | -.000641 |
| Stddev | .008868  | .0017241 | .0024677 | .0017440 | .001226  | .0033990 | .000039  |
| %RSD   | 347.7896 | 668.4996 | 895.0843 | 62.06518 | 165.0211 | 787.8037 | 6.097118 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.006883 | -.001666 | -.001230 | .0012318 | -.001405 | -.001519 | -.000685 |
| #2 | -.008418 | .001664  | -.001067 | .0025158 | -.001497 | -.001543 | -.000610 |
| #3 | .007652  | .000776  | .003124  | .0046824 | .000672  | .004356  | -.000629 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000391 | .0002329 | .0025700 | -.000168 | -.000050 | .0010243 | -.004816 |
| Stddev | .0000528 | .0001003 | .0047067 | .000403  | .000250  | .0019683 | .006541  |
| %RSD   | 134.8902 | 43.07048 | 183.1428 | 239.8621 | 501.6427 | 192.1540 | 135.8279 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000695 | .0001195 | -.001216 | .000149  | -.000238 | .0002037 | -.002034 |
| #2 | -.000022 | .0003099 | .001086  | -.000031 | -.000145 | .0032702 | -.000125 |
| #3 | .000070  | .0002693 | .007840  | -.000622 | .000234  | -.000401 | -.012288 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000932 | .0223232 | .0002008 | .0000821 | -.024844 | -.004433 | -.000480 |
| Stddev | .000607  | .0416347 | .0003565 | .0001360 | .075545  | .002126  | .000388  |
| %RSD   | 65.11372 | 186.5089 | 177.5510 | 165.7442 | 304.0830 | 47.94734 | 80.86593 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.001489 | -.006956 | .0005922 | .0001640 | -.011773 | -.006278 | -.000845 |
| #2 | -.001021 | .003941  | .0001156 | -.000075 | .043313  | -.004913 | -.000520 |
| #3 | -.000285 | .069985  | -.000105 | .000157  | -.106071 | -.002109 | -.000073 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.175846 | -.000193 | .0011111 | .0004403 | -.003646 | -.002418 | .0029706 |
| Stddev | .024414  | .003012  | .0006691 | .0006186 | .011436  | .000914  | .0014249 |
| %RSD   | 13.88399 | 1557.843 | 60.22413 | 140.5057 | 313.7123 | 37.81604 | 47.96664 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.155610 | -.003452 | .0012224 | -.000258 | -.012667 | -.001581 | .0042950 |
| #2 | -.168966 | .002490  | .0003932 | .000921  | -.007487 | -.002279 | .0031537 |
| #3 | -.202963 | .000382  | .0017175 | .000657  | .009217  | -.003393 | .0014630 |

Sample Name: PB97421BL      Acquired: 3/11/2017 13:45:24      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      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    | .0001484 | .0000736 | -.000015 |
| Stddev | .0008333 | .0005483 | .000070  |
| %RSD   | 561.5714 | 744.9104 | 457.4080 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.000661 | -.000282 | -.000073 |
| #2 | .001004  | -.000202 | -.000035 |
| #3 | .000102  | .000705  | .000063  |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 756.0340 | 1170.230 | 37095.50 | 7729.250 | 2090.681 |
| Stddev    | 3.9125   | 5.486    | 141.82   | 69.215   | 7.080    |
| %RSD      | .5175035 | .4688238 | .3823094 | .8954892 | .3386435 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 752.0530 | 1165.589 | 36956.10 | 7685.525 | 2088.107 |
| #2 | 759.8742 | 1176.285 | 37090.78 | 7809.050 | 2098.688 |
| #3 | 756.1750 | 1168.816 | 37239.63 | 7693.175 | 2085.248 |

Sample Name: PB97421BS      Acquired: 3/11/2017 13:49:36      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      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    | .0241395 | .0551633 | .0202299 | .0696341 | .1127179 | .3837636 |
| Stddev | .0101914 | .0022426 | .0023900 | .0035627 | .0018509 | .0008276 |
| %RSD   | 42.21898 | 4.065385 | 11.81393 | 5.116352 | 1.642019 | .2156575 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0123869 | .0572411 | .0192691 | .0735833 | .1131673 | .3829085 |
| #2 | .0305383 | .0527860 | .0184699 | .0666616 | .1143027 | .3838217 |
| #3 | .0294932 | .0554629 | .0229507 | .0686573 | .1106838 | .3845607 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4123811 | .0101849 | .0101937 | 9.984793 | .0216631 | .0956108 |
| Stddev | .0012848 | .0001222 | .0001745 | .020126  | .0003957 | .0003733 |
| %RSD   | .3115641 | 1.199455 | 1.711849 | .2015716 | 1.826643 | .3904100 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4109018 | .0103114 | .0103952 | 9.975886 | .0212208 | .0959946 |
| #2 | .4132179 | .0101758 | .0100903 | 9.970657 | .0217849 | .0955888 |
| #3 | .4130238 | .0100676 | .0100956 | 10.00784 | .0219835 | .0952490 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0499290 | .2197581 | .0316304 | 9.545769 | .0795059 | .0196164 |
| Stddev | .0024935 | .0048160 | .0004913 | .063379  | .0001256 | .0003213 |
| %RSD   | 4.994132 | 2.191496 | 1.553114 | .6639458 | .1579722 | 1.638124 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0476205 | .2170844 | .0321944 | 9.580804 | .0796391 | .0199862 |
| #2 | .0495928 | .2168722 | .0312957 | 9.472607 | .0793896 | .0194581 |
| #3 | .0525735 | .2253178 | .0314011 | 9.583895 | .0794891 | .0194049 |

|        |          |          |          |          |            |            |
|--------|----------|----------|----------|----------|------------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm        |
| Avg    | 9.601595 | .1023827 | .1199287 | 9.291244 | F .0297052 | F .0211572 |
| Stddev | .043112  | .0018968 | .0018769 | .066173  | .0039195   | .0009033   |
| %RSD   | .4490081 | 1.852680 | 1.565046 | .7122100 | 13.19481   | 4.269441   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.622994 | .1040694 | .1219769 | 9.216814 | .0260313 | .0218306 |
| #2 | 9.551970 | .1003293 | .1182910 | 9.343426 | .0338312 | .0215103 |
| #3 | 9.629821 | .1027494 | .1195181 | 9.313492 | .0292532 | .0201307 |

Sample Name: PB97421BS      Acquired: 3/11/2017 13:49:36      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      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    | .0208117 | .1807917 | .1938670 | F .0157613 | .2021423 | .0948394 |
| Stddev | .0003529 | .0091984 | .0028195 | .0030052   | .0025620 | .0008316 |
| %RSD   | 1.695734 | 5.087843 | 1.454358 | 19.06717   | 1.267421 | .8768871 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0208959 | .1907685 | .1909108 | .0191777 | .1993714 | .0945558 |
| #2 | .0204243 | .1726476 | .1941639 | .0135260 | .2044251 | .0957758 |
| #3 | .0211149 | .1789592 | .1965263 | .0145803 | .2026306 | .0941867 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .2118946 |
| Stddev | .0007614 |
| %RSD   | .3593452 |

|    |          |
|----|----------|
| #1 | .2111261 |
| #2 | .2126488 |
| #3 | .2119089 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 744.7204 | 1162.218 | 36571.09 | 7650.160 | 2057.615 |
| Stddev    | 1.4530   | 9.771    | 136.19   | 12.755   | 17.357   |
| %RSD      | .1951108 | .8407535 | .3724038 | .1667273 | .8435662 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 743.3179 | 1151.162 | 36414.15 | 7635.566 | 2037.710 |
| #2 | 746.2192 | 1165.794 | 36640.88 | 7659.175 | 2065.539 |
| #3 | 744.6242 | 1169.698 | 36658.25 | 7655.739 | 2069.596 |

Sample Name: PB97422BL      Acquired: 3/11/2017 13:53:43      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      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    | .0025006 | .0004422 | .0008422 | -.001518 | -.000060 | .0033662 | -.000565 |
| Stddev | .0004872 | .0015881 | .0016672 | .002468  | .000892  | .0028070 | .000087  |
| %RSD   | 19.48309 | 359.0999 | 197.9583 | 162.6224 | 1495.499 | 83.38778 | 15.34896 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0029062 | .0013974 | -.000584 | -.000422 | -.000918 | .0034192 | -.000512 |
| #2 | .0019602 | -.001391 | .002675  | .000213  | .000862  | .0005331 | -.000665 |
| #3 | .0026355 | .001320  | .000436  | -.004344 | -.000123 | .0061464 | -.000518 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000344 | .0002634 | -.000870 | .0003132 | -.000189 | -.000635 | -.008263 |
| Stddev | .0001293 | .0001511 | .003074  | .0001358 | .000145  | .000946  | .002361  |
| %RSD   | 376.2860 | 57.36371 | 353.3946 | 43.34917 | 76.63199 | 148.8383 | 28.56847 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001101 | .0000912 | -.003685 | .0004646 | -.000290 | -.001000 | -.005983 |
| #2 | .0001079 | .0003251 | .002410  | .0002023 | -.000023 | .000438  | -.010697 |
| #3 | -.000115 | .0003739 | -.001334 | .0002726 | -.000254 | -.001345 | -.008108 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000195 | -.006142 | .0000695 | .0000378 | .0501936 | -.002300 | -.000272 |
| Stddev | .001215  | .009575  | .0003970 | .0002720 | .1558718 | .001861  | .000307  |
| %RSD   | 622.5448 | 155.9039 | 571.4672 | 719.7940 | 310.5410 | 80.90328 | 113.0123 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000471 | -.011629 | .0005205 | .0003383 | -.123756 | -.002275 | -.000044 |
| #2 | -.001248 | .004915  | -.000086 | -.000033 | .097141  | -.004173 | -.000621 |
| #3 | .001134  | -.011711 | -.000227 | -.000191 | .177196  | -.000452 | -.000150 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.182641 | .0060720 | -.000431 | .0003518 | .0091027 | -.002200 | .0048442 |
| Stddev | .025068  | .0021942 | .000481  | .0005506 | .0104835 | .000444  | .0022314 |
| %RSD   | 13.72524 | 36.13684 | 111.6206 | 156.5336 | 115.1699 | 20.17483 | 46.06436 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.176053 | .0036083 | -.000954 | .0006487 | .0135191 | -.002687 | .0030412 |
| #2 | -.161525 | .0067914 | -.000008 | .0006903 | -.002866 | -.001819 | .0041516 |
| #3 | -.210345 | .0078161 | -.000330 | -.000284 | .016655  | -.002094 | .0073398 |

Sample Name: PB97422BL      Acquired: 3/11/2017 13:53:43      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      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    | .0003723 | -.000283 | .0000225 |
| Stddev | .0006748 | .000308  | .0000445 |
| %RSD   | 181.2462 | 108.9800 | 198.0043 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0009856 | -.000262 | .0000719 |
| #2 | -.000351 | -.000601 | .0000095 |
| #3 | .000482  | .000014  | -.000014 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 758.3448 | 1174.074 | 37422.61 | 7681.467 | 2097.870 |
| Stddev    | 3.5201   | 4.992    | 90.21    | 75.604   | 13.029   |
| %RSD      | .4641797 | .4252285 | .2410678 | .9842328 | .6210442 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 759.3781 | 1172.949 | 37322.42 | 7692.700 | 2091.747 |
| #2 | 754.4236 | 1169.740 | 37497.40 | 7600.875 | 2089.031 |
| #3 | 761.2325 | 1179.533 | 37448.00 | 7750.825 | 2112.832 |

Sample Name: PB97422BS      Acquired: 3/11/2017 13:57:53      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      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    | .0193854 | .0511805 | .0213384 | .0758203 | .1136285 | .3883236 |
| Stddev | .0025805 | .0055328 | .0030567 | .0044839 | .0026217 | .0042946 |
| %RSD   | 13.31158 | 10.81047 | 14.32492 | 5.913918 | 2.307217 | 1.105938 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0183447 | .0496538 | .0216985 | .0800656 | .1159876 | .3932772 |
| #2 | .0223237 | .0465713 | .0181176 | .0762645 | .1108060 | .3856459 |
| #3 | .0174877 | .0573164 | .0241991 | .0711307 | .1140917 | .3860478 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4090777 | .0100738 | .0100616 | 9.874587 | .0217844 | .0953381 |
| Stddev | .0013650 | .0000853 | .0000245 | .016833  | .0005082 | .0000689 |
| %RSD   | .3336774 | .8463649 | .2437728 | .1704661 | 2.332818 | .0722948 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4103067 | .0101599 | .0100675 | 9.856573 | .0215900 | .0952952 |
| #2 | .4093179 | .0099894 | .0100346 | 9.889916 | .0223611 | .0953014 |
| #3 | .4076086 | .0100720 | .0100826 | 9.877271 | .0214021 | .0954176 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0507786 | .2196579 | .0317218 | 9.468279 | .0798364 | .0191359 |
| Stddev | .0012862 | .0040772 | .0005147 | .070512  | .0008127 | .0001411 |
| %RSD   | 2.532934 | 1.856155 | 1.622554 | .7447136 | 1.017995 | .7374528 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0499824 | .2156365 | .0315170 | 9.508383 | .0804076 | .0192772 |
| #2 | .0500909 | .2195486 | .0313410 | 9.509593 | .0789060 | .0189950 |
| #3 | .0522624 | .2237887 | .0323073 | 9.386863 | .0801957 | .0191354 |

|        |          |          |          |          |            |            |
|--------|----------|----------|----------|----------|------------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm        |
| Avg    | 9.561595 | .1000748 | .1200876 | 9.222907 | F .0301179 | F .0190921 |
| Stddev | .056682  | .0027166 | .0020353 | .049514  | .0044123   | .0005256   |
| %RSD   | .5928085 | 2.714545 | 1.694878 | .5368564 | 14.64991   | 2.753064   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.593028 | .0973431 | .1188015 | 9.207125 | .0347709 | .0196519 |
| #2 | 9.496161 | .1001054 | .1224342 | 9.183208 | .0295888 | .0190155 |
| #3 | 9.595595 | .1027760 | .1190272 | 9.278388 | .0259941 | .0186090 |

Sample Name: PB97422BS      Acquired: 3/11/2017 13:57:53      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      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    | .0212911 | .1841118 | .1926852 | F .0173330 | .2007873 | .0938417 |
| Stddev | .0007664 | .0074087 | .0019063 | .0011929   | .0018887 | .0005049 |
| %RSD   | 3.599825 | 4.024013 | .9893267 | 6.882191   | .9406397 | .5379981 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0209657 | .1926257 | .1921946 | .0163488 | .2029219 | .0943629 |
| #2 | .0207411 | .1791313 | .1910721 | .0186597 | .1993332 | .0933549 |
| #3 | .0221666 | .1805783 | .1947888 | .0169905 | .2001067 | .0938073 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .2095316 |
| Stddev | .0004482 |
| %RSD   | .2138973 |

|    |          |
|----|----------|
| #1 | .2099226 |
| #2 | .2096297 |
| #3 | .2090425 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 744.2096 | 1151.729 | 36484.26 | 7665.053 | 2045.027 |
| Stddev    | 5.5528   | 1.675    | 215.75   | 9.030    | 3.069    |
| %RSD      | .7461357 | .1454470 | .5913565 | .1178094 | .1500504 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 743.0738 | 1149.848 | 36399.88 | 7655.114 | 2041.682 |
| #2 | 739.3125 | 1152.276 | 36323.45 | 7672.753 | 2047.712 |
| #3 | 750.2425 | 1153.062 | 36729.45 | 7667.291 | 2045.687 |

Sample Name: PB97423BL      Acquired: 3/11/2017 14:02:02      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      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    | -.001021 | -.003715 | .0006298 | .0051627 | .0001430 | .0011752 | -.000934 |
| Stddev | .008632  | .001266  | .0022206 | .0027635 | .0016486 | .0034705 | .000267  |
| %RSD   | 845.4315 | 34.08058 | 352.5894 | 53.52670 | 1153.258 | 295.3113 | 28.59301 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.002949 | -.002272 | .0031934 | .0029167 | -.001752 | -.002518 | -.001038 |
| #2 | .008412  | -.004230 | -.000695 | .0082487 | .000934  | .001674  | -.001133 |
| #3 | -.008526 | -.004642 | -.000609 | .0043228 | .001247  | .004369  | -.000630 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000311 | .0001392 | .0055645 | -.000451 | .0000578 | .0003257 | -.003626 |
| Stddev | .0000361 | .0000385 | .0009193 | .000179  | .0003276 | .0027085 | .005219  |
| %RSD   | 116.1381 | 27.65925 | 16.52069 | 39.73906 | 566.3059 | 831.6749 | 143.9553 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000137 | .0001229 | .0065902 | -.000358 | .0003844 | .0018946 | .002291  |
| #2 | .0000726 | .0001831 | .0052883 | -.000658 | -.000271 | .0018841 | -.005590 |
| #3 | .0000070 | .0001115 | .0048149 | -.000337 | .000060  | -.002802 | -.007578 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0002043 | .0301212 | -.000005 | -.000269 | -.063508 | -.003890 | -.000426 |
| Stddev | .0011502 | .0380620 | .000293  | .000205  | .037523  | .000652  | .000847  |
| %RSD   | 562.8697 | 126.3628 | 5968.373 | 75.94245 | 59.08286 | 16.75500 | 198.8389 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0011849 | .0101400 | .000242  | -.000406 | -.105777 | -.003440 | -.001248 |
| #2 | -.001062 | .0062108 | -.000329 | -.000034 | -.034131 | -.003592 | .000445  |
| #3 | .000490  | .0740128 | .000072  | -.000367 | -.050617 | -.004637 | -.000475 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.176755 | -.001038 | -.000679 | .0001368 | .0000895 | -.003243 | .0033562 |
| Stddev | .036584  | .003073  | .000462  | .0001892 | .0038367 | .001429  | .0007652 |
| %RSD   | 20.69737 | 296.0935 | 68.03931 | 138.3107 | 4286.224 | 44.07212 | 22.80129 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.158799 | -.003675 | -.000226 | .0000294 | .0045151 | -.004293 | .0040397 |
| #2 | -.152619 | .002336  | -.000661 | .0003553 | -.002299 | -.001615 | .0034994 |
| #3 | -.218847 | -.001774 | -.001150 | .0000258 | -.001947 | -.003822 | .0025294 |

Sample Name: PB97423BL      Acquired: 3/11/2017 14:02:02      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      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    | .0009942 | -.000834 | -.000023 |
| Stddev | .0004604 | .000362  | .000011  |
| %RSD   | 46.30678 | 43.43340 | 47.65800 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0004642 | -.000425 | -.000011 |
| #2 | .0012232 | -.000961 | -.000032 |
| #3 | .0012952 | -.001115 | -.000027 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 751.4035 | 1173.843 | 36821.52 | 7579.708 | 2099.466 |
| Stddev    | .5902    | 8.948    | 131.06   | 141.497  | 17.453   |
| %RSD      | .0785413 | .7622526 | .3559342 | 1.866791 | .8313295 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 752.0813 | 1179.340 | 36971.50 | 7474.300 | 2111.161 |
| #2 | 751.0033 | 1178.669 | 36764.00 | 7524.300 | 2107.834 |
| #3 | 751.1258 | 1163.518 | 36729.05 | 7740.525 | 2079.404 |

Sample Name: PB97423BS      Acquired: 3/11/2017 14:06:14      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      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    | s .0245661 | sF .0065309 | sF .0035822 | sF -.007647 | sF .0028603 | kF .0020488 |
| Stddev | .0022851   | .0045287    | .0022782    | .007596     | .0100122    | .0025103    |
| %RSD   | 9.301971   | 69.34256    | 63.59788    | 99.34016    | 350.0336    | 122.5234    |

|    |            |            |            |           |           |            |
|----|------------|------------|------------|-----------|-----------|------------|
| #1 | .0259817   | .0031612   | .0019669   | -.011978  | -.003678  | .0027467   |
| #2 | .0257868   | .0047527   | .0025918   | -.012086  | -.002127  | .0041363   |
| #3 | s .0219299 | s .0116788 | s .0061880 | s .001124 | s .014387 | k -.000737 |

|        |            |             |             |             |             |             |
|--------|------------|-------------|-------------|-------------|-------------|-------------|
| Elem   | Ba4934     | Be2348      | Cd2144      | Ca3736      | Cr2677      | Co2286      |
| Units  | ppm        | ppm         | ppm         | ppm         | ppm         | ppm         |
| Avg    | F .0051453 | kF .0002091 | sF .0006122 | kF -.026244 | kF -.000260 | sF .0073966 |
| Stddev | .0000647   | .0000146    | .0011266    | .002996     | .000070     | .0099933    |
| %RSD   | 1.256902   | 6.960983    | 184.0225    | 11.41529    | 26.76649    | 135.1075    |

|    |          |            |           |            |            |            |
|----|----------|------------|-----------|------------|------------|------------|
| #1 | .0052135 | .0002237   | -.000113  | -.025745   | -.000196   | .0008786   |
| #2 | .0051376 | .0001945   | .000039   | -.023529   | -.000334   | .0024092   |
| #3 | .0050849 | k .0002092 | s .001910 | k -.029458 | k -.000252 | s .0189019 |

|        |             |             |             |            |             |             |
|--------|-------------|-------------|-------------|------------|-------------|-------------|
| Elem   | Cu3247      | Fe2598      | Mn2576      | Mg2790     | Ni2316      | Ag3280      |
| Units  | ppm         | ppm         | ppm         | ppm        | ppm         | ppm         |
| Avg    | kF -.000211 | kF -.012007 | kF -.000899 | F .0465175 | sF .0059918 | kF -.000349 |
| Stddev | .000386     | .001356     | .000167     | .0194070   | .0082495    | .000004     |
| %RSD   | 183.1989    | 11.29690    | 18.53779    | 41.71984   | 137.6789    | 1.266730    |

|    |            |            |            |          |            |            |
|----|------------|------------|------------|----------|------------|------------|
| #1 | -.000457   | -.012531   | -.000787   | .0640954 | .0006155   | -.000346   |
| #2 | .000234    | -.013024   | -.000820   | .0256913 | .0018701   | -.000354   |
| #3 | k -.000409 | k -.010467 | k -.001091 | .0497660 | s .0154899 | k -.000347 |

|        |            |             |             |            |             |             |
|--------|------------|-------------|-------------|------------|-------------|-------------|
| Elem   | Na8183     | V_2924      | Zn2138      | K_7698     | P_1774      | B_2496      |
| Units  | ppm        | ppm         | ppm         | ppm        | ppm         | ppm         |
| Avg    | F .6522753 | kF -.004216 | kF -.001559 | F -2.02763 | sF -.010146 | kF -.003222 |
| Stddev | .0407085   | .000756     | .000054     | .01452     | .000373     | .000129     |
| %RSD   | 6.240994   | 17.92883    | 3.467826    | .7159455   | 3.677366    | 4.013307    |

|    |          |            |            |          |            |            |
|----|----------|------------|------------|----------|------------|------------|
| #1 | .6455639 | -.005073   | -.001518   | -2.01119 | -.010472   | -.003288   |
| #2 | .6153396 | -.003643   | -.001620   | -2.03867 | -.009739   | -.003073   |
| #3 | .6959224 | k -.003933 | k -.001538 | -2.03305 | s -.010228 | k -.003305 |

Sample Name: PB97423BS      Acquired: 3/11/2017 14:06:14      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      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    | sF .0018908 | s -.054419 | k -.005653 | sF -.005844 | k .0008118 | -.002078 |
| Stddev | .0019203    | .032187    | .000253    | .003756     | .0002126   | .000170  |
| %RSD   | 101.5632    | 59.14625   | 4.467915   | 64.26476    | 26.18893   | 8.204672 |

|    |            |            |            |            |            |          |
|----|------------|------------|------------|------------|------------|----------|
| #1 | .0006236   | -.074992   | -.005746   | -.008414   | .0007313   | -.001902 |
| #2 | .0009485   | -.070940   | -.005367   | -.007585   | .0006512   | -.002088 |
| #3 | s .0041002 | s -.017327 | k -.005845 | s -.001534 | k .0010529 | -.002242 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0000008 |
| Stddev | .0000136 |
| %RSD   | 1778.255 |

|    |          |
|----|----------|
| #1 | .0000023 |
| #2 | .0000135 |
| #3 | -.000014 |

|           |          |         |          |          |         |
|-----------|----------|---------|----------|----------|---------|
| Int. Std. | Y_ 2243  | Y_ 2243 | Y_ 3600  | Y_ 3710  | In2306  |
| Units     | Cts/S    | Cts/S   | Cts/S    | Cts/S    | Cts/S   |
| Avg       | 4228.857 | ^ ***** | 168096.5 | 24341.29 | ^ ***** |
| Stddev    | 35.348   | -----   | 1351.7   | 717.44   | -----   |
| %RSD      | .8358711 | -----   | .8041103 | 2.947425 | -----   |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4226.833 | 6606.425 | 168042.1 | 23523.34 | 10635.34 |
| #2 | 4194.564 | 6167.927 | 166772.9 | 24636.50 | 9924.16  |
| #3 | 4265.173 | ^ -----  | 169474.6 | 24864.02 | ^ -----  |

Sample Name: PB97424BL      Acquired: 3/11/2017 14:10:22      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      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    | .0003078 | -.000614 | -.000522 | -.002543 | -.001152 | -.003833 | -.001090 |
| Stddev | .0041743 | .002273  | .000977  | .007161  | .001245  | .005233  | .000134  |
| %RSD   | 1355.995 | 370.4342 | 187.0423 | 281.6053 | 108.1110 | 136.5278 | 12.26353 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.004300 | -.002144 | -.001370 | -.010580 | -.002573 | -.001278 | -.001066 |
| #2 | .001387  | -.001695 | -.000744 | .003161  | -.000249 | -.009853 | -.001234 |
| #3 | .003837  | .001998  | .000546  | -.000211 | -.000634 | -.000368 | -.000970 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000009 | .0000800 | .0051000 | -.000362 | -.000239 | .0003394 | -.007522 |
| Stddev | .000039  | .0000504 | .0066628 | .000327  | .000448  | .0003332 | .004120  |
| %RSD   | 426.9770 | 62.97917 | 130.6427 | 90.25330 | 187.4306 | 98.18301 | 54.76775 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000021 | .0000654 | .0005979 | -.000403 | .000149  | .0000560 | -.011759 |
| #2 | .000035  | .0001360 | .0127539 | -.000666 | -.000729 | .0007065 | -.003530 |
| #3 | -.000041 | .0000385 | .0019482 | -.000017 | -.000136 | .0002557 | -.007277 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000151 | .0255760 | .0004363 | .0002243 | -.021316 | -.003931 | -.000918 |
| Stddev | .000333  | .0322011 | .0001614 | .0000387 | .029001  | .006739  | .000191  |
| %RSD   | 220.8834 | 125.9038 | 36.98915 | 17.23773 | 136.0547 | 171.4493 | 20.79739 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000245 | .0025004 | .0002520 | .0002657 | -.011610 | -.008811 | -.000719 |
| #2 | -.000426 | .0623635 | .0005521 | .0002182 | -.053925 | .003758  | -.001099 |
| #3 | .000219  | .0118640 | .0005049 | .0001891 | .001588  | -.006739 | -.000936 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.160181 | .0044543 | -.001342 | .0003306 | .0058680 | -.002234 | .0025173 |
| Stddev | .006932  | .0048835 | .001375  | .0004777 | .0063549 | .000759  | .0003003 |
| %RSD   | 4.327728 | 109.6362 | 102.4072 | 144.4804 | 108.2978 | 33.96649 | 11.92942 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.160225 | .0006896 | -.001577 | .0008801 | .0105335 | -.002756 | .0026109 |
| #2 | -.153227 | .0027009 | -.002584 | .0000135 | -.001370 | -.002582 | .0027597 |
| #3 | -.167091 | .0099724 | .000135  | .0000984 | .008440  | -.001363 | .0021814 |

Sample Name: PB97424BL      Acquired: 3/11/2017 14:10:22      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      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    | .0006639 | -.000816 | -.000019 |
| Stddev | .0011202 | .000206  | .000029  |
| %RSD   | 168.7376 | 25.23880 | 150.1572 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0004021 | -.001049 | -.000051 |
| #2 | .0018918 | -.000655 | -.000013 |
| #3 | -.000302 | -.000746 | .000006  |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 747.8753 | 1162.888 | 36680.58 | 7625.942 | 2077.707 |
| Stddev    | 5.6697   | 5.765    | 109.89   | 34.190   | 10.301   |
| %RSD      | .7581074 | .4957902 | .2995790 | .4483342 | .4957903 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 743.0713 | 1156.432 | 36597.38 | 7598.025 | 2066.705 |
| #2 | 754.1292 | 1164.709 | 36805.15 | 7615.725 | 2079.291 |
| #3 | 746.4255 | 1167.523 | 36639.22 | 7664.075 | 2087.123 |

Sample Name: PB97424BS      Acquired: 3/11/2017 14:14:30      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      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    | .0211321 | .0534433 | .0207597 | .0677550 | .1122481 | .3867381 |
| Stddev | .0056508 | .0060353 | .0000436 | .0044630 | .0005658 | .0056267 |
| %RSD   | 26.74022 | 11.29287 | .2101245 | 6.586915 | .5040586 | 1.454912 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0243775 | .0528396 | .0208038 | .0630750 | .1124157 | .3925745 |
| #2 | .0146072 | .0597578 | .0207166 | .0682267 | .1116175 | .3813476 |
| #3 | .0244117 | .0477326 | .0207586 | .0719634 | .1127112 | .3862921 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4147572 | .0101923 | .0100854 | 10.01438 | .0220197 | .0953670 |
| Stddev | .0014744 | .0001609 | .0001037 | .06052   | .0005170 | .0004033 |
| %RSD   | .3554928 | 1.578640 | 1.028492 | .6043370 | 2.347891 | .4228902 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4164326 | .0103424 | .0101826 | 10.02910 | .0226025 | .0956680 |
| #2 | .4141819 | .0102123 | .0100973 | 9.94786  | .0218402 | .0955242 |
| #3 | .4136571 | .0100224 | .0099762 | 10.06618 | .0216164 | .0949087 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0526286 | .2174901 | .0318811 | 9.636803 | .0796219 | .0195341 |
| Stddev | .0009339 | .0144754 | .0003735 | .051767  | .0004710 | .0002438 |
| %RSD   | 1.774558 | 6.655650 | 1.171378 | .5371837 | .5915457 | 1.247883 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0527013 | .2176772 | .0315538 | 9.621427 | .0795672 | .0195772 |
| #2 | .0516604 | .2318710 | .0318015 | 9.594465 | .0801178 | .0192716 |
| #3 | .0535240 | .2029221 | .0322879 | 9.694516 | .0791806 | .0197534 |

|        |          |          |          |          |            |            |
|--------|----------|----------|----------|----------|------------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm        |
| Avg    | 9.684757 | .1034064 | .1209866 | 9.367778 | F .0336603 | F .0194510 |
| Stddev | .144038  | .0014797 | .0012582 | .024962  | .0029696   | .0008568   |
| %RSD   | 1.487268 | 1.430963 | 1.039946 | .2664703 | 8.822298   | 4.404746   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.763631 | .1032917 | .1198238 | 9.383643 | .0370883 | .0204117 |
| #2 | 9.772131 | .1019875 | .1223223 | 9.380687 | .0318719 | .0191754 |
| #3 | 9.518508 | .1049402 | .1208136 | 9.339005 | .0320208 | .0187660 |

Sample Name: PB97424BS      Acquired: 3/11/2017 14:14:30      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      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    | .0208614 | .1857938 | .1945338 | F .0162020 | .2024123 | .0955494 |
| Stddev | .0002587 | .0109833 | .0006913 | .0001501   | .0010566 | .0005010 |
| %RSD   | 1.240337 | 5.911536 | .3553714 | .9265428   | .5220185 | .5243279 |
| #1     | .0206077 | .1980010 | .1940854 | .0160840   | .2031861 | .0960771 |
| #2     | .0208514 | .1826684 | .1941860 | .0163709   | .2012085 | .0950803 |
| #3     | .0211250 | .1767119 | .1953299 | .0161510   | .2028423 | .0954908 |

| Elem   | Sr4077   |
|--------|----------|
| Units  | ppm      |
| Avg    | .2130433 |
| Stddev | .0002355 |
| %RSD   | .1105215 |
| #1     | .2133150 |
| #2     | .2128980 |
| #3     | .2129170 |

| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 735.9728 | 1156.731 | 36310.24 | 7628.684 | 2052.771 |
| Stddev    | 4.0942   | 7.155    | 110.07   | 49.364   | 10.733   |
| %RSD      | .5562925 | .6185964 | .3031405 | .6470784 | .5228701 |
| #1        | 732.2582 | 1150.216 | 36198.55 | 7622.128 | 2042.347 |
| #2        | 735.2975 | 1155.588 | 36313.55 | 7680.998 | 2052.176 |
| #3        | 740.3626 | 1164.389 | 36418.61 | 7582.927 | 2063.789 |

Sample Name: PB97425BL      Acquired: 3/11/2017 14:18:36      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      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    | .0048275 | -.000940 | .0003497 | .0033747 | -.001368 | -.003382 | -.000518 |
| Stddev | .0082086 | .002584  | .0014526 | .0035641 | .000614  | .003004  | .000090  |
| %RSD   | 170.0373 | 275.0221 | 415.4172 | 105.6112 | 44.84946 | 88.80647 | 17.33577 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0115917 | -.003456 | -.001095 | .0014944 | -.001773 | -.004513 | -.000535 |
| #2 | -.004305 | -.001071 | .000335  | .0011446 | -.000662 | -.005657 | -.000421 |
| #3 | .007196  | .001708  | .001810  | .0074852 | -.001670 | .000023  | -.000597 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000379 | .0002082 | .0028934 | -.000105 | -.000087 | -.000734 | -.022711 |
| Stddev | .0000719 | .0000629 | .0030686 | .000218  | .000179  | .000379  | .005400  |
| %RSD   | 189.6459 | 30.20815 | 106.0572 | 207.9972 | 206.7017 | 51.66916 | 23.77827 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000664 | .0001414 | -.000172 | -.000342 | -.000288 | -.000954 | -.026250 |
| #2 | -.000044 | .0002169 | .005965  | -.000061 | -.000026 | -.000951 | -.016495 |
| #3 | .000091  | .0002662 | .002887  | .000088  | .000055  | -.000296 | -.025389 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000717 | .0409176 | -.000330 | -.000176 | -.040882 | -.002228 | -.000237 |
| Stddev | .000124  | .0319348 | .000437  | .000127  | .046986  | .001696  | .000601  |
| %RSD   | 17.30379 | 78.04678 | 132.5287 | 71.93953 | 114.9315 | 76.11066 | 253.5106 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000658 | .0255212 | -.000005 | -.000224 | -.053662 | -.003288 | -.000205 |
| #2 | -.000633 | .0195977 | -.000827 | -.000032 | .011172  | -.003124 | -.000854 |
| #3 | -.000859 | .0776338 | -.000158 | -.000272 | -.080157 | -.000272 | .000348  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.232633 | .0021827 | -.001153 | .0003607 | -.000988 | -.001997 | .0019477 |
| Stddev | .034922  | .0015955 | .000742  | .0003267 | .002345  | .001727  | .0023345 |
| %RSD   | 15.01164 | 73.09558 | 64.37208 | 90.57578 | 237.3814 | 86.48336 | 119.8624 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.267413 | .0003591 | -.000366 | .0002386 | -.003644 | -.001501 | .0029882 |
| #2 | -.197571 | .0028683 | -.001840 | .0007308 | .000796  | -.003918 | .0035810 |
| #3 | -.232916 | .0033209 | -.001254 | .0001126 | -.000116 | -.000572 | -.000726 |

Sample Name: PB97425BL      Acquired: 3/11/2017 14:18:36      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      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    | .0011106 | -.000704 | -.000041 |
| Stddev | .0004510 | .000376  | .000058  |
| %RSD   | 40.61272 | 53.45237 | 141.5527 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0005907 | -.001100 | -.000090 |
| #2 | .0013967 | -.000660 | .000023  |
| #3 | .0013444 | -.000352 | -.000056 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 754.6237 | 1188.371 | 36879.78 | 7679.892 | 2120.467 |
| Stddev    | 6.7922   | 1.545    | 353.82   | 23.554   | 3.208    |
| %RSD      | .9000719 | .1300201 | .9593841 | .3066927 | .1513088 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 747.1218 | 1186.594 | 36478.19 | 7665.050 | 2116.763 |
| #2 | 756.3933 | 1189.120 | 37015.53 | 7667.575 | 2122.241 |
| #3 | 760.3558 | 1189.398 | 37145.63 | 7707.050 | 2122.397 |

Sample Name: PB97467BL      Acquired: 3/11/2017 14:26:51      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      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    | .0047489 | .0017345 | .0013913 | -.004566 | .0011005 | .0018651 | -.000890 |
| Stddev | .0141723 | .0033101 | .0023053 | .007112  | .0010996 | .0039733 | .000266  |
| %RSD   | 298.4306 | 190.8392 | 165.6910 | 155.7813 | 99.92269 | 213.0365 | 29.87244 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.004071 | -.000945 | .0000429 | .003645  | .0022974 | .0057570 | -.001192 |
| #2 | .021097  | .000713  | .0000779 | -.008815 | .0008689 | .0020232 | -.000692 |
| #3 | -.002778 | .005435  | .0040532 | -.008527 | .0001351 | -.002185 | -.000785 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000312 | .0001286 | .0072692 | -.000219 | .0000969 | .0011855 | -.000211 |
| Stddev | .0000238 | .0000626 | .0116918 | .000347  | .0002073 | .0010975 | .011146  |
| %RSD   | 76.40663 | 48.69467 | 160.8403 | 158.2838 | 213.8048 | 92.57140 | 5278.243 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000439 | .0002005 | .0183533 | .000113  | -.000065 | .0006908 | -.007563 |
| #2 | .0000037 | .0000991 | .0084021 | -.000580 | .000025  | .0024433 | -.005684 |
| #3 | .0000459 | .0000861 | -.004948 | -.000191 | .000331  | .0004225 | .012613  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000119 | .0251895 | .0004730 | -.000182 | -.060522 | -.004502 | -.000024 |
| Stddev | .0006466 | .0222354 | .0003878 | .000196  | .121493  | .002052  | .000508  |
| %RSD   | 5437.637 | 88.27271 | 81.97913 | 107.6016 | 200.7410 | 45.58154 | 2083.689 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000235 | .0002053 | .0000256 | -.000216 | -.149134 | -.003339 | -.000364 |
| #2 | -.000475 | .0325573 | .0007112 | -.000358 | .077972  | -.003295 | .000560  |
| #3 | .000746  | .0428059 | .0006823 | .000029  | -.110404 | -.006871 | -.000268 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.221166 | .0001650 | -.001497 | .0004643 | -.004593 | -.001736 | .0016269 |
| Stddev | .016639  | .0096864 | .000920  | .0002914 | .005278  | .000609  | .0024445 |
| %RSD   | 7.523264 | 5871.627 | 61.48684 | 62.75685 | 114.9092 | 35.11243 | 150.2574 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.205241 | .0066365 | -.001833 | .0007950 | -.004013 | -.002394 | -.000887 |
| #2 | -.219820 | .0048296 | -.000456 | .0002457 | -.010138 | -.001621 | .003996  |
| #3 | -.238437 | -.010971 | -.002202 | .0003521 | .000371  | -.001192 | .001772  |

Sample Name: PB97467BL      Acquired: 3/11/2017 14:26:51      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      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    | .0012875 | -.000696 | .0000008 |
| Stddev | .0002142 | .000348  | .0000577 |
| %RSD   | 16.63413 | 50.04750 | 6841.909 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0014452 | -.001012 | -.000065 |
| #2 | .0013736 | -.000323 | .000042  |
| #3 | .0010437 | -.000753 | .000025  |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 752.5322 | 1163.193 | 36894.44 | 7679.150 | 2081.253 |
| Stddev    | 7.6179   | 2.541    | 421.57   | 37.580   | 5.586    |
| %RSD      | 1.012302 | .2184669 | 1.142636 | .4893712 | .2683898 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 747.1425 | 1163.086 | 36564.26 | 7693.550 | 2080.518 |
| #2 | 749.2066 | 1160.707 | 36749.78 | 7636.500 | 2076.070 |
| #3 | 761.2475 | 1165.786 | 37369.30 | 7707.400 | 2087.170 |

Sample Name: PB97467BS      Acquired: 3/11/2017 14:31:01      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      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    | .0215277 | .0511111 | .0216970 | .0684643 | .1151968 | .3852190 |
| Stddev | .0022166 | .0017706 | .0020985 | .0097670 | .0042530 | .0054048 |
| %RSD   | 10.29635 | 3.464256 | 9.671658 | 14.26581 | 3.691943 | 1.403041 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0189857 | .0501069 | .0241161 | .0609279 | .1200220 | .3811071 |
| #2 | .0225400 | .0500709 | .0206077 | .0794986 | .1119929 | .3832092 |
| #3 | .0230573 | .0531556 | .0203672 | .0649664 | .1135756 | .3913408 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4116916 | .0101797 | .0102879 | 9.963617 | .0218537 | .0960008 |
| Stddev | .0004225 | .0000366 | .0001766 | .043552  | .0006920 | .0003998 |
| %RSD   | .1026278 | .3597948 | 1.716433 | .4371098 | 3.166518 | .4164089 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4112329 | .0102112 | .0102424 | 9.947515 | .0214146 | .0955685 |
| #2 | .4120649 | .0101395 | .0104828 | 9.930408 | .0214952 | .0960768 |
| #3 | .4117771 | .0101883 | .0101385 | 10.01293 | .0226514 | .0963571 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0512108 | .2084281 | .0315876 | 9.551786 | .0801424 | .0194015 |
| Stddev | .0005482 | .0028201 | .0003951 | .052898  | .0006078 | .0002784 |
| %RSD   | 1.070421 | 1.353034 | 1.250901 | .5538007 | .7584267 | 1.434981 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0511894 | .2053063 | .0313454 | 9.566579 | .0806933 | .0190809 |
| #2 | .0517694 | .2091867 | .0313738 | 9.493066 | .0794903 | .0195816 |
| #3 | .0506737 | .2107913 | .0320436 | 9.595712 | .0802434 | .0195422 |

|        |          |          |          |          |            |            |
|--------|----------|----------|----------|----------|------------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm        |
| Avg    | 9.551473 | .1045369 | .1211043 | 9.301929 | F .0314320 | F .0190394 |
| Stddev | .088677  | .0014112 | .0010152 | .012620  | .0034105   | .0010100   |
| %RSD   | .9284100 | 1.349989 | .8383119 | .1356693 | 10.85036   | 5.304676   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.597881 | .1061081 | .1199464 | 9.295132 | .0330911 | .0180417 |
| #2 | 9.607315 | .1041256 | .1215245 | 9.294165 | .0336955 | .0200613 |
| #3 | 9.449222 | .1033771 | .1218420 | 9.316490 | .0275094 | .0190153 |

Sample Name: PB97467BS      Acquired: 3/11/2017 14:31:01      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      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    | .0210287 | .1826494 | .1933830 | F .0169606 | .2012896 | .0943252 |
| Stddev | .0002659 | .0092782 | .0019981 | .0049577   | .0029960 | .0009003 |
| %RSD   | 1.264682 | 5.079778 | 1.033217 | 29.23045   | 1.488420 | .9544356 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0208131 | .1744988 | .1951246 | .0145690 | .2019929 | .0939975 |
| #2 | .0213259 | .1807030 | .1912017 | .0136522 | .1980045 | .0953434 |
| #3 | .0209472 | .1927463 | .1938227 | .0226607 | .2038714 | .0936346 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .2122137 |
| Stddev | .0003171 |
| %RSD   | .1494104 |

|    |          |
|----|----------|
| #1 | .2119987 |
| #2 | .2120646 |
| #3 | .2125779 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 736.8623 | 1148.431 | 36405.67 | 7669.428 | 2037.220 |
| Stddev    | 3.9802   | 1.054    | 106.60   | 48.141   | 5.620    |
| %RSD      | .5401507 | .0917849 | .2928148 | .6277040 | .2758905 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 735.4628 | 1149.131 | 36333.18 | 7614.085 | 2040.361 |
| #2 | 733.7708 | 1147.219 | 36355.76 | 7701.619 | 2040.568 |
| #3 | 741.3531 | 1148.944 | 36528.07 | 7692.580 | 2030.731 |

Sample Name: PB97423BS      Acquired: 3/11/2017 14:35:08      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      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    | .0208960 | .0535158 | .0222004 | .0685543 | .1181844 | .3926123 |
| Stddev | .0107369 | .0022413 | .0018934 | .0027636 | .0021395 | .0039769 |
| %RSD   | 51.38270 | 4.188078 | 8.528612 | 4.031247 | 1.810271 | 1.012939 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0242125 | .0527088 | .0202121 | .0655243 | .1189433 | .3970225 |
| #2 | .0088921 | .0560488 | .0239819 | .0709364 | .1198409 | .3915158 |
| #3 | .0295834 | .0517897 | .0224073 | .0692022 | .1157689 | .3892987 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4166169 | .0103741 | .0102533 | 10.12407 | .0218122 | .0972200 |
| Stddev | .0006920 | .0000684 | .0001410 | .02051   | .0003847 | .0009230 |
| %RSD   | .1661038 | .6593566 | 1.375018 | .2025666 | 1.763753 | .9493820 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4172124 | .0104041 | .0101400 | 10.13561 | .0222229 | .0962857 |
| #2 | .4167806 | .0102958 | .0104112 | 10.10039 | .0214603 | .0981312 |
| #3 | .4158578 | .0104224 | .0102086 | 10.13620 | .0217534 | .0972431 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0505906 | .2209483 | .0322630 | 9.685720 | .0806954 | .0197833 |
| Stddev | .0017233 | .0283341 | .0000269 | .014304  | .0007914 | .0002488 |
| %RSD   | 3.406392 | 12.82386 | .0832550 | .1476859 | .9806707 | 1.257836 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0503140 | .2005045 | .0322865 | 9.693116 | .0803299 | .0199744 |
| #2 | .0490224 | .2090488 | .0322687 | 9.669232 | .0816034 | .0198735 |
| #3 | .0524355 | .2532917 | .0322337 | 9.694813 | .0801528 | .0195019 |

|        |          |          |          |          |            |            |
|--------|----------|----------|----------|----------|------------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm        |
| Avg    | 9.707841 | .1062492 | .1220027 | 9.418707 | F .0292084 | F .0186418 |
| Stddev | .068562  | .0061051 | .0006397 | .038194  | .0028759   | .0011646   |
| %RSD   | .7062523 | 5.746058 | .5243441 | .4055137 | 9.846133   | 6.247534   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.665252 | .0996784 | .1227375 | 9.462383 | .0259220 | .0197641 |
| #2 | 9.786931 | .1117461 | .1217013 | 9.391568 | .0312646 | .0187223 |
| #3 | 9.671340 | .1073232 | .1215694 | 9.402171 | .0304386 | .0174390 |

Sample Name: PB97423BS      Acquired: 3/11/2017 14:35:08      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      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    | .0208420 | .1927663 | .1990474 | F .0171910 | .2055947 | .0946224 |
| Stddev | .0006607 | .0068749 | .0007255 | .0036003   | .0004519 | .0002504 |
| %RSD   | 3.169822 | 3.566425 | .3644715 | 20.94287   | .2197804 | .2646525 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0204138 | .1851708 | .1996225 | .0213014 | .2058688 | .0943983 |
| #2 | .0216028 | .1985628 | .1982323 | .0145967 | .2058422 | .0945762 |
| #3 | .0205093 | .1945653 | .1992873 | .0156750 | .2050732 | .0948927 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .2138592 |
| Stddev | .0005608 |
| %RSD   | .2622435 |

|    |          |
|----|----------|
| #1 | .2138457 |
| #2 | .2144267 |
| #3 | .2133052 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 746.3113 | 1155.822 | 36771.89 | 7660.346 | 2049.266 |
| Stddev    | 3.1587   | 9.320    | 166.02   | 31.282   | 19.183   |
| %RSD      | .4232357 | .8063267 | .4514844 | .4083608 | .9361120 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 742.8405 | 1159.243 | 36606.57 | 7624.228 | 2059.108 |
| #2 | 747.0758 | 1145.275 | 36770.50 | 7678.753 | 2027.159 |
| #3 | 749.0175 | 1162.947 | 36938.60 | 7678.058 | 2061.531 |

Sample Name: PB97425BS      Acquired: 3/11/2017 14:39:17      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      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    | .0242666 | .0540108 | .0221039 | .0731621 | .1159146 | .3898312 |
| Stddev | .0072894 | .0058145 | .0019832 | .0021203 | .0006937 | .0049538 |
| %RSD   | 30.03872 | 10.76540 | 8.972154 | 2.898092 | .5984282 | 1.270760 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0183534 | .0473381 | .0210327 | .0755966 | .1158026 | .3844482 |
| #2 | .0220357 | .0567030 | .0243923 | .0721706 | .1152837 | .3908471 |
| #3 | .0324107 | .0579912 | .0208866 | .0717193 | .1166574 | .3941983 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4209513 | .0103594 | .0102208 | 10.15554 | .0227857 | .0982107 |
| Stddev | .0023392 | .0001752 | .0001438 | .14202   | .0001658 | .0004277 |
| %RSD   | .5556980 | 1.690726 | 1.406424 | 1.398471 | .7277040 | .4355329 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4211513 | .0103748 | .0102171 | 10.06160 | .0226879 | .0977646 |
| #2 | .4185185 | .0101771 | .0103663 | 10.08610 | .0229771 | .0982501 |
| #3 | .4231841 | .0105264 | .0100789 | 10.31892 | .0226919 | .0986174 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0532126 | .2271568 | .0323490 | 9.735544 | .0815932 | .0196968 |
| Stddev | .0020241 | .0191491 | .0006026 | .130857  | .0006722 | .0002031 |
| %RSD   | 3.803845 | 8.429882 | 1.862930 | 1.344116 | .8238893 | 1.031263 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0519462 | .2450222 | .0330133 | 9.616257 | .0818383 | .0196667 |
| #2 | .0555471 | .2069411 | .0321966 | 9.714866 | .0821085 | .0195103 |
| #3 | .0521445 | .2295070 | .0318373 | 9.875509 | .0808328 | .0199133 |

|        |          |          |          |          |            |            |
|--------|----------|----------|----------|----------|------------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm        |
| Avg    | 9.756453 | .1047714 | .1229329 | 9.587176 | F .0271329 | F .0202505 |
| Stddev | .131058  | .0016142 | .0009256 | .071760  | .0026943   | .0006722   |
| %RSD   | 1.343297 | 1.540675 | .7529397 | .7485036 | 9.929929   | 3.319359   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.905448 | .1048140 | .1234584 | 9.593699 | .0299606 | .0195223 |
| #2 | 9.659010 | .1031363 | .1218641 | 9.512376 | .0245955 | .0208472 |
| #3 | 9.704900 | .1063639 | .1234761 | 9.655452 | .0268427 | .0203820 |

Sample Name: PB97425BS      Acquired: 3/11/2017 14:39:17      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      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    | .0214136 | .1901959 | .1955602 | F .0189768 | .2051201 | .0966337 |
| Stddev | .0006273 | .0048271 | .0010626 | .0007926   | .0027260 | .0000617 |
| %RSD   | 2.929394 | 2.537958 | .5433472 | 4.176686   | 1.328974 | .0638945 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0221335 | .1888719 | .1947394 | .0180693 | .2024053 | .0966431 |
| #2 | .0211230 | .1955469 | .1951808 | .0195335 | .2050978 | .0965678 |
| #3 | .0209843 | .1861691 | .1967604 | .0193275 | .2078572 | .0966902 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .2163598 |
| Stddev | .0009850 |
| %RSD   | .4552368 |

|    |          |
|----|----------|
| #1 | .2157766 |
| #2 | .2158057 |
| #3 | .2174969 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 733.6322 | 1141.770 | 35894.95 | 7633.495 | 2024.177 |
| Stddev    | 8.3068   | 1.947    | 321.33   | 72.621   | 4.601    |
| %RSD      | 1.132281 | .1705429 | .8951989 | .9513428 | .2272831 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 736.4810 | 1142.796 | 36069.33 | 7672.306 | 2027.078 |
| #2 | 740.1397 | 1139.525 | 36091.39 | 7678.464 | 2018.872 |
| #3 | 724.2758 | 1142.990 | 35524.13 | 7549.716 | 2026.580 |

Sample Name: I2116-15      Acquired: 3/11/2017 14:43:24      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WL7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0576895 | .0033675 | .3310392 | .0029180 | .0026290 | 52.85356 | 1.990672 |
| Stddev | .0036736 | .0023469 | .0041327 | .0043410 | .0026968 | .66942   | .023617  |
| %RSD   | 6.367930 | 69.69119 | 1.248403 | 148.7677 | 102.5773 | 1.266549 | 1.186377 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0538713 | .0046511 | .3321875 | .0062312 | .0044471 | 52.26824 | 1.974229 |
| #2 | .0579979 | .0006588 | .3344763 | -.001996 | .0039095 | 53.58345 | 2.017735 |
| #3 | .0611991 | .0047927 | .3264537 | .004519  | -.000469 | 52.70900 | 1.980054 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0058221 | .0072284 | 14.26593 | .1213398 | .0649543 | .1061180 | 123.4242 |
| Stddev | .0000476 | .0001617 | .15023   | .0003464 | .0007449 | .0008312 | 1.1347   |
| %RSD   | .8168303 | 2.236636 | 1.053083 | .2855103 | 1.146754 | .7832627 | .9193653 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0058235 | .0073976 | 14.10193 | .1209427 | .0654879 | .1051971 | 122.3411 |
| #2 | .0057739 | .0070755 | 14.39689 | .1214960 | .0641033 | .1068127 | 124.6043 |
| #3 | .0058690 | .0072122 | 14.29897 | .1215806 | .0652717 | .1063441 | 123.3272 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.915430 | 8.689374 | .1117417 | -.003714 | .3354438 | .1763539 | .8953944 |
| Stddev | .064821  | .084790  | .0003422 | .000163  | .0438749 | .0072630 | .0026986 |
| %RSD   | .9373390 | .9757862 | .3062554 | 4.388455 | 13.07966 | 4.118409 | .3013829 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.847840 | 8.599560 | .1119205 | -.003583 | .3473790 | .1680712 | .8969594 |
| #2 | 6.977072 | 8.768036 | .1119575 | -.003663 | .2868362 | .1793559 | .8922784 |
| #3 | 6.921378 | 8.700525 | .1113471 | -.003897 | .3721162 | .1816347 | .8969455 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.421889 | 1.936573 | -.007876 | .0007332 | .5347320 | 3.157967 | .0129460 |
| Stddev | .051907  | .010274  | .000502  | .0001695 | .0043507 | .025219  | .0039625 |
| %RSD   | 1.516900 | .5305005 | 6.377207 | 23.11297 | .8136293 | .7985753 | 30.60782 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.362011 | 1.935201 | -.008396 | .0008383 | .5384307 | 3.129540 | .0123879 |
| #2 | 3.454125 | 1.947463 | -.007840 | .0005377 | .5299384 | 3.177649 | .0171580 |
| #3 | 3.449532 | 1.927054 | -.007393 | .0008236 | .5358270 | 3.166712 | .0092922 |

Sample Name: I2116-15      Acquired: 3/11/2017 14:43:24      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WL7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5318950 | .0276891 | .0348408 |
| Stddev | .0050928 | .0005609 | .0003520 |
| %RSD   | .9574837 | 2.025647 | 1.010254 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .5287803 | .0276247 | .0344972 |
| #2 | .5377722 | .0282793 | .0352006 |
| #3 | .5291326 | .0271631 | .0348246 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 794.9264 | 1236.398 | 40018.91 | 8630.577 | 1979.384 |
| Stddev    | 1.8287   | 3.788    | 27.95    | 67.718   | 4.196    |
| %RSD      | .2300445 | .3063389 | .0698431 | .7846236 | .2120104 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 795.3833 | 1232.647 | 39986.75 | 8705.615 | 1975.158 |
| #2 | 796.4833 | 1236.326 | 40037.30 | 8574.016 | 1979.442 |
| #3 | 792.9126 | 1240.221 | 40032.69 | 8612.100 | 1983.551 |

Sample Name: I2116-16      Acquired: 3/11/2017 14:47:28      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WL7D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0567562 | .0028445 | .3330852 | -.000663 | .0050643 | 53.21090 | 2.002082 |
| Stddev | .0040462 | .0040816 | .0013970 | .003019  | .0011504 | .07708   | .001404  |
| %RSD   | 7.129056 | 143.4932 | .4193994 | 455.0702 | 22.71565 | .1448526 | .0701488 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0577153 | .0073855 | .3315045 | .002095  | .0061388 | 53.12244 | 2.001723 |
| #2 | .0602367 | .0016667 | .3335975 | -.000196 | .0038507 | 53.26362 | 2.000892 |
| #3 | .0523167 | -.000519 | .3341537 | -.003889 | .0052033 | 53.24663 | 2.003631 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0059177 | .0074077 | 14.30594 | .1205967 | .0651702 | .1058020 | 123.8887 |
| Stddev | .0001354 | .0001185 | .02271   | .0012580 | .0002601 | .0010214 | .3066    |
| %RSD   | 2.288617 | 1.599304 | .1587154 | 1.043187 | .3991309 | .9654102 | .2475160 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0058329 | .0074741 | 14.29408 | .1196023 | .0653999 | .1062142 | 123.6702 |
| #2 | .0060739 | .0072709 | 14.33212 | .1201767 | .0648877 | .1046389 | 124.2393 |
| #3 | .0058464 | .0074780 | 14.29162 | .1220110 | .0652230 | .1065530 | 123.7567 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.943047 | 8.725211 | .1128967 | -.003536 | .3984637 | .1770747 | .8950489 |
| Stddev | .012423  | .029597  | .0009024 | .000251  | .0352702 | .0026303 | .0075442 |
| %RSD   | .1789282 | .3392120 | .7993424 | 7.089159 | 8.851543 | 1.485443 | .8428792 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.929865 | 8.754292 | .1134538 | -.003395 | .3628347 | .1785553 | .9035396 |
| #2 | 6.954537 | 8.726217 | .1118555 | -.003388 | .3991927 | .1740377 | .8891168 |
| #3 | 6.944738 | 8.695123 | .1133807 | -.003826 | .4333638 | .1786310 | .8924903 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.409917 | 1.940779 | -.006156 | .0004047 | .5324592 | 3.151539 | .0098175 |
| Stddev | .006429  | .004700  | .000205  | .0001726 | .0058657 | .017932  | .0036224 |
| %RSD   | .1885363 | .2421612 | 3.326262 | 42.65604 | 1.101620 | .5690033 | 36.89758 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.415910 | 1.945390 | -.006045 | .0004503 | .5387894 | 3.148948 | .0138200 |
| #2 | 3.410715 | 1.935996 | -.006392 | .0005500 | .5272077 | 3.170626 | .0088686 |
| #3 | 3.403127 | 1.940951 | -.006030 | .0002138 | .5313806 | 3.135043 | .0067640 |

Sample Name: I2116-16      Acquired: 3/11/2017 14:47:28      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WL7D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5359288 | .0281432 | .0349236 |
| Stddev | .0004448 | .0005963 | .0000712 |
| %RSD   | .0830011 | 2.118797 | .2039679 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .5357780 | .0287932 | .0348767 |
| #2 | .5364294 | .0276215 | .0348885 |
| #3 | .5355790 | .0280150 | .0350055 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 794.4283 | 1233.497 | 39926.52 | 8653.451 | 1971.647 |
| Stddev    | 5.1344   | .795     | 76.12    | 27.771   | 5.229    |
| %RSD      | .6462978 | .0644259 | .1906455 | .3209288 | .2652257 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 788.5246 | 1232.990 | 39914.47 | 8647.267 | 1972.980 |
| #2 | 797.8513 | 1234.413 | 40007.95 | 8629.292 | 1976.081 |
| #3 | 796.9089 | 1233.088 | 39857.15 | 8683.793 | 1965.880 |

Sample Name: I2116-17      Acquired: 3/11/2017 14:51:31      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WL7S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1175366 | .1071072 | .3664982 | .0816187 | .1695969 | 55.83069 | 5.714587 |
| Stddev | .0021451 | .0019513 | .0023044 | .0036894 | .0019077 | .14811   | .004068  |
| %RSD   | 1.825047 | 1.821843 | .6287628 | 4.520297 | 1.124864 | .2652796 | .0711867 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1172642 | .1057605 | .3654057 | .0809180 | .1674311 | 55.66622 | 5.710048 |
| #2 | .1198048 | .1093450 | .3649432 | .0856082 | .1710285 | 55.87233 | 5.715808 |
| #3 | .1155406 | .1062161 | .3691457 | .0783299 | .1703311 | 55.95353 | 5.717904 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0884835 | .0992545 | 14.09991 | .4884143 | 1.015980 | .5516022 | 123.5696 |
| Stddev | .0004347 | .0001335 | .01515   | .0035837 | .002591  | .0019018 | .4861    |
| %RSD   | .4913198 | .1344612 | .1074465 | .7337478 | .2550496 | .3447820 | .3934017 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0880120 | .0992440 | 14.11734 | .4843423 | 1.017550 | .5500094 | 123.3754 |
| #2 | .0888685 | .0991266 | 14.09253 | .4910885 | 1.012989 | .5510894 | 124.1228 |
| #3 | .0885701 | .0993929 | 14.08987 | .4898121 | 1.017401 | .5537079 | 123.2106 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.745491 | 8.587379 | 1.070712 | .0760398 | .3861146 | 1.120675 | 1.755438 |
| Stddev | .021167  | .050616  | .003280  | .0003724 | .0329038 | .002462  | .006279  |
| %RSD   | .2732784 | .5894241 | .3063599 | .4897067 | 8.521774 | .2197004 | .3576625 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.732433 | 8.530210 | 1.072763 | .0756728 | .3975876 | 1.122470 | 1.762432 |
| #2 | 7.769912 | 8.626490 | 1.066929 | .0760292 | .3490103 | 1.117868 | 1.753592 |
| #3 | 7.734127 | 8.605435 | 1.072444 | .0764173 | .4117460 | 1.121687 | 1.750289 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.369560 | 1.892909 | -.007166 | .0000120 | .5011008 | 5.360292 | .0069204 |
| Stddev | .037505  | .004856  | .001725  | .0009003 | .0081055 | .008925  | .0020457 |
| %RSD   | 1.113067 | .2565169 | 24.07482 | 7501.381 | 1.617530 | .1665006 | 29.56036 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.381182 | 1.893397 | -.009158 | -.001020 | .5003581 | 5.352032 | .0078274 |
| #2 | 3.399878 | 1.887828 | -.006167 | .000640  | .4933922 | 5.359084 | .0083558 |
| #3 | 3.327619 | 1.897503 | -.006173 | .000416  | .5095520 | 5.369759 | .0045780 |

Sample Name: I2116-17      Acquired: 3/11/2017 14:51:31      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MG9WL7S      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5661193 | .0281236 | .0344034 |
| Stddev | .0018749 | .0003878 | .0000920 |
| %RSD   | .3311830 | 1.379071 | .2673829 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .5639988 | .0284365 | .0344086 |
| #2 | .5675575 | .0282446 | .0344927 |
| #3 | .5668016 | .0276896 | .0343089 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 791.3083 | 1227.089 | 39760.29 | 8584.905 | 1969.185 |
| Stddev    | 1.8711   | 1.258    | 146.15   | 19.641   | 3.111    |
| %RSD      | .2364614 | .1025549 | .3675834 | .2287903 | .1579937 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 789.8990 | 1228.335 | 39820.85 | 8590.406 | 1966.834 |
| #2 | 790.5946 | 1225.819 | 39593.59 | 8563.100 | 1972.713 |
| #3 | 793.4312 | 1227.112 | 39866.42 | 8601.210 | 1968.009 |

Sample Name: I2116-15LX5      Acquired: 3/11/2017 14:55:29      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WL7L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0124744 | .0028920 | .0686439 | -.000860 | .0017058 | 11.44019 | .4286118 |
| Stddev | .0104708 | .0026664 | .0010891 | .002679  | .0005916 | .03634   | .0019082 |
| %RSD   | 83.93869 | 92.19985 | 1.586532 | 311.4524 | 34.68300 | .3176417 | .4451986 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0144209 | .0001520 | .0693581 | -.003927 | .0021194 | 11.47532 | .4307115 |
| #2 | .0011669 | .0054782 | .0691831 | .000318  | .0019698 | 11.44250 | .4281406 |
| #3 | .0218353 | .0030457 | .0673904 | .001028  | .0010281 | 11.40275 | .4269834 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0012880 | .0015706 | 3.113214 | .0270208 | .0132408 | .0238235 | 27.17656 |
| Stddev | .0000393 | .0001510 | .012828  | .0009478 | .0002949 | .0010893 | .10423   |
| %RSD   | 3.051645 | 9.614552 | .4120600 | 3.507566 | 2.227143 | 4.572489 | .3835311 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0012461 | .0017446 | 3.124193 | .0266104 | .0134289 | .0246190 | 27.29645 |
| #2 | .0013241 | .0014935 | 3.116335 | .0281047 | .0133926 | .0242695 | 27.10750 |
| #3 | .0012938 | .0014737 | 3.099113 | .0263475 | .0129010 | .0225819 | 27.12572 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.529748 | 1.952797 | .0233490 | -.000953 | .0841865 | .0358550 | .2013793 |
| Stddev | .010913  | .041987  | .0002632 | .000107  | .1594817 | .0019253 | .0082737 |
| %RSD   | .7133821 | 2.150107 | 1.127427 | 11.24327 | 189.4386 | 5.369685 | 4.108531 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.538005 | 1.989474 | .0230987 | -.000872 | .0789806 | .0378065 | .1983521 |
| #2 | 1.517376 | 1.906999 | .0236235 | -.000913 | .2462074 | .0339571 | .2107402 |
| #3 | 1.533863 | 1.961919 | .0233248 | -.001075 | -.072629 | .0358013 | .1950454 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5316854 | .3978989 | -.004642 | .0001164 | .1097499 | .7166273 | .0040318 |
| Stddev | .0366228 | .0046389 | .000127  | .0005310 | .0041723 | .0016663 | .0020535 |
| %RSD   | 6.888065 | 1.165848 | 2.738580 | 456.2995 | 3.801657 | .2325215 | 50.93354 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5703022 | .3991787 | -.004498 | .0007112 | .1061503 | .7151099 | .0021470 |
| #2 | .5273034 | .4017635 | -.004737 | -.000310 | .1087766 | .7184106 | .0037280 |
| #3 | .4974508 | .3927544 | -.004691 | -.000052 | .1143229 | .7163613 | .0062202 |

Sample Name: I2116-15LX5      Acquired: 3/11/2017 14:55:29      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MG9WL7L      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .1151249 | .0050741 | .0074340 |
| Stddev | .0018070 | .0003383 | .0000345 |
| %RSD   | 1.569565 | 6.666315 | .4640044 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .1154590 | .0047130 | .0074688 |
| #2 | .1167415 | .0051257 | .0074334 |
| #3 | .1131742 | .0053836 | .0073998 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 743.1094 | 1176.611 | 36708.79 | 7917.190 | 2049.799 |
| Stddev    | 22.9840  | 4.857    | 1131.84  | 52.393   | 10.361   |
| %RSD      | 3.092944 | .4128244 | 3.083302 | .6617568 | .5054478 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 754.5824 | 1171.016 | 37297.35 | 7856.758 | 2039.245 |
| #2 | 716.6476 | 1179.068 | 35403.93 | 7949.850 | 2050.198 |
| #3 | 758.0983 | 1179.749 | 37425.09 | 7944.962 | 2059.955 |

Sample Name: I2117-07      Acquired: 3/11/2017 14:59:37      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WM9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0535966 | .0013762 | .2404183 | .0009666 | .0036895 | 38.13953 | 1.902714 |
| Stddev | .0008716 | .0016197 | .0015199 | .0033141 | .0010122 | .14586   | .005318  |
| %RSD   | 1.626287 | 117.6950 | .6322089 | 342.8533 | 27.43347 | .3824417 | .2794957 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0542973 | .0012400 | .2421221 | .0035642 | .0047369 | 38.06885 | 1.899464 |
| #2 | .0526205 | .0030597 | .2399315 | .0021015 | .0027168 | 38.30726 | 1.908851 |
| #3 | .0538719 | -.000171 | .2392015 | -.002766 | .0036147 | 38.04247 | 1.899827 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0048318 | .0060644 | 10.48864 | .0986462 | .0542318 | .0925091 | 106.9976 |
| Stddev | .0000816 | .0000919 | .02889   | .0002911 | .0004053 | .0003127 | .2310    |
| %RSD   | 1.688452 | 1.515863 | .2753939 | .2951396 | .7474095 | .3380178 | .2158769 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0049122 | .0061634 | 10.52128 | .0985123 | .0538750 | .0921738 | 107.1288 |
| #2 | .0048342 | .0060480 | 10.46638 | .0989802 | .0541478 | .0927928 | 107.1331 |
| #3 | .0047491 | .0059818 | 10.47825 | .0984461 | .0546726 | .0925606 | 106.7309 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.474497 | 6.326125 | .0876765 | -.002957 | .3335840 | .1524004 | .7422742 |
| Stddev | .015032  | .050050  | .0002222 | .000180  | .1135178 | .0024270 | .0040038 |
| %RSD   | .2745785 | .7911569 | .2534800 | 6.099307 | 34.02974 | 1.592521 | .5394022 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.488185 | 6.361263 | .0877267 | -.002749 | .2295192 | .1551892 | .7466654 |
| #2 | 5.476896 | 6.268820 | .0874335 | -.003066 | .3165934 | .1512449 | .7388260 |
| #3 | 5.458410 | 6.348291 | .0878694 | -.003057 | .4546395 | .1507670 | .7413314 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.158852 | 1.987117 | -.008406 | .0003095 | .3397209 | 1.937949 | .0116058 |
| Stddev | .022206  | .005363  | .001429  | .0005640 | .0087297 | .004665  | .0018923 |
| %RSD   | 1.028610 | .2698701 | 17.00408 | 182.2157 | 2.569664 | .2406954 | 16.30448 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.161966 | 1.983305 | -.007322 | -.000016 | .3417012 | 1.937892 | .0129701 |
| #2 | 2.135254 | 1.984798 | -.010026 | -.000016 | .3301712 | 1.942643 | .0124017 |
| #3 | 2.179338 | 1.993249 | -.007871 | .000961  | .3472903 | 1.933314 | .0094456 |

Sample Name: I2117-07      Acquired: 3/11/2017 14:59:37      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WM9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5290517 | .0210385 | .0276022 |
| Stddev | .0022107 | .0004711 | .0001390 |
| %RSD   | .4178600 | 2.239480 | .5035296 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .5267259 | .0215531 | .0275177 |
| #2 | .5311257 | .0206282 | .0277626 |
| #3 | .5293035 | .0209343 | .0275262 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 796.0443 | 1225.826 | 39848.11 | 8518.245 | 2006.964 |
| Stddev    | 2.8125   | 3.052    | 106.82   | 21.764   | 4.806    |
| %RSD      | .3533114 | .2489620 | .2680623 | .2555028 | .2394527 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 794.7921 | 1228.140 | 39912.96 | 8493.144 | 2011.386 |
| #2 | 794.0754 | 1226.971 | 39906.55 | 8531.874 | 2007.655 |
| #3 | 799.2654 | 1222.368 | 39724.83 | 8529.716 | 2001.850 |

Sample Name: I2117-08      Acquired: 3/11/2017 15:03:40      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WM9D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0472864 | .0040752 | .2402412 | .0021352 | .0014144 | 37.96201 | 1.900545 |
| Stddev | .0028035 | .0050440 | .0016823 | .0046910 | .0015331 | .08258   | .002609  |
| %RSD   | 5.928793 | 123.7705 | .7002389 | 219.7039 | 108.3942 | .2175416 | .1372718 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0461965 | -.000355 | .2387960 | -.002027 | .0023741 | 37.98329 | 1.902961 |
| #2 | .0451915 | .009565  | .2398397 | .001214  | -.000354 | 37.87087 | 1.897779 |
| #3 | .0504712 | .003016  | .2420879 | .007218  | .002223  | 38.03187 | 1.900895 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0047034 | .0059964 | 10.49664 | .0991399 | .0536449 | .0921954 | 106.6228 |
| Stddev | .0000329 | .0001237 | .02871   | .0007682 | .0005302 | .0015169 | .2693    |
| %RSD   | .7003545 | 2.062946 | .2735064 | .7748332 | .9884170 | 1.645309 | .2526137 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0046815 | .0058577 | 10.50434 | .0985175 | .0530327 | .0939167 | 106.7383 |
| #2 | .0046874 | .0060363 | 10.46486 | .0999984 | .0539475 | .0910538 | 106.3150 |
| #3 | .0047413 | .0060953 | 10.52071 | .0989038 | .0539546 | .0916159 | 106.8152 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.450052 | 6.308468 | .0866988 | -.002923 | .2465518 | .1510264 | .7472867 |
| Stddev | .015473  | .039527  | .0005224 | .000066  | .0620246 | .0032749 | .0008404 |
| %RSD   | .2839143 | .6265651 | .6025328 | 2.272366 | 25.15681 | 2.168453 | .1124608 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.462049 | 6.351972 | .0863319 | -.002952 | .2716606 | .1519569 | .7463278 |
| #2 | 5.432587 | 6.298672 | .0872968 | -.002847 | .2920854 | .1537354 | .7476365 |
| #3 | 5.455520 | 6.274761 | .0864675 | -.002970 | .1759094 | .1473869 | .7478956 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.204873 | 1.994486 | -.009129 | .0003113 | .3304083 | 1.936147 | .0060179 |
| Stddev | .035466  | .003292  | .001224  | .0005355 | .0044300 | .007117  | .0021014 |
| %RSD   | 1.608531 | .1650384 | 13.41185 | 172.0343 | 1.340759 | .3675937 | 34.91848 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.215874 | 1.991764 | -.007722 | .0005073 | .3301500 | 1.934600 | .0081931 |
| #2 | 2.233535 | 1.993550 | -.009711 | .0007211 | .3261131 | 1.943910 | .0058614 |
| #3 | 2.165210 | 1.998145 | -.009953 | -.000295 | .3349617 | 1.929931 | .0039991 |

Sample Name: I2117-08      Acquired: 3/11/2017 15:03:40      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WM9D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5245989 | .0204348 | .0275928 |
| Stddev | .0025016 | .0004620 | .0000270 |
| %RSD   | .4768596 | 2.260769 | .0976877 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .5258012 | .0204358 | .0275728 |
| #2 | .5217231 | .0199723 | .0275822 |
| #3 | .5262724 | .0208962 | .0276235 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 786.7439 | 1223.763 | 39466.53 | 8478.749 | 2004.299 |
| Stddev    | .7791    | 2.613    | 118.72   | 9.447    | 3.543    |
| %RSD      | .0990241 | .2135176 | .3008116 | .1114185 | .1767716 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 787.4908 | 1224.948 | 39369.76 | 8489.538 | 2008.310 |
| #2 | 786.8044 | 1225.573 | 39430.83 | 8471.959 | 2002.992 |
| #3 | 785.9362 | 1220.767 | 39599.00 | 8474.750 | 2001.595 |

Sample Name: I2117-09      Acquired: 3/11/2017 15:07:44      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WM9S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1112937 | .1059503 | .2754496 | .0920446 | .1779305 | 41.08939 | 5.737583 |
| Stddev | .0083452 | .0004907 | .0020740 | .0050805 | .0015609 | .12916   | .020530  |
| %RSD   | 7.498356 | .4631106 | .7529409 | 5.519633 | .8772732 | .3143306 | .3578186 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1166631 | .1065055 | .2746364 | .0865713 | .1788888 | 41.20605 | 5.745465 |
| #2 | .1016794 | .1055748 | .2739054 | .0929528 | .1787735 | 40.95060 | 5.714279 |
| #3 | .1155385 | .1057707 | .2778069 | .0966098 | .1761294 | 41.11152 | 5.753003 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0888985 | .0988614 | 10.39674 | .4818925 | 1.014124 | .5508337 | 107.6416 |
| Stddev | .0001400 | .0006435 | .03666   | .0017196 | .005885  | .0051173 | .5062    |
| %RSD   | .1574365 | .6509161 | .3525696 | .3568398 | .5803469 | .9290017 | .4702623 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0888839 | .0982521 | 10.43768 | .4833830 | 1.009345 | .5513713 | 108.1078 |
| #2 | .0887664 | .0987977 | 10.36696 | .4800111 | 1.012330 | .5454689 | 107.1032 |
| #3 | .0890452 | .0995344 | 10.38558 | .4822835 | 1.020698 | .5556609 | 107.7138 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.346109 | 6.259423 | 1.057360 | .0780920 | .3016508 | 1.117350 | 1.626751 |
| Stddev | .032659  | .066512  | .007926  | .0005662 | .1060252 | .003768  | .007539  |
| %RSD   | .5146337 | 1.062584 | .7496046 | .7250858 | 35.14833 | .3372136 | .4634265 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.377236 | 6.330722 | 1.051054 | .0778806 | .2327413 | 1.121555 | 1.632428 |
| #2 | 6.312108 | 6.199052 | 1.054770 | .0776618 | .2484701 | 1.114281 | 1.629627 |
| #3 | 6.348985 | 6.248495 | 1.066258 | .0787335 | .4237409 | 1.116213 | 1.618198 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.221204 | 1.976557 | -.009743 | -.000054 | .3110748 | 2.499274 | .0108391 |
| Stddev | .025978  | .019039  | .000634  | .000419  | .0029834 | .004876  | .0017496 |
| %RSD   | 1.169531 | .9632224 | 6.503748 | 771.9016 | .9590598 | .1950936 | 16.14158 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.236797 | 1.955979 | -.010112 | -.000455 | .3087094 | 2.501717 | .0112992 |
| #2 | 2.191216 | 1.993545 | -.010106 | -.000089 | .3100886 | 2.493660 | .0123127 |
| #3 | 2.235600 | 1.980147 | -.009012 | .000381  | .3144265 | 2.502447 | .0089054 |

Sample Name: I2117-09      Acquired: 3/11/2017 15:07:44      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MG9WM9S      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5283839 | .0203356 | .0275783 |
| Stddev | .0021064 | .0001937 | .0000921 |
| %RSD   | .3986554 | .9523732 | .3337857 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .5308139 | .0205279 | .0275455 |
| #2 | .5270778 | .0203382 | .0275072 |
| #3 | .5272599 | .0201406 | .0276823 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 782.6028 | 1216.774 | 39208.65 | 8502.474 | 1997.063 |
| Stddev    | 7.3078   | 2.184    | 73.18    | 27.128   | 7.390    |
| %RSD      | .9337863 | .1794848 | .1866382 | .3190596 | .3700523 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 776.3720 | 1218.105 | 39150.86 | 8472.075 | 2002.142 |
| #2 | 780.7900 | 1217.963 | 39184.17 | 8524.221 | 2000.462 |
| #3 | 790.6464 | 1214.253 | 39290.93 | 8511.125 | 1988.585 |

Sample Name: I2117-07LX5      Acquired: 3/11/2017 15:11:42      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WM9L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0162916 | .0049856 | .0521524 | .0012815 | .0008576 | 8.778926 | .4384339 |
| Stddev | .0071910 | .0037049 | .0018228 | .0017633 | .0009722 | .100692  | .0054080 |
| %RSD   | 44.13927 | 74.31281 | 3.495151 | 137.5945 | 113.3549 | 1.146977 | 1.233484 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0120148 | .0014928 | .0525583 | -.000461 | .0017437 | 8.732436 | .4343611 |
| #2 | .0122662 | .0045927 | .0537380 | .003064  | .0010115 | 8.894464 | .4445698 |
| #3 | .0245938 | .0088714 | .0501608 | .001241  | -.000182 | 8.709879 | .4363708 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0011626 | .0012134 | 2.436872 | .0222778 | .0113493 | .0220569 | 24.92030 |
| Stddev | .0000623 | .0000553 | .040569  | .0002944 | .0003196 | .0012487 | .25600   |
| %RSD   | 5.360094 | 4.553144 | 1.664798 | 1.321558 | 2.816247 | 5.661096 | 1.027262 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0011688 | .0012706 | 2.396938 | .0222131 | .0109810 | .0208040 | 24.74017 |
| #2 | .0012217 | .0012095 | 2.478047 | .0225992 | .0115128 | .0220656 | 25.21334 |
| #3 | .0010975 | .0011603 | 2.435631 | .0220211 | .0115541 | .0233013 | 24.80739 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.274253 | 1.480637 | .0183464 | -.000851 | .0990329 | .0328282 | .1734074 |
| Stddev | .011532  | .019836  | .0009120 | .000057  | .0343177 | .0032597 | .0008975 |
| %RSD   | .9050312 | 1.339727 | 4.971243 | 6.644731 | 34.65281 | 9.929497 | .5175877 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.266362 | 1.481146 | .0193838 | -.000915 | .0803254 | .0348768 | .1741084 |
| #2 | 1.287489 | 1.500214 | .0179848 | -.000811 | .1386393 | .0290693 | .1737180 |
| #3 | 1.268910 | 1.460550 | .0176706 | -.000826 | .0781340 | .0345384 | .1723958 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2923987 | .4277327 | -.003774 | -.000000 | .0715443 | .4511307 | .0035728 |
| Stddev | .0681727 | .0049547 | .000894  | .000159  | .0024528 | .0039303 | .0006792 |
| %RSD   | 23.31498 | 1.158358 | 23.69529 | 172958.8 | 3.428315 | .8712192 | 19.01070 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2159882 | .4321081 | -.004656 | .000112  | .0698440 | .4486079 | .0028053 |
| #2 | .3469928 | .4287373 | -.003800 | -.000183 | .0743560 | .4556592 | .0040962 |
| #3 | .3142150 | .4223527 | -.002868 | .000070  | .0704328 | .4491250 | .0038170 |

Sample Name: I2117-07LX5      Acquired: 3/11/2017 15:11:42      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MG9WM9L      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .1217065 | .0037889 | .0064055 |
| Stddev | .0013737 | .0007052 | .0001530 |
| %RSD   | 1.128723 | 18.61139 | 2.388183 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .1214112 | .0040300 | .0063034 |
| #2 | .1232039 | .0043420 | .0065814 |
| #3 | .1205044 | .0029948 | .0063316 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 757.1461 | 1176.658 | 37278.03 | 7872.256 | 2064.225 |
| Stddev    | 1.8394   | 3.381    | 132.41   | 50.220   | 3.265    |
| %RSD      | .2429424 | .2873737 | .3552018 | .6379417 | .1581904 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 755.1607 | 1175.587 | 37194.67 | 7919.212 | 2064.028 |
| #2 | 758.7924 | 1180.446 | 37430.71 | 7819.308 | 2067.584 |
| #3 | 757.4850 | 1173.942 | 37208.71 | 7878.248 | 2061.062 |

Sample Name: CCV067      Acquired: 3/11/2017 15:15:49      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV067      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.007563 | 4.784876 | 24.54800 | 4.890478 | 4.920012 | 385.8418 | 9.726097 |
| Stddev | .019605  | .024348  | .05880   | .028071  | .011425  | .8534    | .105235  |
| %RSD   | .3915039 | .5088552 | .2395196 | .5739834 | .2322077 | .2211841 | 1.081986 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.018043 | 4.812373 | 24.61480 | 4.913989 | 4.925626 | 386.2816 | 9.690917 |
| #2 | 4.984946 | 4.776206 | 24.52513 | 4.859399 | 4.906866 | 384.8582 | 9.844415 |
| #3 | 5.019701 | 4.766050 | 24.50407 | 4.898044 | 4.927543 | 386.3857 | 9.642958 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4826618 | 2.471770 | 388.3191 | 15.24528 | 2.470389 | 15.07710 | 388.6914 |
| Stddev | .0031497 | .006033  | 2.0297   | .11141   | .006593  | .00957   | 1.5193   |
| %RSD   | .6525687 | .2440940 | .5226966 | .7307960 | .2668735 | .0634514 | .3908869 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4797224 | 2.478620 | 387.9584 | 15.12381 | 2.477998 | 15.08221 | 389.0492 |
| #2 | .4822766 | 2.469445 | 386.4938 | 15.26933 | 2.466805 | 15.06606 | 387.0251 |
| #3 | .4859864 | 2.467246 | 390.5050 | 15.34271 | 2.466365 | 15.08302 | 389.9999 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.48330 | 388.2833 | 2.472045 | 1.266890 | 384.0809 | 2.418888 | 14.90484 |
| Stddev | .06659   | 1.3901   | .011946  | .005454  | 1.6659   | .007415  | .08378   |
| %RSD   | .4597488 | .3580159 | .4832418 | .4305231 | .4337441 | .3065400 | .5620793 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 14.47565 | 388.2648 | 2.485838 | 1.261133 | 385.0293 | 2.419655 | 14.81039 |
| #2 | 14.42087 | 386.9025 | 2.465014 | 1.267555 | 382.1573 | 2.411119 | 14.93395 |
| #3 | 14.55338 | 389.6825 | 2.465282 | 1.271981 | 385.0561 | 2.425889 | 14.97017 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 153.3795 | 5.038833 | 4.731237 | 4.870236 | 5.023175 | 4.775399 | 4.927407 |
| Stddev | .2316    | .010744  | .028670  | .016244  | .035915  | .023135  | .032968  |
| %RSD   | .1510162 | .2132312 | .6059641 | .3335344 | .7149904 | .4844533 | .6690780 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 153.6469 | 5.049018 | 4.704317 | 4.885273 | 5.062635 | 4.756623 | 4.965333 |
| #2 | 153.2395 | 5.039875 | 4.728012 | 4.853008 | 5.014494 | 4.768331 | 4.911289 |
| #3 | 153.2523 | 5.027605 | 4.761383 | 4.872428 | 4.992395 | 4.801243 | 4.905598 |

Sample Name: CCV067      Acquired: 3/11/2017 15:15:49      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV067      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.848470 | 5.063281 | 4.965759 |
| Stddev | .008971  | .012771  | .021248  |
| %RSD   | .1850205 | .2522239 | .4278964 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 4.849446 | 5.078026 | 4.955124 |
| #2 | 4.839051 | 5.055777 | 4.951928 |
| #3 | 4.856913 | 5.056038 | 4.990225 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 616.6313 | 951.1002 | 32178.79 | 7231.426 | 1519.185 |
| Stddev    | .8517    | 3.1012   | 82.95    | 19.513   | 5.962    |
| %RSD      | .1381207 | .3260601 | .2577926 | .2698345 | .3924760 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 616.8054 | 948.2774 | 32265.11 | 7245.656 | 1512.332 |
| #2 | 615.7060 | 954.4197 | 32171.61 | 7239.440 | 1523.184 |
| #3 | 617.3824 | 950.6036 | 32099.67 | 7209.182 | 1522.039 |

Sample Name: CCB067      Acquired: 3/11/2017 15:19:59      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB067      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0010570 | .0033620 | .0002041 | -.000588 | .0006077 | .0011288 | -.000608 |
| Stddev | .0031619 | .0046930 | .0019649 | .002858  | .0009046 | .0074671 | .000146  |
| %RSD   | 299.1499 | 139.5919 | 962.8498 | 485.9720 | 148.8558 | 661.5001 | 24.03047 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.002544 | .0021689 | -.000043 | .000804  | .0000595 | .0031873 | -.000652 |
| #2 | .002335  | -.000619 | -.001626 | .001307  | .0016518 | .0073508 | -.000727 |
| #3 | .003380  | .008536  | .002281  | -.003876 | .0001118 | -.007152 | -.000445 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000552 | .0002930 | .0002324 | .0001091 | .0001372 | .0006207 | -.008684 |
| Stddev | .0000212 | .0000873 | .0071943 | .0004404 | .0000548 | .0007781 | .007598  |
| %RSD   | 38.43329 | 29.80871 | 3095.231 | 403.7729 | 39.94325 | 125.3533 | 87.49677 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000358 | .0003851 | -.005933 | .0005123 | .0001549 | -.000233 | -.014873 |
| #2 | .0000521 | .0002114 | -.001506 | .0001758 | .0000757 | .001290  | -.010976 |
| #3 | .0000778 | .0002824 | .008137  | -.000361 | .0001808 | .000805  | -.000204 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000356 | -.002132 | .0006292 | -.000251 | -.035850 | -.005173 | .0000140 |
| Stddev | .000218  | .043804  | .0007438 | .000318  | .068479  | .002712  | .0001764 |
| %RSD   | 61.26595 | 2055.004 | 118.2199 | 126.7418 | 191.0161 | 52.42565 | 1264.449 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000554 | .000287  | .0013900 | -.000380 | .036723  | -.003694 | .0001039 |
| #2 | -.000391 | -.047095 | -.000096 | -.000485 | -.099326 | -.008302 | -.000189 |
| #3 | -.000123 | .040413  | .000594  | .000111  | -.044947 | -.003521 | .000127  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.193530 | .0033751 | .0028176 | .0002223 | -.001502 | -.001491 | .0026247 |
| Stddev | .067706  | .0067218 | .0005698 | .0002018 | .003218  | .000527  | .0021263 |
| %RSD   | 34.98492 | 199.1588 | 20.22198 | 90.81118 | 214.2660 | 35.37176 | 81.00885 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.249474 | -.000567 | .0021603 | .0004167 | -.004392 | -.001389 | .0017142 |
| #2 | -.212854 | -.000444 | .0031718 | .0002364 | .001966  | -.001022 | .0011054 |
| #3 | -.118263 | .011136  | .0031206 | .0000137 | -.002080 | -.002062 | .0050547 |

Sample Name: CCB067      Acquired: 3/11/2017 15:19:59      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: CCB067      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0005642 | -.000333 | .0000516 |
| Stddev | .0003586 | .000580  | .0000439 |
| %RSD   | 63.56327 | 174.2920 | 85.04624 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0001501 | -.000936 | .0000939 |
| #2 | .0007681 | .000220  | .0000545 |
| #3 | .0007743 | -.000282 | .0000064 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 735.0204 | 1159.179 | 36164.92 | 7709.408 | 2074.592 |
| Stddev    | 6.7345   | 5.749    | 504.78   | 70.207   | 5.965    |
| %RSD      | .9162390 | .4959714 | 1.395763 | .9106635 | .2875487 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 738.0332 | 1154.389 | 36320.65 | 7786.850 | 2070.187 |
| #2 | 739.7225 | 1157.594 | 36573.47 | 7649.925 | 2072.208 |
| #3 | 727.3054 | 1165.554 | 35600.62 | 7691.450 | 2081.381 |

Sample Name: I2118-10      Acquired: 3/11/2017 15:24:06      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WQ2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0937375 | .0060544 | 21.46385 | .0083798 | .0069871 | 97.31380 | 12.84056 |
| Stddev | .0050237 | .0069506 | .09088   | .0021951 | .0025576 | .21863   | .02558   |
| %RSD   | 5.359334 | 114.8015 | .4233937 | 26.19491 | 36.60516 | .2246663 | .1991910 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0993852 | .0117630 | 21.36259 | .0108464 | .0043142 | 97.45475 | 12.81122 |
| #2 | .0920607 | -.001685 | 21.53833 | .0076515 | .0072356 | 97.06194 | 12.85226 |
| #3 | .0897667 | .008086  | 21.49062 | .0066414 | .0094113 | 97.42471 | 12.85819 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0101634 | .0878558 | 224.1365 | .1222486 | .2540154 | .5794174 | 210.8404 |
| Stddev | .0001179 | .0001165 | .2987    | .0006657 | .0009438 | .0017063 | .4027    |
| %RSD   | 1.159772 | .1326113 | .1332876 | .5445105 | .3715738 | .2944799 | .1910084 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0100519 | .0879895 | 223.7919 | .1225901 | .2532707 | .5808116 | 210.4331 |
| #2 | .0101516 | .0878013 | 224.2945 | .1226742 | .2550769 | .5799258 | 211.2384 |
| #3 | .0102867 | .0877765 | 224.3230 | .1214815 | .2536986 | .5775147 | 210.8499 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 17.62172 | 104.5996 | .2833069 | -.001965 | .8199594 | .2996911 | 5.863030 |
| Stddev | .04164   | .4129    | .0005767 | .000088  | .0762603 | .0044896 | .031393  |
| %RSD   | .2362717 | .3947084 | .2035524 | 4.486884 | 9.300493 | 1.498084 | .5354384 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 17.57368 | 104.1457 | .2827120 | -.001866 | .7377104 | .2977232 | 5.881561 |
| #2 | 17.64729 | 104.9527 | .2838635 | -.002036 | .8338451 | .3048287 | 5.880745 |
| #3 | 17.64419 | 104.7005 | .2833453 | -.001993 | .8883228 | .2965215 | 5.826783 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.180194 | 6.134251 | -.009573 | .0007478 | 7.797245 | 5.620999 | .0153523 |
| Stddev | .032508  | .034302  | .001683  | .0007772 | .023005  | .022372  | .0035775 |
| %RSD   | .3973940 | .5591880 | 17.57578 | 103.9320 | .2950442 | .3980076 | 23.30252 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 8.216237 | 6.109796 | -.007631 | -.000120 | 7.777473 | 5.605128 | .0181968 |
| #2 | 8.171250 | 6.119496 | -.010596 | .000985  | 7.791767 | 5.646587 | .0165242 |
| #3 | 8.153094 | 6.173462 | -.010492 | .001379  | 7.822494 | 5.611282 | .0113358 |

Sample Name: I2118-10      Acquired: 3/11/2017 15:24:06      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WQ2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .6596469 | .0608449 | .1983746 |
| Stddev | .0034279 | .0007436 | .0005741 |
| %RSD   | .5196571 | 1.222056 | .2894134 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .6618837 | .0613820 | .1988099 |
| #2 | .6613566 | .0611565 | .1985899 |
| #3 | .6557004 | .0599962 | .1977240 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 793.7120 | 1226.399 | 40711.52 | 9097.260 | 1750.114 |
| Stddev    | 4.2730   | 3.536    | 272.18   | 21.642   | 5.393    |
| %RSD      | .5383525 | .2883236 | .6685559 | .2378986 | .3081516 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 790.4635 | 1230.332 | 40547.83 | 9115.622 | 1756.331 |
| #2 | 792.1201 | 1223.482 | 40561.02 | 9073.399 | 1746.698 |
| #3 | 798.5524 | 1225.385 | 41025.71 | 9102.759 | 1747.313 |

Sample Name: I2118-11      Acquired: 3/11/2017 15:28:16      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WQ2D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0988689 | -.002356 | 21.35786 | .0023405 | .0064226 | 97.30355 | 12.79184 |
| Stddev | .0058832 | .001186  | .18238   | .0033594 | .0055639 | .21234   | .10273   |
| %RSD   | 5.950517 | 50.32645 | .8539396 | 143.5350 | 86.62996 | .2182211 | .8031287 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1020421 | -.003582 | 21.19699 | -.001500 | .0056589 | 97.28239 | 12.79451 |
| #2 | .1024842 | -.002272 | 21.32058 | .004735  | .0012800 | 97.10259 | 12.89322 |
| #3 | .0920804 | -.001215 | 21.55599 | .003786  | .0123289 | 97.52568 | 12.68780 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0101911 | .0872504 | 224.5557 | .1236683 | .2506531 | .5813131 | 210.9217 |
| Stddev | .0001235 | .0010591 | .9763    | .0008519 | .0032418 | .0015839 | .5720    |
| %RSD   | 1.211936 | 1.213805 | .4347862 | .6888956 | 1.293359 | .2724618 | .2712108 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0102674 | .0862035 | 223.5078 | .1232722 | .2472876 | .5830094 | 210.4422 |
| #2 | .0100486 | .0872266 | 224.7194 | .1246461 | .2509166 | .5798728 | 210.7679 |
| #3 | .0102574 | .0883212 | 225.4398 | .1230864 | .2537552 | .5810572 | 211.5549 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 17.62869 | 104.4466 | .2801991 | -.002337 | .7391172 | .3023529 | 5.874599 |
| Stddev | .05197   | .2626    | .0022239 | .000047  | .0657213 | .0031046 | .065402  |
| %RSD   | .2947852 | .2514122 | .7936815 | 1.992882 | 8.891866 | 1.026820 | 1.113309 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 17.58826 | 104.1493 | .2777441 | -.002315 | .7448312 | .3005530 | 5.799233 |
| #2 | 17.61051 | 104.5435 | .2807745 | -.002391 | .8017950 | .3005678 | 5.916462 |
| #3 | 17.68731 | 104.6470 | .2820788 | -.002306 | .6707255 | .3059378 | 5.908101 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.161055 | 6.081982 | -.009840 | .0011813 | 7.751826 | 5.645770 | .0156217 |
| Stddev | .039192  | .057123  | .002364  | .0001868 | .074077  | .051864  | .0029650 |
| %RSD   | .4802312 | .9392162 | 24.02967 | 15.81140 | .9556026 | .9186389 | 18.98016 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 8.131718 | 6.020649 | -.008091 | .0012607 | 7.687851 | 5.606647 | .0180696 |
| #2 | 8.145883 | 6.091632 | -.008898 | .0013152 | 7.734642 | 5.626065 | .0164707 |
| #3 | 8.205565 | 6.133666 | -.012530 | .0009679 | 7.832984 | 5.704599 | .0123248 |

Sample Name: I2118-11      Acquired: 3/11/2017 15:28:16      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WQ2D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .6601731 | .0604980 | .1987487 |
| Stddev | .0006073 | .0001991 | .0004623 |
| %RSD   | .0919905 | .3291927 | .2326033 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .6602568 | .0602680 | .1983491 |
| #2 | .6595283 | .0606141 | .1986420 |
| #3 | .6607343 | .0606117 | .1992550 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 789.6205 | 1232.551 | 40336.85 | 9030.999 | 1760.843 |
| Stddev    | 8.6103   | 6.530    | 243.17   | 48.549   | 10.536   |
| %RSD      | 1.090432 | .5297649 | .6028371 | .5375803 | .5983365 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 799.2519 | 1235.256 | 40568.20 | 9056.852 | 1769.646 |
| #2 | 782.6684 | 1237.292 | 40083.38 | 9061.151 | 1763.712 |
| #3 | 786.9411 | 1225.103 | 40358.96 | 8974.995 | 1749.169 |

Sample Name: I2118-12      Acquired: 3/11/2017 15:32:24      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WQ2S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1590587 | .1018076 | 20.97341 | .0877864 | .1779815 | 97.96270 | 16.06194 |
| Stddev | .0044683 | .0052501 | .11483   | .0044305 | .0020908 | .09275   | .08191   |
| %RSD   | 2.809194 | 5.156878 | .5474917 | 5.046877 | 1.174733 | .0946838 | .5099410 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1552699 | .0985029 | 21.08161 | .0828295 | .1802219 | 98.06803 | 16.09778 |
| #2 | .1579202 | .0990585 | 20.98569 | .0891690 | .1776403 | 97.89323 | 15.96822 |
| #3 | .1639861 | .1078614 | 20.85294 | .0913607 | .1760823 | 97.92685 | 16.11982 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0889408 | .1801682 | 218.2455 | .4533033 | 1.234498 | .9940851 | 207.0030 |
| Stddev | .0000628 | .0013050 | .7968    | .0035969 | .005812  | .0008987 | .7670    |
| %RSD   | .0705938 | .7243175 | .3650725 | .7934896 | .4708299 | .0904036 | .3705426 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0890121 | .1813711 | 218.4845 | .4491514 | 1.239568 | .9945918 | 207.3560 |
| #2 | .0888938 | .1803527 | 217.3566 | .4554740 | 1.235773 | .9946160 | 206.1230 |
| #3 | .0889165 | .1787807 | 218.8954 | .4552845 | 1.228154 | .9930475 | 207.5300 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 17.98376 | 101.6453 | 1.261396 | .0758856 | .7890114 | 1.172085 | 6.475372 |
| Stddev | .05222   | .2725    | .005306  | .0002698 | .0753118 | .005309  | .048976  |
| %RSD   | .2903766 | .2680632 | .4206566 | .3554849 | 9.545084 | .4529243 | .7563371 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 18.00506 | 101.7193 | 1.266136 | .0756165 | .7366603 | 1.178148 | 6.465875 |
| #2 | 17.92426 | 101.3434 | 1.262388 | .0761561 | .8753234 | 1.168273 | 6.528401 |
| #3 | 18.02196 | 101.8731 | 1.255664 | .0758844 | .7550505 | 1.169834 | 6.431841 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.853334 | 5.948302 | -.010612 | .0002717 | 7.556377 | 5.830562 | .0117168 |
| Stddev | .031359  | .035379  | .001141  | .0009103 | .018819  | .029908  | .0037573 |
| %RSD   | .3993026 | .5947808 | 10.75626 | 334.9938 | .2490460 | .5129442 | 32.06776 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.824602 | 5.968963 | -.009330 | -.000779 | 7.577046 | 5.855913 | .0127108 |
| #2 | 7.848617 | 5.968493 | -.010990 | .000763  | 7.551850 | 5.797577 | .0148771 |
| #3 | 7.886784 | 5.907450 | -.011517 | .000831  | 7.540234 | 5.838194 | .0075624 |

Sample Name: I2118-12      Acquired: 3/11/2017 15:32:24      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WQ2S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .6453202 | .0588820 | .1932763 |
| Stddev | .0021350 | .0003939 | .0002705 |
| %RSD   | .3308362 | .6689774 | .1399339 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .6470033 | .0584401 | .1930013 |
| #2 | .6429187 | .0590098 | .1935420 |
| #3 | .6460385 | .0591962 | .1932855 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 792.4213 | 1209.570 | 40553.68 | 9023.969 | 1738.745 |
| Stddev    | 4.7455   | 6.504    | 130.10   | 31.939   | 8.628    |
| %RSD      | .5988609 | .5377089 | .3208178 | .3539360 | .4962339 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 793.8333 | 1202.138 | 40666.66 | 8993.752 | 1730.628 |
| #2 | 787.1300 | 1212.351 | 40411.44 | 9057.389 | 1737.799 |
| #3 | 796.3006 | 1214.220 | 40582.95 | 9020.767 | 1747.807 |

Sample Name: I2118-10LX5      Acquired: 3/11/2017 15:36:29      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WQ2L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0217825 | .0019019 | 4.413284 | -.001865 | .0007799 | 21.38389 | 2.960839 |
| Stddev | .0081666 | .0035165 | .037549  | .002429  | .0006532 | .05548   | .002444  |
| %RSD   | 37.49171 | 184.8906 | .8508182 | 130.2194 | 83.75195 | .2594405 | .0825570 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0225249 | .0024430 | 4.412836 | -.004655 | .0000257 | 21.33507 | 2.961135 |
| #2 | .0132700 | .0051165 | 4.375962 | -.000721 | .0011517 | 21.37239 | 2.963122 |
| #3 | .0295525 | -.001854 | 4.451056 | -.000220 | .0011624 | 21.44422 | 2.958260 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0022903 | .0176134 | 51.42165 | .0292028 | .0488411 | .1339476 | 49.97236 |
| Stddev | .0000576 | .0001430 | .24013   | .0002742 | .0006943 | .0011286 | .30528   |
| %RSD   | 2.514804 | .8120290 | .4669842 | .9388030 | 1.421458 | .8426008 | .6108893 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0022497 | .0176842 | 51.33772 | .0289881 | .0491064 | .1348660 | 49.88559 |
| #2 | .0023562 | .0174487 | 51.23475 | .0295116 | .0480533 | .1342892 | 49.71986 |
| #3 | .0022650 | .0177072 | 51.69248 | .0291087 | .0493635 | .1326877 | 50.31163 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.187102 | 23.26371 | .0569100 | -.000407 | .1550593 | .0654865 | 1.383175 |
| Stddev | .016534  | .20593   | .0007625 | .000428  | .0140891 | .0023169 | .014934  |
| %RSD   | .3948881 | .8851912 | 1.339887 | 105.1022 | 9.086272 | 3.537936 | 1.079665 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.172670 | 23.11388 | .0566412 | -.000232 | .1425545 | .0675990 | 1.397654 |
| #2 | 4.183493 | 23.17873 | .0563184 | -.000895 | .1522994 | .0630087 | 1.384045 |
| #3 | 4.205143 | 23.49853 | .0577706 | -.000095 | .1703242 | .0658517 | 1.367825 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.555721 | 1.191198 | -.004417 | .0001254 | 1.502022 | 1.335740 | .0091484 |
| Stddev | .045482  | .014473  | .000925  | .0006735 | .012878  | .012143  | .0028688 |
| %RSD   | 2.923534 | 1.214956 | 20.95336 | 537.1766 | .8573742 | .9090942 | 31.35813 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.533307 | 1.190330 | -.004824 | .0007224 | 1.507369 | 1.336325 | .0061806 |
| #2 | 1.525796 | 1.177179 | -.003357 | -.000605 | 1.487332 | 1.323316 | .0093579 |
| #3 | 1.608060 | 1.206085 | -.005069 | .000258  | 1.511365 | 1.347581 | .0119067 |

Sample Name: I2118-10LX5      Acquired: 3/11/2017 15:36:29      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MG9WQ2L      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .1514916 | .0124346 | .0452228 |
| Stddev | .0018925 | .0005802 | .0001602 |
| %RSD   | 1.249228 | 4.665789 | .3541794 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .1509617 | .0118839 | .0452894 |
| #2 | .1499206 | .0130404 | .0450400 |
| #3 | .1535925 | .0123796 | .0453389 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 743.2925 | 1167.930 | 36916.32 | 8020.340 | 1964.716 |
| Stddev    | 10.7105  | 6.896    | 435.51   | 31.148   | 13.029   |
| %RSD      | 1.440950 | .5904090 | 1.179713 | .3883598 | .6631238 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 735.2584 | 1163.744 | 36436.08 | 8030.445 | 1960.170 |
| #2 | 739.1668 | 1175.889 | 37027.26 | 8045.180 | 1979.409 |
| #3 | 755.4523 | 1164.157 | 37285.63 | 7985.394 | 1954.570 |

Sample Name: I2119-06      Acquired: 3/11/2017 15:40:33      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WR8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1045927 | .0059272 | 1.133809 | .0025127 | .0078329 | 99.18448 | 4.827637 |
| Stddev | .0029390 | .0030408 | .006576  | .0036675 | .0012089 | .09404   | .015777  |
| %RSD   | 2.809980 | 51.30270 | .5799775 | 145.9596 | 15.43303 | .0948140 | .3267997 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1012747 | .0066312 | 1.130358 | -.001176 | .0081175 | 99.13156 | 4.843143 |
| #2 | .1068690 | .0085543 | 1.141392 | .002555  | .0088740 | 99.12883 | 4.828167 |
| #3 | .1056345 | .0025961 | 1.129678 | .006159  | .0065071 | 99.29306 | 4.811603 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0104712 | .0154265 | 22.94773 | .1487160 | .2051276 | .1928556 | 226.5474 |
| Stddev | .0001073 | .0000784 | .14430   | .0004120 | .0010969 | .0010474 | 1.0513   |
| %RSD   | 1.024676 | .5083788 | .6288238 | .2770545 | .5347575 | .5431210 | .4640316 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0104257 | .0153444 | 22.78891 | .1491704 | .2039720 | .1918968 | 225.3575 |
| #2 | .0105938 | .0154345 | 23.07079 | .1486108 | .2061545 | .1939735 | 227.3501 |
| #3 | .0103942 | .0155006 | 22.98350 | .1483667 | .2052564 | .1926966 | 226.9347 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 18.13783 | 16.74293 | .2255732 | -.007514 | .7271294 | .3804707 | 1.224700 |
| Stddev | .07276   | .08137   | .0019204 | .000199  | .0382540 | .0006939 | .002083  |
| %RSD   | .4011543 | .4859909 | .8513368 | 2.653002 | 5.260960 | .1823857 | .1701004 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 18.05523 | 16.65030 | .2234002 | -.007451 | .6977423 | .3808777 | 1.222897 |
| #2 | 18.19241 | 16.77558 | .2270423 | -.007737 | .7132630 | .3796694 | 1.224221 |
| #3 | 18.16586 | 16.80290 | .2262770 | -.007353 | .7703828 | .3808648 | 1.226981 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.724386 | 5.473799 | -.021926 | .0035884 | .3577007 | 2.579396 | .0159282 |
| Stddev | .024227  | .013756  | .001966  | .0002911 | .0097434 | .000869  | .0018817 |
| %RSD   | .2776943 | .2513073 | 8.965112 | 8.112314 | 2.723899 | .0337008 | 11.81375 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 8.710514 | 5.459156 | -.019792 | .0039245 | .3548441 | 2.578860 | .0138606 |
| #2 | 8.710284 | 5.486451 | -.023663 | .0034174 | .3497048 | 2.580399 | .0175404 |
| #3 | 8.752361 | 5.475788 | -.022321 | .0034233 | .3685531 | 2.578930 | .0163837 |

Sample Name: I2119-06      Acquired: 3/11/2017 15:40:33      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MG9WR8      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .9070643 | .0590534 | .1059418 |
| Stddev | .0059121 | .0008375 | .0001589 |
| %RSD   | .6517784 | 1.418173 | .1500273 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .9031140 | .0594886 | .1059697 |
| #2 | .9138611 | .0595836 | .1060849 |
| #3 | .9042177 | .0580879 | .1057708 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 852.0859 | 1315.648 | 42556.37 | 9272.841 | 1921.099 |
| Stddev    | .6784    | 9.626    | 95.71    | 28.051   | 11.176   |
| %RSD      | .0796125 | .7316914 | .2249120 | .3025038 | .5817663 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 852.6168 | 1325.629 | 42664.79 | 9303.950 | 1932.386 |
| #2 | 852.3192 | 1306.420 | 42483.58 | 9249.475 | 1910.037 |
| #3 | 851.3217 | 1314.897 | 42520.75 | 9265.099 | 1920.874 |

Sample Name: I2119-07      Acquired: 3/11/2017 15:44:36      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WR8D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1077737 | .0045008 | 1.123572 | .0083395 | .0047380 | 98.49598 | 4.801407 |
| Stddev | .0045697 | .0024960 | .004953  | .0043148 | .0003231 | .14848   | .013264  |
| %RSD   | 4.240128 | 55.45821 | .4408637 | 51.73918 | 6.819157 | .1507490 | .2762616 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1055431 | .0016190 | 1.120702 | .0133212 | .0048525 | 98.65974 | 4.813273 |
| #2 | .1047476 | .0059844 | 1.120723 | .0057816 | .0043732 | 98.37013 | 4.787087 |
| #3 | .1130303 | .0058989 | 1.129292 | .0059157 | .0049882 | 98.45807 | 4.803862 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0104469 | .0153619 | 22.66375 | .1462829 | .2028790 | .1914340 | 224.5414 |
| Stddev | .0000081 | .0002412 | .02970   | .0011529 | .0005922 | .0026029 | .4737    |
| %RSD   | .0777368 | 1.570393 | .1310585 | .7881359 | .2919091 | 1.359685 | .2109577 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0104391 | .0151414 | 22.69135 | .1476132 | .2026383 | .1918793 | 225.0370 |
| #2 | .0104463 | .0153247 | 22.63232 | .1456625 | .2024450 | .1886372 | 224.0932 |
| #3 | .0104553 | .0156195 | 22.66759 | .1455731 | .2035537 | .1937855 | 224.4940 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 17.99589 | 16.58966 | .2236355 | -.007447 | .6852507 | .3813248 | 1.212285 |
| Stddev | .02399   | .00646   | .0016902 | .000243  | .0836032 | .0012725 | .008531  |
| %RSD   | .1332864 | .0389655 | .7557641 | 3.267987 | 12.20038 | .3337015 | .7036907 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 18.01694 | 16.58809 | .2255056 | -.007329 | .7492512 | .3820779 | 1.217197 |
| #2 | 18.00096 | 16.58413 | .2222171 | -.007727 | .7158400 | .3820408 | 1.202435 |
| #3 | 17.96977 | 16.59677 | .2231839 | -.007285 | .5906609 | .3798556 | 1.217224 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.621571 | 5.427383 | -.020730 | .0040807 | .3513612 | 2.978681 | .0140175 |
| Stddev | .021555  | .030454  | .002146  | .0006017 | .0089429 | .013816  | .0029063 |
| %RSD   | .2500174 | .5611167 | 10.35049 | 14.74529 | 2.545212 | .4638388 | 20.73347 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 8.646343 | 5.419756 | -.022313 | .0035376 | .3485005 | 2.975915 | .0121007 |
| #2 | 8.607084 | 5.401467 | -.021589 | .0039770 | .3441987 | 2.993671 | .0173616 |
| #3 | 8.611287 | 5.460925 | -.018288 | .0047276 | .3613845 | 2.966457 | .0125904 |

Sample Name: I2119-07      Acquired: 3/11/2017 15:44:36      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WR8D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .9064876 | .0587491 | .1053106 |
| Stddev | .0028335 | .0003801 | .0001396 |
| %RSD   | .3125797 | .6469259 | .1325250 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .9097559 | .0586737 | .1054341 |
| #2 | .9049850 | .0591613 | .1051592 |
| #3 | .9047220 | .0584125 | .1053384 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 848.3698 | 1309.413 | 42402.75 | 9234.282 | 1917.040 |
| Stddev    | 7.1602   | 6.963    | 230.41   | 5.363    | 4.177    |
| %RSD      | .8439961 | .5317344 | .5433742 | .0580808 | .2178909 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 843.7783 | 1310.166 | 42185.73 | 9232.984 | 1914.552 |
| #2 | 856.6201 | 1315.968 | 42644.54 | 9229.687 | 1921.863 |
| #3 | 844.7108 | 1302.104 | 42377.97 | 9240.175 | 1914.706 |

Sample Name: I2119-08      Acquired: 3/11/2017 15:48:40      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WR8S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1698905 | .1091106 | 1.160290 | .0803599 | .1653214 | 103.2526 | 8.376320 |
| Stddev | .0048098 | .0035341 | .003970  | .0013540 | .0016241 | 1.2908   | .127788  |
| %RSD   | 2.831126 | 3.239019 | .3421463 | 1.684975 | .9824003 | 1.250123 | 1.525586 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1667263 | .1055387 | 1.161665 | .0817661 | .1671959 | 102.2513 | 8.287029 |
| #2 | .1754255 | .1091875 | 1.155816 | .0802487 | .1644330 | 104.7094 | 8.522701 |
| #3 | .1675198 | .1126057 | 1.163391 | .0790649 | .1643353 | 102.7971 | 8.319231 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0894862 | .1096193 | 23.01679 | .4915425 | 1.177237 | .6196031 | 228.8561 |
| Stddev | .0007478 | .0009028 | .31744   | .0069538 | .004866  | .0075848 | 2.9253   |
| %RSD   | .8356788 | .8235853 | 1.379165 | 1.414681 | .4133600 | 1.224139 | 1.278224 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0886513 | .1097203 | 22.72000 | .4929055 | 1.177645 | .6216314 | 226.4522 |
| #2 | .0900946 | .1086703 | 23.35147 | .4977139 | 1.172179 | .6259675 | 232.1131 |
| #3 | .0897127 | .1104674 | 22.97888 | .4840082 | 1.181885 | .6112103 | 228.0030 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 19.05556 | 16.80876 | 1.203883 | .0681157 | .6930498 | 1.288306 | 2.040220 |
| Stddev | .25620   | .35746   | .008274  | .0007410 | .0250157 | .017803  | .026330  |
| %RSD   | 1.344475 | 2.126605 | .6872369 | 1.087812 | 3.609515 | 1.381930 | 1.290561 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 18.83963 | 16.47192 | 1.202515 | .0682283 | .7089004 | 1.285217 | 2.048553 |
| #2 | 19.33865 | 17.18376 | 1.196378 | .0687939 | .7060375 | 1.307451 | 2.061376 |
| #3 | 18.98840 | 16.77059 | 1.212755 | .0673248 | .6642114 | 1.272248 | 2.010732 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.775431 | 5.450571 | -.020231 | .0026316 | .3511835 | 4.230571 | .0133490 |
| Stddev | .154566  | .060072  | .001032  | .0004018 | .0109604 | .038782  | .0032966 |
| %RSD   | 1.761352 | 1.102114 | 5.100613 | 15.26935 | 3.120975 | .9167154 | 24.69523 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 8.672053 | 5.421789 | -.020554 | .0023980 | .3497342 | 4.193771 | .0129257 |
| #2 | 8.953118 | 5.410305 | -.021063 | .0030956 | .3410199 | 4.271070 | .0168368 |
| #3 | 8.701122 | 5.519618 | -.019077 | .0024013 | .3627963 | 4.226872 | .0102846 |

Sample Name: I2119-08      Acquired: 3/11/2017 15:48:40      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WR8S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .9509655 | .0594898 | .1069799 |
| Stddev | .0118052 | .0014709 | .0012840 |
| %RSD   | 1.241389 | 2.472503 | 1.200269 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .9407320 | .0587611 | .1060907 |
| #2 | .9638809 | .0611828 | .1084520 |
| #3 | .9482835 | .0585255 | .1063969 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 846.2145 | 1309.593 | 42557.25 | 9218.174 | 1916.371 |
| Stddev    | 14.6228  | 4.099    | 652.86   | 105.311  | 7.997    |
| %RSD      | 1.728023 | .3130341 | 1.534069 | 1.142425 | .4173235 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 840.6127 | 1309.947 | 42449.36 | 9304.450 | 1914.919 |
| #2 | 835.2208 | 1313.505 | 41965.05 | 9100.823 | 1924.994 |
| #3 | 862.8100 | 1305.329 | 43257.33 | 9249.251 | 1909.198 |

Sample Name: I2119-06LX5      Acquired: 3/11/2017 15:52:49      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WR8L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0320264 | .0031080 | .2346630 | -.000116 | .0030682 | 22.55100 | 1.108204 |
| Stddev | .0041289 | .0029823 | .0029845 | .001600  | .0019358 | .05281   | .002817  |
| %RSD   | 12.89220 | 95.95545 | 1.271835 | 1374.197 | 63.09331 | .2341588 | .2541763 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0311638 | -.000305 | .2315202 | -.001938 | .0011192 | 22.49011 | 1.105976 |
| #2 | .0283970 | .005209  | .2374590 | .001061  | .0030949 | 22.57861 | 1.111370 |
| #3 | .0365185 | .004420  | .2350098 | .000528  | .0049906 | 22.58426 | 1.107265 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0025432 | .0030920 | 5.363257 | .0342777 | .0406590 | .0446100 | 53.92198 |
| Stddev | .0000664 | .0002257 | .006776  | .0004237 | .0001434 | .0006578 | .07979   |
| %RSD   | 2.610495 | 7.299308 | .1263492 | 1.236007 | .3527607 | 1.474540 | .1479715 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0025314 | .0032957 | 5.370329 | .0340078 | .0407271 | .0440003 | 53.84767 |
| #2 | .0026146 | .0028494 | 5.356822 | .0340594 | .0407557 | .0445225 | 54.00630 |
| #3 | .0024834 | .0031310 | 5.362619 | .0347661 | .0404942 | .0453071 | 53.91195 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.321004 | 3.987545 | .0462221 | -.001653 | .2469692 | .0842703 | .2878630 |
| Stddev | .007683  | .011522  | .0011842 | .000256  | .0302450 | .0024729 | .0016516 |
| %RSD   | .1778155 | .2889607 | 2.561971 | 15.46508 | 12.24649 | 2.934543 | .5737641 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.312837 | 3.978391 | .0470792 | -.001921 | .2632892 | .0823712 | .2860162 |
| #2 | 4.322087 | 3.983760 | .0467162 | -.001624 | .2655487 | .0833730 | .2883742 |
| #3 | 4.328089 | 4.000483 | .0448708 | -.001413 | .2120696 | .0870666 | .2891986 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.778236 | 1.118447 | -.007674 | .0007813 | .0606204 | .6605505 | .0045770 |
| Stddev | .040916  | .006815  | .001168  | .0002474 | .0053787 | .0053320 | .0010606 |
| %RSD   | 2.300919 | .6092952 | 15.22337 | 31.66430 | 8.872779 | .8072045 | 23.17216 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.733740 | 1.122654 | -.006416 | .0010599 | .0577432 | .6619104 | .0037886 |
| #2 | 1.786730 | 1.122103 | -.007880 | .0006968 | .0668257 | .6546702 | .0057828 |
| #3 | 1.814238 | 1.110585 | -.008725 | .0005872 | .0572922 | .6650708 | .0041596 |

Sample Name: I2119-06LX5      Acquired: 3/11/2017 15:52:49      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MG9WR8L      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .2117542 | .0122716 | .0244118 |
| Stddev | .0001110 | .0003338 | .0000288 |
| %RSD   | .0523959 | 2.720317 | .1178726 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .2118505 | .0118975 | .0243812 |
| #2 | .2116329 | .0123782 | .0244383 |
| #3 | .2117793 | .0125391 | .0244161 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 769.9495 | 1200.740 | 37976.62 | 8061.571 | 2042.289 |
| Stddev    | 3.3491   | 4.142    | 145.79   | 34.813   | 5.256    |
| %RSD      | .4349719 | .3449182 | .3838861 | .4318375 | .2573640 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 768.6696 | 1196.371 | 37995.18 | 8042.208 | 2036.364 |
| #2 | 767.4292 | 1201.242 | 37822.44 | 8101.760 | 2044.115 |
| #3 | 773.7498 | 1204.608 | 38112.24 | 8040.745 | 2046.389 |

Sample Name: I2120-10      Acquired: 3/11/2017 15:56:55      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WW2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0696192 | -.003884 | 14.20941 | .0041847 | .0047304 | 60.69385 | 7.734965 |
| Stddev | .0051377 | .004209  | .15072   | .0047636 | .0019542 | .14858   | .055240  |
| %RSD   | 7.379667 | 108.3745 | 1.060683 | 113.8348 | 41.31179 | .2447993 | .7141578 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0751109 | -.007136 | 14.03664 | .0047231 | .0049043 | 60.52340 | 7.707005 |
| #2 | .0688168 | .000870  | 14.31391 | .0086562 | .0026950 | 60.76214 | 7.798595 |
| #3 | .0649300 | -.005386 | 14.27768 | -.000825 | .0065918 | 60.79601 | 7.699295 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0068011 | .0527659 | 132.6823 | .0947151 | .1587494 | .3770920 | 144.3314 |
| Stddev | .0001513 | .0008891 | .1727    | .0005989 | .0009988 | .0029118 | .1491    |
| %RSD   | 2.225253 | 1.684983 | .1301743 | .6323008 | .6291665 | .7721777 | .1032925 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0066668 | .0518014 | 132.4891 | .0953950 | .1576034 | .3750704 | 144.1825 |
| #2 | .0067713 | .0535528 | 132.8219 | .0942658 | .1592094 | .3804295 | 144.3310 |
| #3 | .0069651 | .0529434 | 132.7358 | .0944845 | .1594352 | .3757760 | 144.4807 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 11.09165 | 66.25293 | .1724330 | -.001025 | .6328857 | .1991777 | 3.734602 |
| Stddev | .01530   | .22457   | .0018597 | .000408  | .0276279 | .0018870 | .011980  |
| %RSD   | .1379189 | .3389661 | 1.078520 | 39.81919 | 4.365379 | .9473706 | .3207797 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 11.07409 | 65.99440 | .1702918 | -.000694 | .6316974 | .2010948 | 3.739202 |
| #2 | 11.09884 | 66.36468 | .1736448 | -.001481 | .6610885 | .1973224 | 3.743600 |
| #3 | 11.10204 | 66.39971 | .1733624 | -.000899 | .6058711 | .1991160 | 3.721004 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.526778 | 3.088194 | -.007960 | .0001579 | 3.458047 | 2.094658 | .0083826 |
| Stddev | .009121  | .030329  | .001672  | .0009253 | .039134  | .005168  | .0027089 |
| %RSD   | .2015005 | .9820830 | 20.99877 | 585.8746 | 1.131671 | .2467268 | 32.31628 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.516250 | 3.057158 | -.009672 | -.000748 | 3.421482 | 2.100610 | .0097502 |
| #2 | 4.531769 | 3.117762 | -.007877 | .000120  | 3.499323 | 2.091310 | .0052625 |
| #3 | 4.532314 | 3.089662 | -.006332 | .001102  | 3.453335 | 2.092053 | .0101350 |

Sample Name: I2120-10      Acquired: 3/11/2017 15:56:55      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MG9WW2      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .4711211 | .0397686 | .1242533 |
| Stddev | .0035866 | .0005288 | .0001984 |
| %RSD   | .7612831 | 1.329614 | .1596317 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .4709611 | .0398710 | .1243800 |
| #2 | .4676172 | .0402386 | .1240247 |
| #3 | .4747850 | .0391961 | .1243553 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 770.3554 | 1185.231 | 38814.57 | 8626.939 | 1842.170 |
| Stddev    | 1.8492   | 8.823    | 80.75    | 19.851   | 14.912   |
| %RSD      | .2400406 | .7444282 | .2080384 | .2301069 | .8094789 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 770.3731 | 1195.271 | 38737.54 | 8626.923 | 1859.136 |
| #2 | 768.4974 | 1178.714 | 38898.58 | 8646.799 | 1831.141 |
| #3 | 772.1956 | 1181.707 | 38807.58 | 8607.096 | 1836.232 |

Sample Name: I2120-11      Acquired: 3/11/2017 16:01:05      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WW2D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0631846 | .0025706 | 14.29658 | .0016100 | .0065188 | 61.16495 | 7.748487 |
| Stddev | .0058354 | .0050551 | .18644   | .0022148 | .0018287 | .38951   | .027192  |
| %RSD   | 9.235407 | 196.6515 | 1.304072 | 137.5616 | 28.05264 | .6368160 | .3509330 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0579930 | -.001832 | 14.50494 | .0036950 | .0060892 | 61.58735 | 7.778771 |
| #2 | .0620606 | .008091  | 14.23933 | -.000715 | .0085240 | 61.08752 | 7.740527 |
| #3 | .0695001 | .001453  | 14.14549 | .001850  | .0049431 | 60.81997 | 7.726164 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0067687 | .0534129 | 133.7399 | .0940828 | .1603400 | .3811474 | 145.4407 |
| Stddev | .0000386 | .0009388 | .6408    | .0010503 | .0026765 | .0015400 | .8228    |
| %RSD   | .5698897 | 1.757594 | .4791170 | 1.116357 | 1.669256 | .4040538 | .5657211 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0067958 | .0544158 | 134.4796 | .0943894 | .1629996 | .3802747 | 146.3905 |
| #2 | .0067856 | .0532677 | 133.3845 | .0929133 | .1603734 | .3802419 | 144.9462 |
| #3 | .0067245 | .0525551 | 133.3555 | .0949456 | .1576470 | .3829256 | 144.9854 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 11.17952 | 66.74946 | .1742555 | -.001021 | .5853449 | .2026994 | 3.742071 |
| Stddev | .08593   | .58624   | .0037235 | .000311  | .0817666 | .0065440 | .040786  |
| %RSD   | .7686029 | .8782764 | 2.136791 | 30.45919 | 13.96896 | 3.228441 | 1.089929 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 11.27865 | 67.39884 | .1784652 | -.001055 | .5694064 | .2098779 | 3.760431 |
| #2 | 11.12639 | 66.59036 | .1729077 | -.000694 | .6739073 | .2011538 | 3.695332 |
| #3 | 11.13351 | 66.25919 | .1713936 | -.001313 | .5127211 | .1970666 | 3.770449 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.533609 | 3.115690 | -.007857 | .0003084 | 3.490982 | 2.106045 | .0126833 |
| Stddev | .049406  | .046022  | .001188  | .0003163 | .048041  | .016179  | .0011248 |
| %RSD   | 1.089765 | 1.477097 | 15.11967 | 102.5719 | 1.376146 | .7682152 | 8.868246 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.580317 | 3.163830 | -.007413 | .0005574 | 3.530761 | 2.124614 | .0139822 |
| #2 | 4.481888 | 3.111113 | -.009203 | .0004153 | 3.504576 | 2.094987 | .0120333 |
| #3 | 4.538620 | 3.072128 | -.006955 | -.000048 | 3.437609 | 2.098533 | .0120346 |

Sample Name: I2120-11      Acquired: 3/11/2017 16:01:05      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WW2D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .4753779 | .0404303 | .1252612 |
| Stddev | .0024701 | .0009134 | .0003291 |
| %RSD   | .5195967 | 2.259243 | .2627320 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .4780531 | .0398939 | .1256040 |
| #2 | .4748967 | .0399120 | .1252317 |
| #3 | .4731838 | .0414849 | .1249478 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 766.6658 | 1180.273 | 38848.54 | 8543.740 | 1830.109 |
| Stddev    | 4.9661   | 8.674    | 293.62   | 50.266   | 21.054   |
| %RSD      | .6477561 | .7348771 | .7558190 | .5883407 | 1.150408 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 762.4975 | 1170.897 | 38629.31 | 8487.814 | 1807.791 |
| #2 | 772.1604 | 1181.913 | 39182.14 | 8558.255 | 1832.919 |
| #3 | 765.3396 | 1188.010 | 38734.17 | 8585.153 | 1849.616 |

Sample Name: I2120-12      Acquired: 3/11/2017 16:05:14      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WW2S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1340284 | .1129880 | 14.58879 | .0925036 | .1849416 | 66.91369 | 11.89517 |
| Stddev | .0073552 | .0055848 | .06571   | .0064368 | .0030685 | .12055   | .05498   |
| %RSD   | 5.487777 | 4.942860 | .4504185 | 6.958394 | 1.659158 | .1801579 | .4622260 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1382199 | .1070719 | 14.55585 | .0856758 | .1855302 | 66.84117 | 11.90793 |
| #2 | .1255357 | .1181687 | 14.54605 | .0933743 | .1816215 | 67.05285 | 11.83492 |
| #3 | .1383298 | .1137233 | 14.66445 | .0984608 | .1876732 | 66.84705 | 11.94264 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0917542 | .1499060 | 137.2669 | .4673337 | 1.158069 | .8456244 | 151.6063 |
| Stddev | .0002182 | .0008407 | .1961    | .0021151 | .006681  | .0026309 | .4159    |
| %RSD   | .2378197 | .5608371 | .1428782 | .4525829 | .5769464 | .3111209 | .2743039 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0915023 | .1493463 | 137.4357 | .4697205 | 1.153873 | .8429232 | 151.2871 |
| #2 | .0918735 | .1494988 | 137.3132 | .4665884 | 1.154560 | .8481789 | 152.0766 |
| #3 | .0918868 | .1508728 | 137.0518 | .4656921 | 1.165774 | .8457712 | 151.4552 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 12.37784 | 68.73421 | 1.174562 | .0816252 | .6594172 | 1.156284 | 4.731382 |
| Stddev | .02545   | .26063   | .004171  | .0002378 | .0461417 | .001170  | .005796  |
| %RSD   | .2056330 | .3791810 | .3550953 | .2912670 | 6.997342 | .1012090 | .1225106 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 12.36772 | 68.80780 | 1.171390 | .0818832 | .6162561 | 1.154968 | 4.737406 |
| #2 | 12.40679 | 68.95012 | 1.173008 | .0815775 | .7080512 | 1.156678 | 4.730896 |
| #3 | 12.35900 | 68.44470 | 1.179286 | .0814150 | .6539442 | 1.157207 | 4.725844 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.675871 | 3.192123 | -.008230 | -.000560 | 3.564554 | 3.208947 | .0110748 |
| Stddev | .012251  | .007583  | .001148  | .000729  | .025603  | .022028  | .0016229 |
| %RSD   | .2620057 | .2375664 | 13.94608 | 130.1779 | .7182673 | .6864510 | 14.65408 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.689058 | 3.192931 | -.006923 | -.000895 | 3.549783 | 3.210061 | .0108609 |
| #2 | 4.664843 | 3.184168 | -.009073 | .000276  | 3.549761 | 3.230396 | .0095694 |
| #3 | 4.673711 | 3.199270 | -.008694 | -.001061 | 3.594118 | 3.186383 | .0127940 |

Sample Name: I2120-12      Acquired: 3/11/2017 16:05:14      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MG9WW2S      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5030684 | .0408085 | .1308407 |
| Stddev | .0014733 | .0001407 | .0000554 |
| %RSD   | .2928539 | .3447268 | .0423645 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .5022238 | .0406717 | .1308673 |
| #2 | .5022117 | .0408011 | .1307770 |
| #3 | .5047695 | .0409528 | .1308778 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 765.3459 | 1187.782 | 38764.88 | 8618.629 | 1832.247 |
| Stddev    | .8124    | 1.031    | 123.75   | 34.538   | 4.500    |
| %RSD      | .1061479 | .0868297 | .3192311 | .4007364 | .2455811 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 764.9662 | 1186.913 | 38674.67 | 8604.765 | 1829.754 |
| #2 | 764.7929 | 1188.922 | 38714.02 | 8593.177 | 1837.441 |
| #3 | 766.2787 | 1187.512 | 38905.96 | 8657.945 | 1829.546 |

Sample Name: I2120-10LX5      Acquired: 3/11/2017 16:09:20      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WW2L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0145093 | .0018653 | 2.913585 | .0027874 | -.000733 | 13.04884 | 1.709479 |
| Stddev | .0011079 | .0033781 | .026037  | .0021371 | .003128  | .05142   | .002188  |
| %RSD   | 7.635864 | 181.1017 | .8936441 | 76.66987 | 426.8729 | .3940783 | .1279834 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0136306 | .0016967 | 2.932535 | .0006331 | -.004239 | 13.08047 | 1.712001 |
| #2 | .0157539 | .0053245 | 2.883897 | .0049069 | .001771  | 13.07655 | 1.708342 |
| #3 | .0141435 | -.001425 | 2.924325 | .0028222 | .000270  | 12.98951 | 1.708094 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0014812 | .0107316 | 29.42533 | .0220385 | .0306637 | .0816816 | 32.67562 |
| Stddev | .0000538 | .0001634 | .11291   | .0009227 | .0005288 | .0027002 | .17624   |
| %RSD   | 3.634034 | 1.522389 | .3837096 | 4.186729 | 1.724516 | 3.305754 | .5393658 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0014817 | .0107865 | 29.55421 | .0209799 | .0312265 | .0804790 | 32.87776 |
| #2 | .0015348 | .0105479 | 29.37791 | .0224635 | .0301773 | .0847741 | 32.59499 |
| #3 | .0014271 | .0108605 | 29.34386 | .0226722 | .0305872 | .0797916 | 32.55412 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.512582 | 14.32324 | .0350548 | -.000331 | .0671825 | .0404888 | .8470468 |
| Stddev | .012070  | .17099   | .0006132 | .000273  | .2069602 | .0013235 | .0180251 |
| %RSD   | .4803918 | 1.193788 | 1.749124 | 82.33544 | 308.0568 | 3.268886 | 2.127989 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.526518 | 14.51911 | .0352867 | -.000236 | -.165988 | .0401304 | .8277026 |
| #2 | 2.505438 | 14.20378 | .0343595 | -.000639 | .229112  | .0419546 | .8633713 |
| #3 | 2.505790 | 14.24682 | .0355182 | -.000119 | .138424  | .0393813 | .8500665 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7309847 | .6145405 | -.004359 | .0005006 | .6731495 | .4703797 | .0047493 |
| Stddev | .0567542 | .0044310 | .000457  | .0000340 | .0190210 | .0072571 | .0037026 |
| %RSD   | 7.764081 | .7210196 | 10.48019 | 6.786103 | 2.825669 | 1.542811 | 77.96256 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .7526015 | .6105717 | -.004884 | .0005290 | .6780548 | .4643349 | .0037100 |
| #2 | .7737542 | .6137284 | -.004054 | .0004629 | .6521563 | .4784280 | .0088605 |
| #3 | .6665986 | .6193213 | -.004138 | .0005098 | .6892373 | .4683761 | .0016773 |

Sample Name: I2120-10LX5      Acquired: 3/11/2017 16:09:20      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MG9WW2L      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .1037580 | .0076788 | .0273510 |
| Stddev | .0007813 | .0004824 | .0000984 |
| %RSD   | .7529799 | 6.281902 | .3597105 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .1046575 | .0079924 | .0274335 |
| #2 | .1033675 | .0079207 | .0273775 |
| #3 | .1032489 | .0071233 | .0272421 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 734.1812 | 1162.088 | 36292.32 | 7904.611 | 2006.694 |
| Stddev    | 11.5033  | 8.370    | 628.69   | 58.689   | 17.871   |
| %RSD      | 1.566819 | .7202403 | 1.732286 | .7424648 | .8905647 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 744.1712 | 1153.537 | 36829.50 | 7854.262 | 1988.620 |
| #2 | 721.6049 | 1170.264 | 35600.85 | 7890.503 | 2024.354 |
| #3 | 736.7676 | 1162.462 | 36446.61 | 7969.069 | 2007.109 |

Sample Name: I2121-10      Acquired: 3/11/2017 16:13:23      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WY2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0542252 | -.003160 | 9.670010 | .0024967 | .0000595 | 40.37538 | 5.409973 |
| Stddev | .0053850 | .003130  | .033629  | .0097395 | .0022031 | .16389   | .003894  |
| %RSD   | 9.930837 | 99.05536 | .3477670 | 390.0885 | 3701.935 | .4059231 | .0719750 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0507789 | -.006502 | 9.665738 | .0000096 | -.001670 | 40.21674 | 5.405487 |
| #2 | .0604306 | -.002681 | 9.638721 | -.005758 | -.000692 | 40.54406 | 5.412482 |
| #3 | .0514660 | -.000297 | 9.705571 | .013239  | .002540  | 40.36534 | 5.411948 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0049119 | .0360418 | 92.50219 | .0919060 | .1150351 | .2499470 | 112.2114 |
| Stddev | .0001383 | .0002976 | .40330   | .0007203 | .0015299 | .0009294 | .4674    |
| %RSD   | 2.816497 | .8256480 | .4359943 | .7837402 | 1.329955 | .3718497 | .4165446 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0048561 | .0363533 | 92.46344 | .0912265 | .1151353 | .2490944 | 112.1027 |
| #2 | .0048101 | .0357604 | 92.92348 | .0918304 | .1134575 | .2498090 | 112.7236 |
| #3 | .0050694 | .0360116 | 92.11967 | .0926611 | .1165124 | .2509378 | 111.8079 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.232122 | 46.09922 | .1241108 | -.001199 | .4386153 | .1566443 | 2.685446 |
| Stddev | .026117  | .28354   | .0013789 | .000367  | .0702729 | .0026661 | .009077  |
| %RSD   | .3172511 | .6150627 | 1.111039 | 30.62444 | 16.02153 | 1.701975 | .3380254 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 8.224960 | 45.80519 | .1225221 | -.001617 | .5150331 | .1579222 | 2.694437 |
| #2 | 8.261072 | 46.37094 | .1249974 | -.001056 | .4240394 | .1535798 | 2.685618 |
| #3 | 8.210334 | 46.12154 | .1248128 | -.000925 | .3767734 | .1584308 | 2.676284 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.804978 | 2.229946 | -.007600 | .0000383 | 2.513948 | 1.528875 | .0089237 |
| Stddev | .016904  | .024112  | .001473  | .0006429 | .029800  | .004024  | .0011104 |
| %RSD   | .6026297 | 1.081270 | 19.37459 | 1676.248 | 1.185390 | .2632079 | 12.44283 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.822976 | 2.223336 | -.008615 | .0001838 | 2.534718 | 1.525877 | .0096793 |
| #2 | 2.789438 | 2.209828 | -.008275 | -.000665 | 2.479804 | 1.533449 | .0076488 |
| #3 | 2.802520 | 2.256673 | -.005911 | .000596  | 2.527324 | 1.527299 | .0094430 |

Sample Name: I2121-10      Acquired: 3/11/2017 16:13:23      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WY2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .3979898 | .0309608 | .0808502 |
| Stddev | .0012483 | .0002901 | .0001298 |
| %RSD   | .3136547 | .9370835 | .1605748 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .3972472 | .0306332 | .0808432 |
| #2 | .3994310 | .0311855 | .0809834 |
| #3 | .3972911 | .0310635 | .0807241 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 758.7023 | 1177.041 | 38122.86 | 8418.740 | 1900.846 |
| Stddev    | 3.4550   | 6.537    | 94.03    | 37.782   | 8.434    |
| %RSD      | .4553766 | .5553770 | .2466623 | .4487863 | .4437019 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 758.2810 | 1176.667 | 38180.35 | 8433.803 | 1900.899 |
| #2 | 755.4774 | 1183.757 | 38014.35 | 8375.750 | 1909.254 |
| #3 | 762.3486 | 1170.699 | 38173.90 | 8446.667 | 1892.386 |

Sample Name: I2121-11      Acquired: 3/11/2017 16:17:23      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WY2D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0541368 | .0014087 | 9.754067 | .0041200 | .0023953 | 40.41197 | 5.433332 |
| Stddev | .0059597 | .0057423 | .171591  | .0048097 | .0034480 | .24003   | .033790  |
| %RSD   | 11.00852 | 407.6197 | 1.759178 | 116.7399 | 143.9498 | .5939512 | .6219012 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0490423 | -.004774 | 9.652255 | .0096473 | .0058701 | 40.65661 | 5.472347 |
| #2 | .0526775 | .002425  | 9.657769 | .0018254 | -.001025 | 40.40246 | 5.413514 |
| #3 | .0606905 | .006575  | 9.952178 | .0008873 | .002341  | 40.17684 | 5.414134 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0050526 | .0363844 | 92.49154 | .0917065 | .1163834 | .2519844 | 112.3228 |
| Stddev | .0000126 | .0007615 | .58510   | .0009854 | .0019958 | .0027014 | .6954    |
| %RSD   | .2493624 | 2.093004 | .6325932 | 1.074519 | 1.714834 | 1.072036 | .6191205 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0050397 | .0358922 | 93.13798 | .0927793 | .1153225 | .2543536 | 113.1254 |
| #2 | .0050534 | .0359994 | 92.33837 | .0914984 | .1151422 | .2525570 | 111.8994 |
| #3 | .0050648 | .0372615 | 91.99827 | .0908417 | .1186856 | .2490426 | 111.9437 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.223561 | 46.05672 | .1256738 | -.001282 | .3505785 | .1599518 | 2.688428 |
| Stddev | .058076  | .35959   | .0014232 | .000292  | .0348426 | .0028192 | .011348  |
| %RSD   | .7062107 | .7807442 | 1.132491 | 22.81416 | 9.938596 | 1.762507 | .4221150 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 8.283054 | 46.37021 | .1248930 | -.000952 | .3352605 | .1585434 | 2.675856 |
| #2 | 8.220614 | 46.13576 | .1248120 | -.001509 | .3260191 | .1631977 | 2.697914 |
| #3 | 8.167015 | 45.66419 | .1273166 | -.001383 | .3904559 | .1581145 | 2.691514 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.774076 | 2.257153 | -.008386 | -.000031 | 2.528221 | 1.532110 | .0058101 |
| Stddev | .054156  | .041993  | .000605  | .000467  | .052938  | .012173  | .0050225 |
| %RSD   | 1.952208 | 1.860430 | 7.209871 | 1531.911 | 2.093898 | .7945520 | 86.44496 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.835638 | 2.228613 | -.009079 | .000493  | 2.516086 | 1.540471 | .0097321 |
| #2 | 2.752801 | 2.237476 | -.007970 | -.000178 | 2.482404 | 1.537715 | .0001492 |
| #3 | 2.733788 | 2.305372 | -.008108 | -.000406 | 2.586173 | 1.518143 | .0075490 |

Sample Name: I2121-11      Acquired: 3/11/2017 16:17:23      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MG9WY2D      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .3976465 | .0319176 | .0810145 |
| Stddev | .0018294 | .0007266 | .0007259 |
| %RSD   | .4600629 | 2.276479 | .8960788 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .3991990 | .0327276 | .0818424 |
| #2 | .3956297 | .0317020 | .0807143 |
| #3 | .3981110 | .0313232 | .0804868 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 754.8190 | 1166.719 | 38055.37 | 8398.744 | 1885.120 |
| Stddev    | 1.3520   | 14.237   | 144.44   | 67.328   | 27.280   |
| %RSD      | .1791189 | 1.220222 | .3795395 | .8016465 | 1.447126 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 753.4694 | 1170.768 | 37919.65 | 8328.306 | 1898.478 |
| #2 | 756.1735 | 1178.493 | 38039.30 | 8405.469 | 1903.147 |
| #3 | 754.8142 | 1150.897 | 38207.17 | 8462.458 | 1853.735 |

Sample Name: I2121-12      Acquired: 3/11/2017 16:21:25      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WY2S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1292601 | .1154779 | 10.12412 | .0890834 | .1883926 | 46.11263 | 9.497124 |
| Stddev | .0067356 | .0016359 | .03261   | .0023801 | .0022449 | .07891   | .047399  |
| %RSD   | 5.210872 | 1.416660 | .3221026 | 2.671781 | 1.191627 | .1711212 | .4990907 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1274111 | .1171788 | 10.09661 | .0884597 | .1861088 | 46.18063 | 9.524694 |
| #2 | .1367270 | .1153391 | 10.11561 | .0917133 | .1884727 | 46.02611 | 9.524285 |
| #3 | .1236421 | .1139158 | 10.16014 | .0870773 | .1905965 | 46.13115 | 9.442392 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0925032 | .1322539 | 96.63285 | .4750604 | 1.102776 | .7312249 | 119.2033 |
| Stddev | .0002559 | .0006127 | .16825   | .0027994 | .003446  | .0027344 | .3029    |
| %RSD   | .2765867 | .4632527 | .1741135 | .5892786 | .3124833 | .3739416 | .2541229 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0922967 | .1316567 | 96.81145 | .4736545 | 1.099534 | .7339067 | 119.4280 |
| #2 | .0924234 | .1328810 | 96.47733 | .4732426 | 1.102400 | .7313270 | 118.8588 |
| #3 | .0927894 | .1322241 | 96.60977 | .4782842 | 1.106395 | .7284409 | 119.3231 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.554748 | 48.10014 | 1.121526 | .0829266 | .3708862 | 1.144309 | 3.728255 |
| Stddev | .019685  | .05423   | .003325  | .0001618 | .0786068 | .004260  | .016806  |
| %RSD   | .2060210 | .1127387 | .2964887 | .1950670 | 21.19431 | .3722799 | .4507646 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 9.571331 | 48.12868 | 1.118956 | .0831131 | .4190380 | 1.147106 | 3.734998 |
| #2 | 9.532993 | 48.03760 | 1.120340 | .0828240 | .2801764 | 1.139406 | 3.740641 |
| #3 | 9.559919 | 48.13414 | 1.125281 | .0828428 | .4134443 | 1.146415 | 3.709125 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.047213 | 2.337203 | -.007207 | -.000291 | 2.584863 | 2.161177 | .0057127 |
| Stddev | .016830  | .013871  | .002066  | .000974  | .023079  | .005149  | .0023734 |
| %RSD   | .5523025 | .5934741 | 28.66664 | 334.8573 | .8928596 | .2382393 | 41.54526 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.031404 | 2.339605 | -.004902 | .000743  | 2.575248 | 2.159551 | .0035010 |
| #2 | 3.064905 | 2.322288 | -.008891 | -.001191 | 2.568145 | 2.157038 | .0082200 |
| #3 | 3.045330 | 2.349715 | -.007829 | -.000425 | 2.611195 | 2.166943 | .0054170 |

Sample Name: I2121-12      Acquired: 3/11/2017 16:21:25      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WY2S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .4228574 | .0327523 | .0858182 |
| Stddev | .0029270 | .0002656 | .0002328 |
| %RSD   | .6921966 | .8109783 | .2712653 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .4235005 | .0330502 | .0857668 |
| #2 | .4254094 | .0325404 | .0856155 |
| #3 | .4196623 | .0326662 | .0860725 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 757.7759 | 1167.353 | 38195.35 | 8409.855 | 1880.720 |
| Stddev    | 3.5194   | 5.217    | 64.70    | 15.818   | 5.427    |
| %RSD      | .4644347 | .4468792 | .1693990 | .1880905 | .2885368 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 755.8911 | 1167.431 | 38268.91 | 8395.542 | 1883.331 |
| #2 | 755.6003 | 1172.530 | 38169.88 | 8426.838 | 1884.348 |
| #3 | 761.8362 | 1162.098 | 38147.26 | 8407.184 | 1874.482 |

Sample Name: I2121-10LX5      Acquired: 3/11/2017 16:25:33      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WY2L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0140172 | -.003164 | 1.996726 | -.000896 | -.000183 | 8.700086 | 1.167592 |
| Stddev | .0021907 | .004108  | .007902  | .001931  | .001839  | .070525  | .006864  |
| %RSD   | 15.62854 | 129.8270 | .3957340 | 215.4916 | 1003.590 | .8106212 | .5878935 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0129137 | .000538  | 1.991467 | -.000481 | .001941  | 8.664303 | 1.165664 |
| #2 | .0125977 | -.002447 | 1.992897 | -.003000 | -.001224 | 8.781329 | 1.175214 |
| #3 | .0165402 | -.007582 | 2.005812 | .000794  | -.001267 | 8.654625 | 1.161898 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0010959 | .0076699 | 20.27389 | .0205293 | .0228600 | .0549756 | 25.14476 |
| Stddev | .0001169 | .0001260 | .11589   | .0002978 | .0002532 | .0018227 | .21136   |
| %RSD   | 10.66824 | 1.643367 | .5716247 | 1.450734 | 1.107618 | 3.315458 | .8405915 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0009682 | .0078057 | 20.34080 | .0202435 | .0231484 | .0529713 | 25.09992 |
| #2 | .0011978 | .0076473 | 20.34080 | .0208379 | .0227577 | .0554215 | 25.37495 |
| #3 | .0011215 | .0075566 | 20.14007 | .0205066 | .0226740 | .0565339 | 24.95942 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.845627 | 9.940236 | .0257170 | -.000187 | .0735604 | .0315884 | .5860800 |
| Stddev | .005490  | .060262  | .0008633 | .000248  | .0789719 | .0012361 | .0042868 |
| %RSD   | .2974745 | .6062468 | 3.356905 | 132.8982 | 107.3565 | 3.913169 | .7314343 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.848862 | 9.931291 | .0266665 | .000100  | .1538039 | .0313312 | .5855658 |
| #2 | 1.848731 | 10.00447 | .0249794 | -.000339 | -.004075 | .0329329 | .5906007 |
| #3 | 1.839288 | 9.88495  | .0255052 | -.000320 | .070953  | .0305012 | .5820735 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4139978 | .4527026 | -.003364 | .0001858 | .4949362 | .3414222 | .0032369 |
| Stddev | .0554316 | .0030826 | .001204  | .0003542 | .0071382 | .0034638 | .0030626 |
| %RSD   | 13.38936 | .6809261 | 35.78687 | 190.6109 | 1.442240 | 1.014516 | 94.61487 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .3547224 | .4492474 | -.002223 | .0001482 | .4867480 | .3428582 | -.000167 |
| #2 | .4645517 | .4551707 | -.003248 | -.000148 | .4982125 | .3439370 | .005770  |
| #3 | .4227191 | .4536898 | -.004622 | .000557  | .4998481 | .3374714 | .004108  |

Sample Name: I2121-10LX5      Acquired: 3/11/2017 16:25:33      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MG9WY2L      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0872336 | .0053668 | .0175859 |
| Stddev | .0003177 | .0005485 | .0001349 |
| %RSD   | .3641503 | 10.22019 | .7667844 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0873628 | .0059228 | .0175643 |
| #2 | .0874663 | .0048261 | .0177303 |
| #3 | .0868717 | .0053516 | .0174632 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 748.9319 | 1162.297 | 36803.96 | 7841.613 | 2027.276 |
| Stddev    | 6.5832   | 3.798    | 280.48   | 42.089   | 3.261    |
| %RSD      | .8790172 | .3267851 | .7620801 | .5367443 | .1608440 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 751.7799 | 1163.018 | 36858.64 | 7820.319 | 2029.580 |
| #2 | 741.4042 | 1158.189 | 36500.18 | 7814.425 | 2023.545 |
| #3 | 753.6117 | 1165.682 | 37053.08 | 7890.094 | 2028.703 |

Sample Name: I2117-07A      Acquired: 3/11/2017 16:29:40      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WM9A      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1430283 | .0011343 | .2488485 | .0048263 | .0012523 | 40.43984 | 2.062851 |
| Stddev | .0029210 | .0027228 | .0050684 | .0030888 | .0029933 | .14738   | .005978  |
| %RSD   | 2.042223 | 240.0369 | 2.036724 | 63.99803 | 239.0348 | .3644361 | .2897958 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1424752 | -.000358 | .2430413 | .0015029 | .0042783 | 40.33643 | 2.056425 |
| #2 | .1461863 | -.000516 | .2511233 | .0053670 | .0011857 | 40.37451 | 2.063882 |
| #3 | .1404235 | .004277  | .2523810 | .0076090 | -.001707 | 40.60859 | 2.068247 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0050081 | .0065309 | 10.83107 | .1029406 | .0564916 | .0955456 | 110.3890 |
| Stddev | .0001602 | .0000215 | .02085   | .0006872 | .0013102 | .0015624 | .1952    |
| %RSD   | 3.199826 | .3289088 | .1925224 | .6675676 | 2.319283 | 1.635202 | .1768682 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0051895 | .0065063 | 10.82356 | .1029726 | .0549791 | .0937730 | 110.4957 |
| #2 | .0048860 | .0065463 | 10.81502 | .1036112 | .0572192 | .0961412 | 110.1637 |
| #3 | .0049486 | .0065401 | 10.85464 | .1022379 | .0572766 | .0967226 | 110.5076 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.637659 | 6.531674 | .0903671 | -.002842 | .2523080 | .1633753 | .7777042 |
| Stddev | .005503  | .051309  | .0006172 | .000256  | .1326084 | .0007864 | .0054532 |
| %RSD   | .0976057 | .7855458 | .6829476 | 9.018060 | 52.55814 | .4813518 | .7011859 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.633322 | 6.527538 | .0903639 | -.002557 | .2532302 | .1625248 | .7805918 |
| #2 | 5.635806 | 6.584926 | .0909859 | -.003055 | .3844530 | .1635249 | .7811063 |
| #3 | 5.643849 | 6.482558 | .0897515 | -.002913 | .1192410 | .1640761 | .7714144 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.398651 | 2.038384 | -.005991 | .0004561 | .3508135 | 8.722735 | .0095363 |
| Stddev | .028514  | .028906  | .000809  | .0003638 | .0027801 | .018580  | .0004594 |
| %RSD   | 1.188744 | 1.418101 | 13.50223 | 79.75263 | .7924864 | .2130091 | 4.817050 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.367345 | 2.005709 | -.006913 | .0000447 | .3539719 | 8.743426 | .0099379 |
| #2 | 2.423135 | 2.048817 | -.005658 | .0005886 | .3487367 | 8.707476 | .0090354 |
| #3 | 2.405473 | 2.060625 | -.005401 | .0007351 | .3497318 | 8.717304 | .0096357 |

Sample Name: I2117-07A      Acquired: 3/11/2017 16:29:40      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MG9WM9A      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .6662392 | .0218044 | .0291839 |
| Stddev | .0016517 | .0000566 | .0000901 |
| %RSD   | .2479086 | .2596683 | .3085777 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .6658943 | .0217620 | .0290821 |
| #2 | .6647872 | .0218687 | .0292164 |
| #3 | .6680361 | .0217826 | .0292532 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 797.2622 | 1227.490 | 39713.15 | 8550.410 | 2002.623 |
| Stddev    | 1.0540   | 8.690    | 71.16    | 17.508   | 14.723   |
| %RSD      | .1322015 | .7079846 | .1791947 | .2047587 | .7351701 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 797.0057 | 1237.258 | 39722.21 | 8531.000 | 2019.566 |
| #2 | 796.3601 | 1220.617 | 39637.89 | 8565.010 | 1992.938 |
| #3 | 798.4208 | 1224.593 | 39779.35 | 8555.220 | 1995.366 |

Sample Name: I2104-03A      Acquired: 3/11/2017 16:33:45      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MC0AK0A      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2446761 | .0064573 | .3493270 | .0024414 | .0149487 | 100.1802 | 1.698440 |
| Stddev | .0055546 | .0053076 | .0059232 | .0029151 | .0022275 | .6569    | .009209  |
| %RSD   | 2.270200 | 82.19555 | 1.695600 | 119.4065 | 14.90089 | .6557397 | .5421752 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2393308 | .0022601 | .3488342 | -.000836 | .0172569 | 99.7090  | 1.689687 |
| #2 | .2442787 | .0124235 | .3436657 | .003417  | .0147774 | 99.9010  | 1.697587 |
| #3 | .2504188 | .0046883 | .3554813 | .004743  | .0128118 | 100.9306 | 1.708045 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0389993 | .0218249 | 34.29418 | .1275395 | .2669159 | .4434638 | 481.8212 |
| Stddev | .0002729 | .0002844 | .32627   | .0011469 | .0011015 | .0055145 | 4.1432   |
| %RSD   | .6997191 | 1.302929 | .9513895 | .8992144 | .4126730 | 1.243500 | .8599099 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0387352 | .0217546 | 34.05684 | .1284072 | .2661834 | .4385056 | 478.7447 |
| #2 | .0389826 | .0221378 | 34.15947 | .1279720 | .2663816 | .4424829 | 480.1865 |
| #3 | .0392802 | .0215822 | 34.66624 | .1262392 | .2681826 | .4494029 | 486.5324 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.019138 | 13.98607 | .4194159 | -.013830 | 1.106124 | .2491661 | 1.050067 |
| Stddev | .059071  | .13182   | .0026035 | .000333  | .043105  | .0018618 | .005411  |
| %RSD   | .9813812 | .9425315 | .6207519 | 2.404413 | 3.896959 | .7471945 | .5152958 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.978177 | 13.92941 | .4170598 | -.014210 | 1.057349 | .2473415 | 1.046862 |
| #2 | 5.992386 | 13.89204 | .4189769 | -.013596 | 1.139104 | .2510630 | 1.056314 |
| #3 | 6.086852 | 14.13675 | .4222111 | -.013683 | 1.121919 | .2490938 | 1.047025 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 13.64590 | 5.055865 | -.056972 | .0719205 | 1.144447 | 11.73133 | .0377770 |
| Stddev | .12963   | .041108  | .003687  | .0009431 | .016152  | .08958   | .0004350 |
| %RSD   | .9499283 | .8130675 | 6.471533 | 1.311309 | 1.411359 | .7636363 | 1.151542 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 13.52278 | 5.054876 | -.055857 | .0715689 | 1.139523 | 11.64143 | .0381220 |
| #2 | 13.63376 | 5.015260 | -.053971 | .0712037 | 1.131329 | 11.73197 | .0372883 |
| #3 | 13.78118 | 5.097457 | -.061087 | .0729889 | 1.162488 | 11.82060 | .0379206 |

Sample Name: I2104-03A      Acquired: 3/11/2017 16:33:45      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MC0AK0A      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .2341446 | .1812471 | .1319136 |
| Stddev | .0040589 | .0010544 | .0009960 |
| %RSD   | 1.733493 | .5817302 | .7550375 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .2354987 | .1801532 | .1310768 |
| #2 | .2295817 | .1813310 | .1316487 |
| #3 | .2373533 | .1822569 | .1330153 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 789.3404 | 1233.787 | 40087.23 | 8779.333 | 1877.135 |
| Stddev    | 2.1925   | 4.742    | 58.30    | 79.115   | 6.741    |
| %RSD      | .2777667 | .3843415 | .1454266 | .9011544 | .3591240 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 791.8716 | 1233.827 | 40020.72 | 8838.334 | 1877.878 |
| #2 | 788.0299 | 1238.509 | 40129.49 | 8810.234 | 1883.474 |
| #3 | 788.1198 | 1229.026 | 40111.47 | 8689.430 | 1870.053 |

Sample Name: I2117-14DLX10      Acquired: 3/11/2017 16:37:49      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WN4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2138642 | .0168277 | .1768940 | .3154089 | .0008684 | 6.197441 | .7828322 |
| Stddev | .0056958 | .0096464 | .0065590 | .0101084 | .0016941 | .020633  | .0027629 |
| %RSD   | 2.663291 | 57.32435 | 3.707857 | 3.204864 | 195.0962 | .3329233 | .3529358 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2180662 | .0120510 | .1758034 | .3090048 | .0023725 | 6.186647 | .7816417 |
| #2 | .2161449 | .0279304 | .1839299 | .3270620 | -.000967 | 6.184445 | .7808642 |
| #3 | .2073815 | .0105017 | .1709487 | .3101598 | .001199  | 6.221232 | .7859908 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0017206 | .0041157 | 13.58826 | .0539974 | .0061139 | .1289287 | 108.3737 |
| Stddev | .0001167 | .0002868 | .12245   | .0012594 | .0003137 | .0006653 | .5064    |
| %RSD   | 6.782845 | 6.967671 | .9011121 | 2.332329 | 5.131201 | .5159986 | .4672338 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0015871 | .0041051 | 13.63703 | .0533381 | .0064370 | .1292687 | 108.3162 |
| #2 | .0018031 | .0044076 | 13.44894 | .0532046 | .0060942 | .1293553 | 107.8986 |
| #3 | .0017715 | .0038344 | 13.67880 | .0554496 | .0058105 | .1281622 | 108.9064 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2125509 | 1.597027 | .0240396 | -.002857 | 2.011100 | .0562041 | .0689822 |
| Stddev | .0018516 | .015193  | .0002061 | .000544  | .056620  | .0014752 | .0019303 |
| %RSD   | .8711370 | .9513607 | .8573626 | 19.03857 | 2.815387 | 2.624781 | 2.798260 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2123879 | 1.608065 | .0239676 | -.002567 | 2.050339 | .0576253 | .0669579 |
| #2 | .2107862 | 1.579699 | .0238792 | -.002520 | 2.036769 | .0563068 | .0691867 |
| #3 | .2144786 | 1.603318 | .0242721 | -.003485 | 1.946192 | .0546802 | .0708022 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.513998 | 1.047840 | -.001379 | .0124798 | 19.10102 | .7249738 | .0146254 |
| Stddev | .017863  | .038636  | .000654  | .0006618 | .58444   | .0105460 | .0029025 |
| %RSD   | .3957342 | 3.687177 | 47.40722 | 5.303346 | 3.059726 | 1.454676 | 19.84588 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.533571 | 1.033279 | -.000740 | .0124657 | 18.94400 | .7204736 | .0151508 |
| #2 | 4.498575 | 1.091640 | -.002046 | .0131486 | 19.74793 | .7174244 | .0114961 |
| #3 | 4.509848 | 1.018601 | -.001349 | .0118251 | 18.61114 | .7370234 | .0172294 |

Sample Name: I2117-14DLX10      Acquired: 3/11/2017 16:37:49      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MG9WN4      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .7421227 | .0135123 | .4928345 |
| Stddev | .0031155 | .0003494 | .0020669 |
| %RSD   | .4198066 | 2.585839 | .4193830 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .7401995 | .0131097 | .4925966 |
| #2 | .7404514 | .0136909 | .4908970 |
| #3 | .7457172 | .0137362 | .4950101 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 739.5639 | 1145.430 | 36468.45 | 7735.921 | 2012.715 |
| Stddev    | 9.8357   | 25.526   | 683.78   | 34.985   | 49.888   |
| %RSD      | 1.329928 | 2.228495 | 1.874983 | .4522402 | 2.478660 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 748.1587 | 1147.092 | 36966.86 | 7714.161 | 2017.833 |
| #2 | 741.6958 | 1119.114 | 36749.58 | 7776.276 | 1960.465 |
| #3 | 728.8371 | 1170.085 | 35688.92 | 7717.324 | 2059.848 |

Sample Name: I2118-10A      Acquired: 3/11/2017 16:41:54      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MG9WQ2A      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0944603 | -.000698 | 19.46197 | .0067240 | .0061250 | 90.04909 | 12.76810 |
| Stddev | .0041841 | .003294  | .18933   | .0023711 | .0013530 | .07323   | .08691   |
| %RSD   | 4.429469 | 471.8042 | .9728405 | 35.26379 | 22.09008 | .0813235 | .6806826 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0972591 | .002960  | 19.67930 | .0042020 | .0075647 | 90.13265 | 12.75877 |
| #2 | .0896503 | -.003429 | 19.37384 | .0070619 | .0059307 | 90.01852 | 12.68623 |
| #3 | .0964714 | -.001625 | 19.33276 | .0089080 | .0048797 | 89.99609 | 12.85930 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0092990 | .0795254 | 205.5767 | .1060394 | .2298783 | .5335593 | 193.8508 |
| Stddev | .0000840 | .0008171 | .1461    | .0010034 | .0011534 | .0021827 | .1388    |
| %RSD   | .9028890 | 1.027459 | .0710473 | .9462422 | .5017578 | .4090749 | .0715980 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0093952 | .0804436 | 205.4434 | .1070407 | .2311590 | .5332174 | 193.6915 |
| #2 | .0092408 | .0788784 | 205.5540 | .1060435 | .2295543 | .5358927 | 193.9462 |
| #3 | .0092609 | .0792542 | 205.7328 | .1050340 | .2289214 | .5315677 | 193.9146 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 16.26950 | 95.72793 | .2505589 | -.001392 | .6700439 | .2791339 | 13.87304 |
| Stddev | .00808   | .20894   | .0018314 | .000110  | .0700135 | .0032364 | .06877   |
| %RSD   | .0496707 | .2182691 | .7309371 | 7.866337 | 10.44909 | 1.159443 | .4957354 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 16.27262 | 95.91881 | .2525048 | -.001282 | .6731353 | .2813956 | 13.88261 |
| #2 | 16.27556 | 95.50469 | .2503030 | -.001395 | .7384605 | .2754267 | 13.93652 |
| #3 | 16.26033 | 95.76028 | .2488689 | -.001501 | .5985360 | .2805795 | 13.79998 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.223289 | 5.513845 | -.004406 | -.000973 | 7.219981 | 10.08722 | .0086604 |
| Stddev | .024649  | .051973  | .001564  | .000232  | .061479  | .03969   | .0035938 |
| %RSD   | .3412371 | .9425902 | 35.50305 | 23.80952 | .8515100 | .3934838 | 41.49685 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.200395 | 5.569578 | -.003005 | -.000820 | 7.289064 | 10.11429 | .0125290 |
| #2 | 7.220092 | 5.505254 | -.004118 | -.000860 | 7.199596 | 10.04166 | .0054258 |
| #3 | 7.249380 | 5.466703 | -.006094 | -.001240 | 7.171285 | 10.10572 | .0080263 |

Sample Name: I2118-10A      Acquired: 3/11/2017 16:41:54      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WQ2A      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .6879744 | .0552825 | .1908651 |
| Stddev | .0015474 | .0003710 | .0001048 |
| %RSD   | .2249262 | .6710644 | .0549272 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .6877074 | .0548544 | .1909315 |
| #2 | .6896380 | .0554818 | .1907443 |
| #3 | .6865779 | .0555112 | .1909197 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 782.8768 | 1208.999 | 39642.74 | 8885.799 | 1756.160 |
| Stddev    | 5.0244   | 3.683    | 137.16   | 19.633   | 10.337   |
| %RSD      | .6417905 | .3046292 | .3459869 | .2209441 | .5886405 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 783.0867 | 1206.422 | 39575.33 | 8869.702 | 1744.329 |
| #2 | 777.7506 | 1213.217 | 39552.32 | 8907.672 | 1763.449 |
| #3 | 787.7929 | 1207.357 | 39800.55 | 8880.023 | 1760.702 |

Sample Name: CCV068      Acquired: 3/11/2017 16:46:05      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV068      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.009249 | 4.815175 | 24.66473 | 4.896816 | 4.949664 | 389.2102 | 9.940319 |
| Stddev | .012318  | .019758  | .06773   | .005677  | .003484  | 1.1770   | .105032  |
| %RSD   | .2459121 | .4103366 | .2746055 | .1159316 | .0703881 | .3023945 | 1.056627 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.995877 | 4.794693 | 24.59337 | 4.895307 | 4.949615 | 389.6943 | 10.04745 |
| #2 | 5.011732 | 4.834120 | 24.72813 | 4.903094 | 4.953173 | 387.8684 | 9.83751  |
| #3 | 5.020136 | 4.816711 | 24.67268 | 4.892045 | 4.946205 | 390.0678 | 9.93600  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4841378 | 2.480453 | 388.6029 | 15.35303 | 2.485840 | 15.20176 | 388.3395 |
| Stddev | .0006441 | .004392  | 1.1410   | .09825   | .008293  | .02698   | 1.0439   |
| %RSD   | .1330448 | .1770844 | .2936247 | .6399232 | .3335990 | .1775088 | .2688131 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4836667 | 2.477523 | 387.6278 | 15.45542 | 2.480409 | 15.23047 | 387.3135 |
| #2 | .4848718 | 2.485504 | 389.8578 | 15.25953 | 2.495385 | 15.17691 | 389.4004 |
| #3 | .4838748 | 2.478333 | 388.3231 | 15.34413 | 2.481724 | 15.19790 | 388.3047 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.51812 | 388.1979 | 2.478491 | 1.281420 | 386.6033 | 2.427033 | 15.02470 |
| Stddev | .00755   | 1.0117   | .003930  | .005473  | .9558    | .003845  | .07382   |
| %RSD   | .0520277 | .2606062 | .1585614 | .4270947 | .2472199 | .1584420 | .4913028 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 14.51808 | 387.3035 | 2.476951 | 1.286437 | 386.9096 | 2.425111 | 15.10831 |
| #2 | 14.52569 | 389.2959 | 2.482958 | 1.275583 | 385.5319 | 2.424527 | 14.96853 |
| #3 | 14.51059 | 387.9942 | 2.475564 | 1.282239 | 387.3684 | 2.431460 | 14.99727 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 153.3084 | 5.044811 | 4.751378 | 4.886179 | 5.020250 | 4.813064 | 4.954838 |
| Stddev | .2435    | .018138  | .009101  | .010420  | .017896  | .008030  | .010020  |
| %RSD   | .1588609 | .3595303 | .1915506 | .2132508 | .3564690 | .1668304 | .2022198 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 153.5887 | 5.023946 | 4.756090 | 4.893827 | 5.002654 | 4.808842 | 4.946573 |
| #2 | 153.1877 | 5.056812 | 4.757157 | 4.890398 | 5.038430 | 4.822324 | 4.965982 |
| #3 | 153.1487 | 5.053675 | 4.740887 | 4.874311 | 5.019664 | 4.808025 | 4.951960 |

Sample Name: CCV068      Acquired: 3/11/2017 16:46:05      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV068      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.858068 | 5.100388 | 5.053735 |
| Stddev | .004289  | .027031  | .019373  |
| %RSD   | .0882796 | .5299786 | .3833395 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 4.856924 | 5.126179 | 5.049251 |
| #2 | 4.854468 | 5.072268 | 5.074957 |
| #3 | 4.862813 | 5.102717 | 5.036998 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 610.2286 | 944.4142 | 31918.36 | 7171.199 | 1507.832 |
| Stddev    | 3.3293   | 2.3754   | 137.31   | 8.488    | 2.123    |
| %RSD      | .5455890 | .2515184 | .4301933 | .1183571 | .1408221 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 606.3851 | 942.0525 | 31762.24 | 7168.328 | 1508.201 |
| #2 | 612.2210 | 944.3870 | 32020.38 | 7164.520 | 1505.549 |
| #3 | 612.0798 | 946.8031 | 31972.47 | 7180.750 | 1509.747 |

Sample Name: CCB068      Acquired: 3/11/2017 16:50:12      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB068      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0014863 | .0000585 | .0019237 | .0052741 | .0000699 | .0040128 | -.000477 |
| Stddev | .0046799 | .0032310 | .0017287 | .0039583 | .0013578 | .0007317 | .000194  |
| %RSD   | 314.8754 | 5521.112 | 89.86026 | 75.05163 | 1942.117 | 18.23548 | 40.73831 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0068810 | -.003318 | .0027831 | .0096751 | -.000329 | .0040396 | -.000627 |
| #2 | -.000939 | .003121  | .0030542 | .0020051 | -.001044 | .0032680 | -.000547 |
| #3 | -.001483 | .000373  | -.000066 | .0041422 | .001582  | .0047308 | -.000257 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000453 | .0001874 | .0024263 | -.000056 | .0000271 | .0016271 | -.006670 |
| Stddev | .0001002 | .0000378 | .0058298 | .000268  | .0001837 | .0007824 | .010209  |
| %RSD   | 220.8661 | 20.18520 | 240.2787 | 482.2658 | 677.0228 | 48.08627 | 153.0522 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000215 | .0002249 | .0032592 | -.000130 | .0001953 | .0022700 | .004833  |
| #2 | .0001553 | .0001493 | -.003775 | -.000278 | -.000169 | .0007559 | -.014651 |
| #3 | -.000041 | .0001879 | .007795  | .000242  | .000055  | .0018554 | -.010192 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000435 | .0439488 | -.000163 | .0000802 | -.100296 | -.003178 | .0002036 |
| Stddev | .000742  | .0250450 | .000097  | .0001113 | .047113  | .001679  | .0005011 |
| %RSD   | 170.6970 | 56.98694 | 59.67914 | 138.6873 | 46.97400 | 52.84699 | 246.0757 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000048 | .0367996 | -.000134 | .0000505 | -.092033 | -.001404 | -.000146 |
| #2 | -.001290 | .0232556 | -.000272 | .0002034 | -.057861 | -.004743 | -.000021 |
| #3 | .000034  | .0717910 | -.000084 | -.000013 | -.150993 | -.003385 | .000778  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.147405 | .0007001 | .0010438 | .0007322 | -.000635 | -.002080 | .0016510 |
| Stddev | .006116  | .0052737 | .0003345 | .0002317 | .001853  | .001494  | .0009759 |
| %RSD   | 4.149124 | 753.3214 | 32.05149 | 31.64825 | 291.6734 | 71.84901 | 59.10606 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.145156 | -.004342 | .0012976 | .0004813 | -.002250 | -.001682 | .0017456 |
| #2 | -.154327 | .000265  | .0006647 | .0009382 | -.001044 | -.003733 | .0025761 |
| #3 | -.142731 | .006178  | .0011691 | .0007771 | .001388  | -.000825 | .0006313 |

Sample Name: CCB068      Acquired: 3/11/2017 16:50:12      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB068      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0006251 | -.000306 | -.000002 |
| Stddev | .0003796 | .000396  | .000022  |
| %RSD   | 60.72496 | 129.0732 | 948.1881 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0010217 | -.000611 | .000012  |
| #2 | .0005884 | .000141  | .000008  |
| #3 | .0002652 | -.000450 | -.000027 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 753.0429 | 1165.421 | 36959.26 | 7678.017 | 2083.776 |
| Stddev    | 2.7686   | 5.605    | 142.67   | 12.588   | 11.615   |
| %RSD      | .3676491 | .4809692 | .3860306 | .1639428 | .5573884 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 751.8895 | 1165.318 | 36797.00 | 7665.450 | 2083.984 |
| #2 | 756.2017 | 1159.867 | 37065.07 | 7690.625 | 2072.059 |
| #3 | 751.0375 | 1171.077 | 37015.70 | 7677.975 | 2095.286 |

Sample Name: I2116-01      Acquired: 3/11/2017 16:54:22      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WK3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0714129 | .0073326 | .7422104 | .0062255 | .0036205 | 77.36108 | 6.177449 |
| Stddev | .0049690 | .0027622 | .0031419 | .0043535 | .0027712 | .20706   | .061112  |
| %RSD   | 6.958129 | 37.66930 | .4233159 | 69.93054 | 76.54244 | .2676586 | .9892701 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0769706 | .0064673 | .7427328 | .0075012 | .0066936 | 77.41942 | 6.192326 |
| #2 | .0698690 | .0051067 | .7388401 | .0097987 | .0028562 | 77.53271 | 6.229748 |
| #3 | .0673992 | .0104239 | .7450585 | .0013767 | .0013116 | 77.13111 | 6.110272 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0087322 | .0152918 | 23.48264 | .1235766 | .1129365 | .1705970 | 168.9132 |
| Stddev | .0001417 | .0001138 | .08269   | .0001922 | .0001014 | .0013916 | .3979    |
| %RSD   | 1.622905 | .7442378 | .3521314 | .1555176 | .0898070 | .8156969 | .2355779 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0085737 | .0152007 | 23.46754 | .1236651 | .1129003 | .1701656 | 169.0376 |
| #2 | .0088465 | .0152553 | 23.57185 | .1237086 | .1130511 | .1721531 | 169.2340 |
| #3 | .0087765 | .0154194 | 23.40855 | .1233561 | .1128582 | .1694721 | 168.4679 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 12.02911 | 13.79510 | .1734570 | -.005070 | .6586548 | .2430874 | 1.971286 |
| Stddev | .04889   | .09289   | .0011244 | .000193  | .0298605 | .0025013 | .002981  |
| %RSD   | .4064197 | .6733329 | .6482500 | 3.810042 | 4.533557 | 1.028974 | .1512180 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 12.02676 | 13.70214 | .1732606 | -.004857 | .6500571 | .2425378 | 1.968251 |
| #2 | 12.07913 | 13.88792 | .1724437 | -.005235 | .6918709 | .2458179 | 1.971398 |
| #3 | 11.98143 | 13.79525 | .1746667 | -.005117 | .6340363 | .2409067 | 1.974210 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.212815 | 3.869844 | -.013978 | .0017111 | 1.575465 | 2.326062 | .0096509 |
| Stddev | .070008  | .021368  | .001588  | .0003348 | .002691  | .011646  | .0014476 |
| %RSD   | 1.342993 | .5521606 | 11.36288 | 19.56743 | .1707856 | .5006544 | 15.00000 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.212091 | 3.855731 | -.012162 | .0020960 | 1.578139 | 2.317410 | .0095576 |
| #2 | 5.283182 | 3.859374 | -.015110 | .0014868 | 1.572758 | 2.339303 | .0111430 |
| #3 | 5.143172 | 3.894428 | -.014662 | .0015505 | 1.575498 | 2.321472 | .0082522 |

Sample Name: I2116-01      Acquired: 3/11/2017 16:54:22      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MG9WK3      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5675584 | .0455540 | .0808616 |
| Stddev | .0004119 | .0004361 | .0001179 |
| %RSD   | .0725710 | .9574159 | .1457987 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .5675818 | .0457758 | .0809183 |
| #2 | .5671353 | .0450516 | .0809404 |
| #3 | .5679581 | .0458347 | .0807261 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 835.1983 | 1301.031 | 41711.15 | 9149.150 | 1931.202 |
| Stddev    | 1.5409   | 2.582    | 100.91   | 33.057   | 3.410    |
| %RSD      | .1844929 | .1984201 | .2419143 | .3613088 | .1765736 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 836.8747 | 1302.721 | 41690.45 | 9153.769 | 1932.434 |
| #2 | 834.8763 | 1302.313 | 41622.21 | 9114.027 | 1933.825 |
| #3 | 833.8438 | 1298.059 | 41820.81 | 9179.655 | 1927.347 |

Sample Name: I2116-02      Acquired: 3/11/2017 16:58:34      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WK4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0870705 | .0018527 | .8266347 | -.000121 | .0032200 | 88.73843 | 5.404821 |
| Stddev | .0109777 | .0100004 | .0090411 | .003679  | .0010872 | .23934   | .059917  |
| %RSD   | 12.60786 | 539.7856 | 1.093723 | 3031.558 | 33.76538 | .2697102 | 1.108577 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0758865 | .0128419 | .8303179 | -.000444 | .0042379 | 89.00549 | 5.388869 |
| #2 | .0978296 | -.006714 | .8332528 | -.003629 | .0020747 | 88.66648 | 5.471099 |
| #3 | .0874954 | -.000570 | .8163333 | .003708  | .0033474 | 88.54332 | 5.354495 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0096586 | .0174884 | 25.33359 | .1237366 | .1323086 | .1923469 | 184.3345 |
| Stddev | .0001306 | .0003321 | .16766   | .0024456 | .0020359 | .0010002 | .5896    |
| %RSD   | 1.352510 | 1.899086 | .6617938 | 1.976448 | 1.538718 | .5200086 | .3198481 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0097744 | .0178184 | 25.50483 | .1232060 | .1330265 | .1929693 | 184.9235 |
| #2 | .0095170 | .0174927 | 25.16976 | .1215999 | .1338883 | .1928782 | 183.7443 |
| #3 | .0096846 | .0171542 | 25.32619 | .1264040 | .1300111 | .1911931 | 184.3356 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 13.80733 | 15.44993 | .1934631 | -.005730 | .7283840 | .2706036 | 2.159124 |
| Stddev | .08258   | .05451   | .0026818 | .000441  | .0240897 | .0011541 | .030402  |
| %RSD   | .5980927 | .3528078 | 1.386234 | 7.699142 | 3.307278 | .4264785 | 1.408068 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 13.88663 | 15.50480 | .1953669 | -.005733 | .7398426 | .2708985 | 2.151233 |
| #2 | 13.72182 | 15.39579 | .1946264 | -.005288 | .7446054 | .2693307 | 2.133446 |
| #3 | 13.81356 | 15.44921 | .1903960 | -.006170 | .7007038 | .2715816 | 2.192694 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.282997 | 4.320805 | -.014930 | .0014679 | 1.395438 | 2.915102 | .0125244 |
| Stddev | .016887  | .041074  | .000373  | .0007037 | .030784  | .020117  | .0035188 |
| %RSD   | .2687682 | .9506024 | 2.497318 | 47.94115 | 2.206026 | .6901045 | 28.09521 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.302326 | 4.347623 | -.015015 | .0013968 | 1.405563 | 2.935706 | .0085677 |
| #2 | 6.275564 | 4.341273 | -.015252 | .0022044 | 1.419884 | 2.895510 | .0153028 |
| #3 | 6.271102 | 4.273519 | -.014521 | .0008024 | 1.360867 | 2.914088 | .0137028 |

Sample Name: I2116-02      Acquired: 3/11/2017 16:58:34      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WK4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .6580762 | .0520588 | .0897323 |
| Stddev | .0030868 | .0006446 | .0002416 |
| %RSD   | .4690610 | 1.238196 | .2692976 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .6614996 | .0522866 | .0900087 |
| #2 | .6555051 | .0525585 | .0896272 |
| #3 | .6572240 | .0513312 | .0895610 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 866.1304 | 1334.805 | 43367.42 | 9401.485 | 1922.205 |
| Stddev    | 7.5246   | 11.217   | 482.26   | 48.024   | 20.499   |
| %RSD      | .8687599 | .8403132 | 1.112023 | .5108155 | 1.066444 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 868.2483 | 1327.059 | 43609.87 | 9354.079 | 1907.863 |
| #2 | 872.3690 | 1329.687 | 43680.35 | 9450.105 | 1913.069 |
| #3 | 857.7738 | 1347.667 | 42812.05 | 9400.270 | 1945.684 |

Sample Name: I2116-05      Acquired: 3/11/2017 17:02:43      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WK7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0898279 | .0024605 | .7527037 | .0018987 | .0072076 | 87.92979 | 5.263773 |
| Stddev | .0069984 | .0009925 | .0054712 | .0030195 | .0014636 | .28365   | .013020  |
| %RSD   | 7.790906 | 40.33627 | .7268710 | 159.0284 | 20.30647 | .3225889 | .2473467 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0938337 | .0016615 | .7472927 | .0001213 | .0076476 | 88.25644 | 5.277920 |
| #2 | .0817469 | .0021485 | .7525854 | .0001897 | .0084007 | 87.74563 | 5.252293 |
| #3 | .0939030 | .0035715 | .7582331 | .0053851 | .0055745 | 87.78731 | 5.261108 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0101547 | .0172372 | 25.62459 | .1330742 | .1456180 | .2092172 | 202.1423 |
| Stddev | .0000798 | .0001140 | .07146   | .0006756 | .0011067 | .0014344 | .2752    |
| %RSD   | .7857137 | .6614591 | .2788554 | .5076561 | .7600150 | .6856196 | .1361347 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0102028 | .0171260 | 25.69682 | .1338477 | .1466694 | .2108359 | 202.2798 |
| #2 | .0101987 | .0172318 | 25.62302 | .1326001 | .1444632 | .2081036 | 202.3218 |
| #3 | .0100626 | .0173539 | 25.55393 | .1327747 | .1457213 | .2087121 | 201.8255 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 15.27604 | 15.50273 | .2051570 | -.006399 | .7562390 | .2832982 | 1.941746 |
| Stddev | .00780   | .05321   | .0011122 | .000119  | .0876651 | .0023273 | .010144  |
| %RSD   | .0510301 | .3432433 | .5421046 | 1.858009 | 11.59225 | .8215035 | .5224368 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 15.28449 | 15.52787 | .2064347 | -.006262 | .6680274 | .2818712 | 1.933004 |
| #2 | 15.27449 | 15.53871 | .2044064 | -.006467 | .8433473 | .2859837 | 1.939365 |
| #3 | 15.26913 | 15.44160 | .2046299 | -.006469 | .7573423 | .2820396 | 1.952869 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.496175 | 5.160384 | -.017184 | .0020380 | 1.102817 | 3.091533 | .0130690 |
| Stddev | .039421  | .019221  | .000547  | .0004861 | .002914  | .003557  | .0012297 |
| %RSD   | .6068385 | .3724704 | 3.183761 | 23.85105 | .2642270 | .1150516 | 9.409220 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.505896 | 5.180414 | -.017056 | .0022649 | 1.100088 | 3.094744 | .0119994 |
| #2 | 6.529827 | 5.142090 | -.016713 | .0014800 | 1.105886 | 3.087710 | .0127951 |
| #3 | 6.452803 | 5.158647 | -.017785 | .0023691 | 1.102477 | 3.092145 | .0144126 |

Sample Name: I2116-05      Acquired: 3/11/2017 17:02:43      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WK7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .6747404 | .0500389 | .1061103 |
| Stddev | .0027106 | .0003593 | .0002490 |
| %RSD   | .4017282 | .7180959 | .2346857 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .6774790 | .0503212 | .1063979 |
| #2 | .6720586 | .0496344 | .1059627 |
| #3 | .6746835 | .0501611 | .1059705 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 868.0730 | 1346.543 | 43396.43 | 9390.583 | 1919.652 |
| Stddev    | 2.4573   | 4.548    | 121.83   | 31.702   | 9.155    |
| %RSD      | .2830725 | .3377910 | .2807411 | .3375987 | .4768995 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 870.1938 | 1341.409 | 43363.51 | 9361.641 | 1910.309 |
| #2 | 868.6450 | 1350.070 | 43531.34 | 9385.641 | 1928.606 |
| #3 | 865.3802 | 1348.149 | 43294.44 | 9424.466 | 1920.042 |

Sample Name: I2116-06      Acquired: 3/11/2017 17:06:44      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WK8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0888244 | -.003004 | .7145977 | -.001673 | .0035946 | 92.45317 | 5.183524 |
| Stddev | .0050770 | .004622  | .0062802 | .001240  | .0024517 | .51589   | .019215  |
| %RSD   | 5.715718 | 153.8630 | .8788406 | 74.14023 | 68.20540 | .5580007 | .3706858 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0884589 | .002274  | .7201886 | -.001983 | .0021690 | 92.17530 | 5.167830 |
| #2 | .0839401 | -.004956 | .7078026 | -.000307 | .0064255 | 93.04843 | 5.204953 |
| #3 | .0940742 | -.006331 | .7158019 | -.002729 | .0021892 | 92.13578 | 5.177789 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0098116 | .0162652 | 24.44926 | .1351083 | .1374894 | .2018218 | 195.6909 |
| Stddev | .0001395 | .0001897 | .09774   | .0006533 | .0013087 | .0013515 | .6448    |
| %RSD   | 1.421975 | 1.166385 | .3997803 | .4835210 | .9518839 | .6696302 | .3295113 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0097524 | .0164821 | 24.33769 | .1343551 | .1384564 | .2013808 | 195.0382 |
| #2 | .0097115 | .0161300 | 24.51982 | .1354493 | .1360002 | .2033387 | 196.3276 |
| #3 | .0099710 | .0161836 | 24.49026 | .1355205 | .1380117 | .2007459 | 195.7069 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.52207 | 15.35969 | .1978086 | -.006301 | .8179302 | .2759461 | 1.887189 |
| Stddev | .05510   | .07088   | .0036654 | .000200  | .0599379 | .0038842 | .018352  |
| %RSD   | .3794423 | .4614575 | 1.853023 | 3.178951 | 7.327993 | 1.407609 | .9724258 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 14.46158 | 15.32923 | .2016113 | -.006482 | .7584144 | .2724706 | 1.870261 |
| #2 | 14.56940 | 15.44071 | .1942978 | -.006335 | .8170950 | .2752286 | 1.906692 |
| #3 | 14.53524 | 15.30913 | .1975168 | -.006086 | .8782814 | .2801390 | 1.884615 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.875792 | 4.902309 | -.016255 | .0018504 | 1.068183 | 2.931908 | .0146829 |
| Stddev | .032607  | .059557  | .001238  | .0007433 | .011575  | .010030  | .0001171 |
| %RSD   | .4742249 | 1.214874 | 7.615653 | 40.16819 | 1.083631 | .3421031 | .7977659 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.843836 | 4.940962 | -.017552 | .0026497 | 1.071139 | 2.922287 | .0146315 |
| #2 | 6.874527 | 4.833723 | -.016128 | .0011799 | 1.055416 | 2.931134 | .0146003 |
| #3 | 6.909012 | 4.932242 | -.015085 | .0017217 | 1.077993 | 2.942302 | .0148170 |

Sample Name: I2116-06      Acquired: 3/11/2017 17:06:44      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WK8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .6790891 | .0548872 | .1057694 |
| Stddev | .0034565 | .0004336 | .0004288 |
| %RSD   | .5089843 | .7900500 | .4054446 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .6753077 | .0551588 | .1054312 |
| #2 | .6820858 | .0551157 | .1062517 |
| #3 | .6798736 | .0543871 | .1056252 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 857.2961 | 1336.181 | 42599.25 | 9337.109 | 1920.631 |
| Stddev    | 6.2701   | 9.503    | 52.66    | 18.175   | 21.432   |
| %RSD      | .7313848 | .7112423 | .1236146 | .1946581 | 1.115873 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 861.4142 | 1329.754 | 42624.03 | 9357.246 | 1903.161 |
| #2 | 850.0800 | 1347.097 | 42538.78 | 9321.920 | 1944.545 |
| #3 | 860.3942 | 1331.691 | 42634.96 | 9332.162 | 1914.185 |

Sample Name: I2116-07      Acquired: 3/11/2017 17:10:44      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WK9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0567551 | .0030393 | .3524928 | .0014046 | .0008675 | 40.24030 | 3.562711 |
| Stddev | .0022569 | .0040370 | .0021181 | .0043679 | .0009314 | .09181   | .007472  |
| %RSD   | 3.976612 | 132.8295 | .6008912 | 310.9760 | 107.3615 | .2281502 | .2097398 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0574039 | .0073624 | .3519741 | .0022828 | -.000207 | 40.21248 | 3.564290 |
| #2 | .0586166 | -.000632 | .3506823 | -.003336 | .001443  | 40.16562 | 3.554575 |
| #3 | .0542448 | .002388  | .3548221 | .005267  | .001367  | 40.34280 | 3.569268 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0054952 | .0073982 | 41.67517 | .1051585 | .0969027 | .1130651 | 73.56175 |
| Stddev | .0001103 | .0001598 | .10120   | .0015442 | .0006586 | .0018027 | .14277   |
| %RSD   | 2.006757 | 2.159556 | .2428362 | 1.468492 | .6796903 | 1.594364 | .1940862 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0053724 | .0075657 | 41.56479 | .1042682 | .0962396 | .1150368 | 73.57459 |
| #2 | .0055858 | .0072475 | 41.76358 | .1069416 | .0969119 | .1115013 | 73.41299 |
| #3 | .0055273 | .0073815 | 41.69714 | .1042656 | .0975568 | .1126573 | 73.69767 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.816209 | 18.80069 | .1274574 | -.001770 | .4374781 | .1759502 | 1.144467 |
| Stddev | .005880  | .03886   | .0004141 | .000207  | .1626881 | .0027179 | .007741  |
| %RSD   | .1540882 | .2066700 | .3249159 | 11.69933 | 37.18770 | 1.544707 | .6763973 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.811027 | 18.75639 | .1278444 | -.001537 | .4103026 | .1759496 | 1.135588 |
| #2 | 3.822600 | 18.81672 | .1270207 | -.001842 | .2900890 | .1732326 | 1.148011 |
| #3 | 3.815001 | 18.82897 | .1275072 | -.001932 | .6120426 | .1786684 | 1.149802 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.285645 | 1.673573 | -.001112 | .0035434 | 6.524226 | 9.258899 | .0059812 |
| Stddev | .036339  | .020742  | .001935  | .0006159 | .044502  | .029523  | .0033536 |
| %RSD   | 1.589889 | 1.239406 | 173.9288 | 17.38253 | .6821017 | .3188562 | 56.06913 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.317067 | 1.650537 | -.001872 | .0039649 | 6.479135 | 9.254943 | .0054586 |
| #2 | 2.294019 | 1.679410 | -.002552 | .0038288 | 6.525429 | 9.290200 | .0029195 |
| #3 | 2.245851 | 1.690771 | .001087  | .0028366 | 6.568115 | 9.231554 | .0095653 |

Sample Name: I2116-07      Acquired: 3/11/2017 17:10:44      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MG9WK9      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .6422655 | .0239543 | .0702046 |
| Stddev | .0014602 | .0005902 | .0000903 |
| %RSD   | .2273491 | 2.463751 | .1285655 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .6413416 | .0236766 | .0702405 |
| #2 | .6439489 | .0235542 | .0701019 |
| #3 | .6415060 | .0246321 | .0702714 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 788.4687 | 1220.572 | 39671.02 | 8611.886 | 1957.689 |
| Stddev    | 4.3505   | 5.486    | 263.22   | 32.875   | 6.596    |
| %RSD      | .5517714 | .4494436 | .6635142 | .3817391 | .3369519 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 793.3591 | 1225.102 | 39903.37 | 8620.527 | 1964.590 |
| #2 | 787.0187 | 1222.141 | 39385.15 | 8575.553 | 1957.030 |
| #3 | 785.0284 | 1214.472 | 39724.54 | 8639.577 | 1951.446 |

Sample Name: I2116-08      Acquired: 3/11/2017 17:14:46      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WL0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0463545 | .0018737 | .2521432 | .0047502 | .0027186 | 35.30807 | 3.042063 |
| Stddev | .0033609 | .0109885 | .0022045 | .0044961 | .0010876 | .05182   | .006337  |
| %RSD   | 7.250494 | 586.4540 | .8743034 | 94.65052 | 40.00633 | .1467560 | .2083222 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0432324 | -.006703 | .2499456 | .0007993 | .0023193 | 35.35338 | 3.048650 |
| #2 | .0459191 | .014260  | .2543546 | .0096425 | .0039494 | 35.25157 | 3.041528 |
| #3 | .0499119 | -.001936 | .2521293 | .0038089 | .0018870 | 35.31926 | 3.036009 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0042342 | .0051207 | 64.93791 | .0883212 | .0591768 | .0849551 | 63.64055 |
| Stddev | .0000704 | .0001541 | .08261   | .0009057 | .0004743 | .0010724 | .08522   |
| %RSD   | 1.663049 | 3.010182 | .1272206 | 1.025400 | .8014783 | 1.262332 | .1339043 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0042922 | .0050887 | 64.89698 | .0873362 | .0593167 | .0845165 | 63.72960 |
| #2 | .0042546 | .0049851 | 65.03300 | .0891180 | .0586483 | .0861774 | 63.55977 |
| #3 | .0041559 | .0052883 | 64.88375 | .0885093 | .0595654 | .0841716 | 63.63227 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.831150 | 32.64225 | .0858954 | -.001840 | .3777650 | .1225162 | .7536987 |
| Stddev | .000922  | .10111   | .0004740 | .000082  | .1373368 | .0028829 | .0049103 |
| %RSD   | .0240669 | .3097403 | .5518385 | 4.474386 | 36.35507 | 2.353073 | .6514898 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.830668 | 32.61580 | .0855852 | -.001753 | .5241638 | .1257829 | .7480404 |
| #2 | 3.830568 | 32.75395 | .0864410 | -.001850 | .3573572 | .1214373 | .7568415 |
| #3 | 3.832213 | 32.55700 | .0856599 | -.001916 | .2517742 | .1203283 | .7562141 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.152251 | 1.584933 | -.001147 | .0020019 | 4.479381 | 3.164311 | .0043284 |
| Stddev | .013296  | .010072  | .001361  | .0009008 | .012290  | .017759  | .0026406 |
| %RSD   | .6177893 | .6355132 | 118.6618 | 44.99790 | .2743788 | .5612385 | 61.00627 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.153273 | 1.591645 | -.002718 | .0030392 | 4.466349 | 3.162829 | .0039229 |
| #2 | 2.165007 | 1.573351 | -.000349 | .0014156 | 4.481032 | 3.147340 | .0071484 |
| #3 | 2.138473 | 1.589803 | -.000373 | .0015511 | 4.490763 | 3.182765 | .0019140 |

Sample Name: I2116-08      Acquired: 3/11/2017 17:14:46      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WLO      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5154105 | .0211248 | .0701331 |
| Stddev | .0024038 | .0003187 | .0002926 |
| %RSD   | .4663861 | 1.508756 | .4172363 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .5145939 | .0212717 | .0703168 |
| #2 | .5181162 | .0213435 | .0697957 |
| #3 | .5135214 | .0207591 | .0702868 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 766.2786 | 1192.603 | 38497.52 | 8449.453 | 1940.531 |
| Stddev    | 1.2460   | 5.117    | 127.86   | 43.088   | 4.499    |
| %RSD      | .1626036 | .4290435 | .3321181 | .5099534 | .2318306 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 765.2478 | 1191.684 | 38644.96 | 8430.253 | 1940.468 |
| #2 | 767.6632 | 1198.117 | 38417.17 | 8498.804 | 1945.061 |
| #3 | 765.9246 | 1188.008 | 38430.44 | 8419.302 | 1936.064 |

Sample Name: I2116-09      Acquired: 3/11/2017 17:18:49      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WL1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0692803 | -.004778 | .5164994 | .0080238 | .0014228 | 68.53369 | 5.905189 |
| Stddev | .0064555 | .002648  | .0035825 | .0043467 | .0011070 | .53544   | .083742  |
| %RSD   | 9.317951 | 55.41198 | .6936031 | 54.17267 | 77.80318 | .7812870 | 1.418113 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0627093 | -.001729 | .5200014 | .0050361 | .0013931 | 69.05176 | 6.001370 |
| #2 | .0695177 | -.006498 | .5128416 | .0060249 | .0025445 | 68.56689 | 5.865745 |
| #3 | .0756137 | -.006107 | .5166552 | .0130103 | .0003310 | 67.98241 | 5.848453 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0078899 | .0096988 | 48.91023 | .1540605 | .0978512 | .1606546 | 116.0416 |
| Stddev | .0000235 | .0001975 | .35100   | .0001975 | .0007735 | .0001366 | .8404    |
| %RSD   | .2976613 | 2.036135 | .7176320 | .1282086 | .7904981 | .0850398 | .7242047 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0078786 | .0095346 | 49.30987 | .1539252 | .0983864 | .1607994 | 116.9238 |
| #2 | .0079169 | .0096438 | 48.76883 | .1542871 | .0969644 | .1605280 | 115.9504 |
| #3 | .0078742 | .0099179 | 48.65198 | .1539691 | .0982029 | .1606365 | 115.2505 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.771255 | 23.23558 | .1576663 | -.003431 | .6612433 | .2278486 | 1.410739 |
| Stddev | .041257  | .18528   | .0012216 | .000240  | .0101194 | .0034693 | .007225  |
| %RSD   | .7148740 | .7974131 | .7748247 | 7.005425 | 1.530361 | 1.522622 | .5121730 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.816973 | 23.43863 | .1576906 | -.003265 | .6633140 | .2303524 | 1.405682 |
| #2 | 5.759995 | 23.19243 | .1564327 | -.003321 | .6701672 | .2293048 | 1.407521 |
| #3 | 5.736797 | 23.07568 | .1588756 | -.003706 | .6502487 | .2238885 | 1.419014 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.219313 | 2.612706 | -.000849 | .0031525 | 10.13191 | 8.818378 | .0094136 |
| Stddev | .048168  | .029287  | .000170  | .0004993 | .08362   | .067464  | .0019071 |
| %RSD   | .9228783 | 1.120960 | 20.01665 | 15.83899 | .8252981 | .7650392 | 20.25938 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.260712 | 2.620439 | -.000695 | .0035138 | 10.14223 | 8.895118 | .0107309 |
| #2 | 5.230782 | 2.580328 | -.000819 | .0033610 | 10.04360 | 8.768403 | .0102832 |
| #3 | 5.166446 | 2.637351 | -.001031 | .0025828 | 10.20988 | 8.791613 | .0072266 |

Sample Name: I2116-09      Acquired: 3/11/2017 17:18:49      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WL1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .7267368 | .0437642 | .1038719 |
| Stddev | .0045748 | .0004727 | .0010194 |
| %RSD   | .6294936 | 1.079992 | .9813588 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .7312045 | .0441040 | .1048821 |
| #2 | .7269441 | .0439642 | .1038899 |
| #3 | .7220620 | .0432245 | .1028437 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 821.9664 | 1275.790 | 41483.72 | 9020.006 | 1917.710 |
| Stddev    | .7888    | 6.141    | 171.25   | 90.127   | 10.259   |
| %RSD      | .0959683 | .4813465 | .4128135 | .9991879 | .5349681 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 822.5175 | 1273.398 | 41651.40 | 8917.299 | 1915.360 |
| #2 | 822.3189 | 1282.767 | 41309.11 | 9056.825 | 1928.940 |
| #3 | 821.0628 | 1271.206 | 41490.65 | 9085.894 | 1908.830 |

Sample Name: I2116-10      Acquired: 3/11/2017 17:22:59      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WL2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0479910 | .0005467 | 6.076975 | .0070503 | .0025794 | 40.67355 | 4.533113 |
| Stddev | .0062032 | .0039937 | .012238  | .0084808 | .0030181 | .11512   | .021454  |
| %RSD   | 12.92574 | 730.5009 | .2013839 | 120.2906 | 117.0075 | .2830416 | .4732807 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0417772 | -.000980 | 6.090642 | .0004492 | .0052691 | 40.79716 | 4.557093 |
| #2 | .0480122 | .005079  | 6.067031 | .0166153 | -.000685 | 40.56939 | 4.526507 |
| #3 | .0541835 | -.002458 | 6.073251 | .0040864 | .003154  | 40.65410 | 4.515738 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0051268 | .0232540 | 65.09998 | .1093810 | .0889670 | .2130298 | 118.1242 |
| Stddev | .0000799 | .0001345 | .10551   | .0001011 | .0005960 | .0019400 | .1713    |
| %RSD   | 1.559053 | .5782481 | .1620732 | .0924061 | .6699340 | .9106586 | .1449980 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0050356 | .0231268 | 65.22019 | .1094315 | .0895360 | .2151353 | 118.3016 |
| #2 | .0051843 | .0233947 | 65.05703 | .1092646 | .0890178 | .2126395 | 118.1113 |
| #3 | .0051606 | .0232406 | 65.02273 | .1094469 | .0883472 | .2113148 | 117.9598 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.520999 | 32.20284 | .1128622 | -.001921 | .3906180 | .1685503 | 1.566666 |
| Stddev | .022183  | .08167   | .0008625 | .000051  | .0469605 | .0012186 | .011726  |
| %RSD   | .2949437 | .2536097 | .7642251 | 2.666844 | 12.02210 | .7229901 | .7484481 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.546604 | 32.24295 | .1127535 | -.001880 | .4326660 | .1677609 | 1.578957 |
| #2 | 7.508792 | 32.10887 | .1120591 | -.001905 | .3992463 | .1699538 | 1.555602 |
| #3 | 7.507600 | 32.25670 | .1137739 | -.001978 | .3399417 | .1679363 | 1.565440 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.971172 | 1.982620 | -.004418 | .0005931 | 1.389488 | 9.782854 | .0079398 |
| Stddev | .008706  | .009819  | .000554  | .0002652 | .009550  | .018510  | .0016839 |
| %RSD   | .4416482 | .4952326 | 12.53780 | 44.72407 | .6872745 | .1892088 | 21.20839 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.963506 | 1.990439 | -.004963 | .0008811 | 1.397535 | 9.785672 | .0061525 |
| #2 | 1.969374 | 1.985821 | -.003856 | .0005391 | 1.391993 | 9.799794 | .0081703 |
| #3 | 1.980636 | 1.971601 | -.004436 | .0003590 | 1.378935 | 9.763097 | .0094965 |

Sample Name: I2116-10      Acquired: 3/11/2017 17:22:59      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WL2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5569819 | .0220470 | .0539001 |
| Stddev | .0021883 | .0004698 | .0002020 |
| %RSD   | .3928772 | 2.131104 | .3748319 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .5575416 | .0218612 | .0538507 |
| #2 | .5588359 | .0225813 | .0541223 |
| #3 | .5545682 | .0216985 | .0537274 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 760.3767 | 1184.080 | 38053.28 | 8381.848 | 1911.941 |
| Stddev    | 6.8019   | 4.267    | 78.81    | 29.747   | 5.578    |
| %RSD      | .8945429 | .3604006 | .2071082 | .3548925 | .2917695 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 753.4008 | 1179.841 | 37965.56 | 8359.300 | 1905.888 |
| #2 | 766.9901 | 1188.375 | 38076.17 | 8370.683 | 1916.875 |
| #3 | 760.7392 | 1184.025 | 38118.12 | 8415.562 | 1913.060 |

Sample Name: I2116-11      Acquired: 3/11/2017 17:27:00      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WL3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0603395 | .0056791 | 7.785387 | .0043077 | .0041837 | 49.85901 | 5.685865 |
| Stddev | .0083757 | .0036217 | .089958  | .0078133 | .0012004 | .17901   | .023166  |
| %RSD   | 13.88095 | 63.77202 | 1.155477 | 181.3799 | 28.69203 | .3590413 | .4074321 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0695094 | .0018359 | 7.875713 | .0122780 | .0034206 | 49.91508 | 5.701742 |
| #2 | .0584166 | .0090286 | 7.784646 | -.003338 | .0055673 | 49.65867 | 5.659282 |
| #3 | .0530924 | .0061728 | 7.695801 | .003984  | .0035632 | 50.00328 | 5.696571 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0063713 | .0302814 | 147.4200 | .1051204 | .1116450 | .2709368 | 139.8599 |
| Stddev | .0000261 | .0002200 | .2048    | .0008985 | .0018475 | .0019628 | .0740    |
| %RSD   | .4097192 | .7265869 | .1389275 | .8547358 | 1.654828 | .7244575 | .0529341 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0063943 | .0304110 | 147.6097 | .1059262 | .1135308 | .2727414 | 139.9442 |
| #2 | .0063429 | .0304059 | 147.2029 | .1041515 | .1115658 | .2688469 | 139.8056 |
| #3 | .0063766 | .0300274 | 147.4473 | .1052835 | .1098383 | .2712219 | 139.8298 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.48605 | 72.35708 | .1423280 | -.002345 | .4964174 | .1708945 | 1.818076 |
| Stddev | .02455   | .12331   | .0008658 | .000050  | .0186607 | .0045408 | .009877  |
| %RSD   | .2341565 | .1704184 | .6083419 | 2.112285 | 3.759082 | 2.657095 | .5432617 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 10.51204 | 72.49499 | .1432168 | -.002382 | .4977567 | .1730905 | 1.819154 |
| #2 | 10.46324 | 72.25745 | .1422801 | -.002289 | .4771231 | .1656731 | 1.827369 |
| #3 | 10.48287 | 72.31878 | .1414871 | -.002364 | .5143724 | .1739198 | 1.807704 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.914823 | 2.669462 | -.003193 | .0007715 | 1.984665 | 10.83796 | .0057555 |
| Stddev | .025098  | .036429  | .000471  | .0004730 | .022231  | .01000   | .0039228 |
| %RSD   | .8610345 | 1.364644 | 14.73668 | 61.30960 | 1.120146 | .0922472 | 68.15748 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.942239 | 2.709838 | -.003317 | .0008934 | 2.008862 | 10.83350 | .0102578 |
| #2 | 2.909249 | 2.659490 | -.003589 | .0011717 | 1.979989 | 10.83097 | .0039356 |
| #3 | 2.892981 | 2.639058 | -.002673 | .0002495 | 1.965144 | 10.84941 | .0030732 |

Sample Name: I2116-11      Acquired: 3/11/2017 17:27:00      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WL3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5757939 | .0273346 | .0840207 |
| Stddev | .0035658 | .0006451 | .0002908 |
| %RSD   | .6192906 | 2.359955 | .3460882 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .5781561 | .0277966 | .0843554 |
| #2 | .5716921 | .0276097 | .0838304 |
| #3 | .5775334 | .0265976 | .0838762 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 761.0785 | 1185.924 | 38265.60 | 8454.321 | 1843.320 |
| Stddev    | 7.8912   | 11.323   | 157.19   | 11.935   | 17.066   |
| %RSD      | 1.036840 | .9547965 | .4107940 | .1411684 | .9258441 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 761.1640 | 1174.747 | 38125.47 | 8456.189 | 1826.089 |
| #2 | 753.1449 | 1185.638 | 38235.73 | 8441.562 | 1843.655 |
| #3 | 768.9266 | 1197.388 | 38435.58 | 8465.211 | 1860.217 |

Sample Name: I2116-12      Acquired: 3/11/2017 17:31:01      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WL4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0553565 | -.000154 | 7.486552 | .0025540 | .0025278 | 52.19161 | 5.044679 |
| Stddev | .0114958 | .003214  | .069620  | .0031268 | .0024354 | .13846   | .004271  |
| %RSD   | 20.76684 | 2083.578 | .9299338 | 122.4272 | 96.34640 | .2652889 | .0846638 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0507452 | -.001539 | 7.477571 | .0036628 | .0040005 | 52.27473 | 5.049398 |
| #2 | .0684420 | -.002443 | 7.560227 | -.000976 | -.000283 | 52.26833 | 5.043559 |
| #3 | .0468823 | .003520  | 7.421859 | .004975  | .003866  | 52.03177 | 5.041079 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0062837 | .0293061 | 113.6848 | .1099819 | .1082744 | .2544754 | 138.2542 |
| Stddev | .0000531 | .0005552 | .1210    | .0008006 | .0004656 | .0019161 | .1122    |
| %RSD   | .8450777 | 1.894561 | .1064759 | .7279287 | .4300360 | .7529704 | .0811278 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0063199 | .0295184 | 113.5514 | .1090754 | .1081043 | .2531723 | 138.1511 |
| #2 | .0062227 | .0297238 | 113.7876 | .1102781 | .1088012 | .2566755 | 138.3736 |
| #3 | .0063084 | .0286760 | 113.7153 | .1105922 | .1079178 | .2535784 | 138.2380 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.622724 | 55.99845 | .1398725 | -.002458 | .5259768 | .1818898 | 1.792453 |
| Stddev | .011767  | .10779   | .0026907 | .000074  | .1356061 | .0026739 | .004617  |
| %RSD   | .1222786 | .1924853 | 1.923701 | 2.992761 | 25.78177 | 1.470069 | .2575641 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 9.609262 | 56.07699 | .1389055 | -.002374 | .3698549 | .1823782 | 1.788367 |
| #2 | 9.631045 | 56.04279 | .1429131 | -.002487 | .5936210 | .1790054 | 1.791529 |
| #3 | 9.627866 | 55.87556 | .1377988 | -.002512 | .6144544 | .1842858 | 1.797461 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.102802 | 2.523487 | -.002945 | .0006073 | 1.730902 | 9.735193 | .0079956 |
| Stddev | .026199  | .039247  | .000904  | .0004847 | .032790  | .041356  | .0021178 |
| %RSD   | .8443605 | 1.555250 | 30.68202 | 79.81883 | 1.894367 | .4248078 | 26.48701 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.108905 | 2.543398 | -.003980 | .0011251 | 1.739391 | 9.687447 | .0091342 |
| #2 | 3.074091 | 2.548787 | -.002318 | .0001645 | 1.758613 | 9.758289 | .0055521 |
| #3 | 3.125411 | 2.478276 | -.002536 | .0005322 | 1.694703 | 9.759842 | .0093005 |

Sample Name: I2116-12      Acquired: 3/11/2017 17:31:01      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WL4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .6283737 | .0291354 | .0717756 |
| Stddev | .0001932 | .0006306 | .0000680 |
| %RSD   | .0307488 | 2.164338 | .0947265 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .6281885 | .0285750 | .0717002 |
| #2 | .6283584 | .0290129 | .0718322 |
| #3 | .6285741 | .0298182 | .0717944 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 769.9666 | 1190.243 | 38647.54 | 8485.249 | 1863.013 |
| Stddev    | .6798    | 10.101   | 71.41    | 21.493   | 15.210   |
| %RSD      | .0882929 | .8486696 | .1847642 | .2532976 | .8164164 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 769.8413 | 1189.209 | 38729.66 | 8509.619 | 1860.872 |
| #2 | 770.7003 | 1180.699 | 38612.90 | 8477.128 | 1848.987 |
| #3 | 769.3581 | 1200.822 | 38600.06 | 8469.000 | 1879.180 |

Sample Name: I2116-13      Acquired: 3/11/2017 17:35:03      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WL5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0794807 | .0026069 | 14.68542 | .0007248 | .0066352 | 76.13809 | 8.941246 |
| Stddev | .0032581 | .0058325 | .05382   | .0048189 | .0028577 | .16604   | .160973  |
| %RSD   | 4.099173 | 223.7385 | .3665090 | 664.8572 | 43.06813 | .2180720 | 1.800337 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0793549 | .0048261 | 14.73595 | .0041588 | .0040936 | 76.16066 | 9.090359 |
| #2 | .0827998 | -.004010 | 14.62882 | .0027996 | .0097285 | 76.29169 | 8.770585 |
| #3 | .0762873 | .007004  | 14.69150 | -.004784 | .0060834 | 75.96193 | 8.962796 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0089151 | .0514460 | 136.8840 | .1330417 | .1872370 | .4518326 | 183.1004 |
| Stddev | .0000648 | .0002790 | .4962    | .0006252 | .0011620 | .0013154 | .4465    |
| %RSD   | .7270792 | .5424199 | .3625102 | .4699375 | .6206059 | .2911229 | .2438347 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0089633 | .0516647 | 137.4090 | .1327186 | .1876689 | .4509120 | 183.5789 |
| #2 | .0088414 | .0511317 | 136.8203 | .1326441 | .1859209 | .4512466 | 183.0273 |
| #3 | .0089405 | .0515416 | 136.4227 | .1337624 | .1881213 | .4533391 | 182.6950 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.97226 | 68.29504 | .2435888 | -.002910 | .6804250 | .2407340 | 2.890911 |
| Stddev | .04157   | .11421   | .0008337 | .000132  | .0568752 | .0047822 | .010926  |
| %RSD   | .2776333 | .1672333 | .3422491 | 4.547751 | 8.358773 | 1.986503 | .3779369 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 15.00756 | 68.39278 | .2444379 | -.002770 | .7458340 | .2352230 | 2.903220 |
| #2 | 14.98277 | 68.16949 | .2427714 | -.002926 | .6528235 | .2431870 | 2.887151 |
| #3 | 14.92644 | 68.32285 | .2435571 | -.003033 | .6426177 | .2437919 | 2.882362 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.274674 | 3.911352 | -.010048 | .0013171 | 3.370563 | 3.094252 | .0128077 |
| Stddev | .019862  | .015841  | .003506  | .0009056 | .013531  | .012185  | .0025655 |
| %RSD   | .3765528 | .4049978 | 34.89253 | 68.75936 | .4014589 | .3937934 | 20.03091 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.252291 | 3.917072 | -.006008 | .0006047 | 3.376757 | 3.108197 | .0099681 |
| #2 | 5.290195 | 3.893446 | -.012294 | .0023362 | 3.355043 | 3.088900 | .0149584 |
| #3 | 5.281537 | 3.923538 | -.011844 | .0010103 | 3.379889 | 3.085659 | .0134968 |

Sample Name: I2116-13      Acquired: 3/11/2017 17:35:03      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MG9WL5      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5442441 | .0433724 | .1055809 |
| Stddev | .0022865 | .0001433 | .0001083 |
| %RSD   | .4201227 | .3305119 | .1025919 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .5450643 | .0434350 | .1056388 |
| #2 | .5460074 | .0432084 | .1056481 |
| #3 | .5416607 | .0434739 | .1054560 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 794.5914 | 1238.660 | 40026.27 | 8896.521 | 1807.364 |
| Stddev    | 2.8044   | 1.106    | 114.07   | 29.603   | 4.619    |
| %RSD      | .3529409 | .0893157 | .2849889 | .3327507 | .2555495 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 791.3928 | 1238.203 | 39895.90 | 8866.502 | 1803.208 |
| #2 | 796.6286 | 1239.922 | 40107.72 | 8897.371 | 1812.336 |
| #3 | 795.7527 | 1237.856 | 40075.19 | 8925.690 | 1806.548 |

Sample Name: I2116-14      Acquired: 3/11/2017 17:39:15      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WL6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0623872 | -.003473 | .3646296 | .0043996 | .0033746 | 52.81329 | 2.093649 |
| Stddev | .0038394 | .004010  | .0011882 | .0084207 | .0020371 | .35838   | .011113  |
| %RSD   | 6.154196 | 115.4664 | .3258630 | 191.3951 | 60.36546 | .6785859 | .5307949 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0584323 | -.006607 | .3639740 | -.002077 | .0040317 | 52.52422 | 2.089042 |
| #2 | .0626296 | -.004859 | .3660011 | .001358  | .0050020 | 53.21428 | 2.106324 |
| #3 | .0660997 | .001046  | .3639136 | .013919  | .0010900 | 52.70137 | 2.085580 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0062413 | .0085224 | 15.29699 | .1259996 | .0749693 | .1130643 | 130.5934 |
| Stddev | .0001104 | .0002652 | .09183   | .0005092 | .0004349 | .0013316 | .9072    |
| %RSD   | 1.769358 | 3.111567 | .6003437 | .4041167 | .5800385 | 1.177732 | .6946910 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0061702 | .0088114 | 15.20761 | .1263236 | .0749336 | .1128481 | 129.7226 |
| #2 | .0063686 | .0082902 | 15.39110 | .1254127 | .0745534 | .1144908 | 131.5332 |
| #3 | .0061852 | .0084656 | 15.29228 | .1262625 | .0754209 | .1118540 | 130.5245 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.841467 | 9.053383 | .1146848 | -.003397 | .4568698 | .1885956 | .9615355 |
| Stddev | .061396  | .086532  | .0005000 | .000115  | .0560463 | .0007194 | .0047000 |
| %RSD   | .7829698 | .9558012 | .4359641 | 3.395398 | 12.26746 | .3814586 | .4888050 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.789176 | 8.968191 | .1152220 | -.003325 | .4696673 | .1880599 | .9609343 |
| #2 | 7.909070 | 9.141196 | .1145994 | -.003336 | .5054106 | .1894133 | .9665072 |
| #3 | 7.826155 | 9.050763 | .1142330 | -.003530 | .3955314 | .1883136 | .9571649 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.156624 | 2.129650 | -.009524 | .0005833 | .5651477 | 2.149919 | .0104224 |
| Stddev | .030986  | .013596  | .000539  | .0006112 | .0097744 | .021289  | .0020001 |
| %RSD   | .9816087 | .6384117 | 5.664537 | 104.7801 | 1.729537 | .9902028 | 19.19033 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.175172 | 2.143096 | -.010065 | .0012848 | .5711146 | 2.131003 | .0126079 |
| #2 | 3.173847 | 2.115909 | -.008986 | .0001647 | .5704610 | 2.172973 | .0086830 |
| #3 | 3.120853 | 2.129945 | -.009521 | .0003005 | .5538675 | 2.145782 | .0099764 |

Sample Name: I2116-14      Acquired: 3/11/2017 17:39:15      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WL6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .4940870 | .0279472 | .0356957 |
| Stddev | .0021163 | .0002742 | .0001492 |
| %RSD   | .4283223 | .9812821 | .4179015 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .4921801 | .0276330 | .0355926 |
| #2 | .4963639 | .0281384 | .0358668 |
| #3 | .4937170 | .0280702 | .0356278 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 798.7454 | 1244.753 | 39603.52 | 8666.743 | 1968.562 |
| Stddev    | 3.3809   | 7.730    | 30.59    | 66.335   | 9.254    |
| %RSD      | .4232818 | .6210389 | .0772303 | .7653970 | .4700933 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 796.4172 | 1246.193 | 39569.74 | 8728.158 | 1967.352 |
| #2 | 797.1956 | 1251.661 | 39611.51 | 8596.394 | 1978.361 |
| #3 | 802.6234 | 1236.403 | 39629.32 | 8675.678 | 1959.972 |

Sample Name: I2117-01      Acquired: 3/11/2017 17:43:18      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WM3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0839451 | -.001666 | 26.85520 | .0047366 | .0082148 | 60.29501 | 9.875860 |
| Stddev | .0056960 | .001438  | .17699   | .0075434 | .0014076 | .40009   | .150611  |
| %RSD   | 6.785374 | 86.28608 | .6590646 | 159.2595 | 17.13527 | .6635528 | 1.525039 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0894715 | -.003283 | 27.02763 | .0050382 | .0082944 | 59.96878 | 9.744755 |
| #2 | .0842703 | -.000531 | 26.86400 | .0121246 | .0067691 | 60.74142 | 10.04037 |
| #3 | .0780934 | -.001185 | 26.67397 | -.002953 | .0095809 | 60.17485 | 9.84246  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0083508 | .0885451 | 308.0368 | .0928614 | .2562317 | .6836987 | 187.3035 |
| Stddev | .0001425 | .0005740 | 3.1617   | .0007242 | .0013095 | .0048776 | 1.5268   |
| %RSD   | 1.706651 | .6482367 | 1.026417 | .7798641 | .5110557 | .7134093 | .8151298 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0084989 | .0891552 | 305.1307 | .0932588 | .2574910 | .6813266 | 185.9331 |
| #2 | .0082146 | .0884643 | 311.4036 | .0920255 | .2563268 | .6893086 | 188.9492 |
| #3 | .0083387 | .0880158 | 307.5760 | .0932999 | .2548772 | .6804609 | 187.0282 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 17.32918 | 151.7240 | .2430482 | .0010281 | .6796287 | .2147111 | 5.051488 |
| Stddev | .16680   | 1.1489   | .0007594 | .0002610 | .0457809 | .0011395 | .007744  |
| %RSD   | .9625379 | .7572339 | .3124531 | 25.38506 | 6.736168 | .5307230 | .1533003 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 17.18296 | 150.8882 | .2438809 | .0008906 | .7258817 | .2136954 | 5.054916 |
| #2 | 17.51086 | 153.0341 | .2428701 | .0008646 | .6343349 | .2159434 | 5.042621 |
| #3 | 17.29373 | 151.2498 | .2423937 | .0013291 | .6786696 | .2144947 | 5.056926 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.363552 | 4.283122 | -.003378 | .0010046 | 7.121122 | 2.320593 | .0065879 |
| Stddev | .074472  | .033364  | .001503  | .0006767 | .059119  | .019675  | .0019601 |
| %RSD   | 1.706672 | .7789591 | 44.50229 | 67.36132 | .8301886 | .8478310 | 29.75306 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.295351 | 4.309908 | -.003222 | .0017546 | 7.179156 | 2.306613 | .0043247 |
| #2 | 4.443012 | 4.293709 | -.004954 | .0004396 | 7.123236 | 2.343091 | .0076951 |
| #3 | 4.352293 | 4.245750 | -.001959 | .0008197 | 7.060975 | 2.312074 | .0077439 |

Sample Name: I2117-01      Acquired: 3/11/2017 17:43:18      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WM3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5136314 | .0406091 | .1625180 |
| Stddev | .0060839 | .0001716 | .0010470 |
| %RSD   | 1.184478 | .4224649 | .6442569 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .5091551 | .0404985 | .1620358 |
| #2 | .5205584 | .0405221 | .1637193 |
| #3 | .5111807 | .0408067 | .1617990 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 744.5667 | 1158.449 | 37797.33 | 8474.741 | 1722.541 |
| Stddev    | .7695    | 5.141    | 82.74    | 89.961   | 10.245   |
| %RSD      | .1033440 | .4437779 | .2189098 | 1.061518 | .5947777 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 745.1768 | 1152.682 | 37707.61 | 8544.757 | 1711.293 |
| #2 | 743.7022 | 1160.111 | 37813.76 | 8373.278 | 1724.990 |
| #3 | 744.8210 | 1162.553 | 37870.63 | 8506.189 | 1731.340 |

Sample Name: I2117-02      Acquired: 3/11/2017 17:47:28      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WM4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0486485 | -.000288 | .2683634 | .0031926 | .0026311 | 37.96890 | 1.385907 |
| Stddev | .0051946 | .005534  | .0024987 | .0047970 | .0019480 | .61169   | .024809  |
| %RSD   | 10.67777 | 1923.544 | .9310884 | 150.2546 | 74.03845 | 1.611038 | 1.790058 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0542756 | .004048  | .2656319 | -.001698 | .0019368 | 37.53024 | 1.369432 |
| #2 | .0476338 | -.006521 | .2689244 | .003386  | .0011253 | 38.66766 | 1.414439 |
| #3 | .0440362 | .001610  | .2705339 | .007890  | .0048311 | 37.70879 | 1.373848 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0046546 | .0062664 | 9.774147 | .1154926 | .0556654 | .0883665 | 106.9604 |
| Stddev | .0001760 | .0002201 | .144957  | .0010903 | .0003954 | .0025369 | 1.9100   |
| %RSD   | 3.780297 | 3.513089 | 1.483068 | .9440881 | .7103266 | 2.870910 | 1.785668 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0046982 | .0063696 | 9.680035 | .1143648 | .0557306 | .0858952 | 105.5984 |
| #2 | .0048047 | .0060136 | 9.941077 | .1155718 | .0552415 | .0909643 | 109.1436 |
| #3 | .0044610 | .0064159 | 9.701329 | .1165412 | .0560242 | .0882400 | 106.1392 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.220106 | 6.270205 | .0849740 | -.002713 | .4012646 | .1592246 | .7220088 |
| Stddev | .088738  | .152880  | .0010821 | .000153  | .1143908 | .0022935 | .0026883 |
| %RSD   | 1.699921 | 2.438200 | 1.273500 | 5.642421 | 28.50757 | 1.440397 | .3723369 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.149079 | 6.106856 | .0838532 | -.002720 | .2716997 | .1570135 | .7234014 |
| #2 | 5.319578 | 6.409846 | .0860129 | -.002556 | .4882946 | .1615924 | .7189099 |
| #3 | 5.191660 | 6.293914 | .0850559 | -.002862 | .4437994 | .1590678 | .7237151 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.092380 | 1.846827 | -.006664 | .0005992 | .2389781 | 1.941463 | .0062423 |
| Stddev | .076111  | .012639  | .001621  | .0002718 | .0022123 | .027325  | .0019480 |
| %RSD   | 3.637517 | .6843474 | 24.32099 | 45.36520 | .9257332 | 1.407426 | 31.20656 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.015759 | 1.840909 | -.008512 | .0008888 | .2414399 | 1.930819 | .0077399 |
| #2 | 2.167970 | 1.838233 | -.005993 | .0005591 | .2383378 | 1.972508 | .0069470 |
| #3 | 2.093412 | 1.861339 | -.005486 | .0003496 | .2371565 | 1.921062 | .0040400 |

Sample Name: I2117-02      Acquired: 3/11/2017 17:47:28      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WM4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5331981 | .0202258 | .0265393 |
| Stddev | .0089816 | .0003222 | .0005037 |
| %RSD   | 1.684470 | 1.592845 | 1.897910 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .5276157 | .0203567 | .0262168 |
| #2 | .5435587 | .0204618 | .0271197 |
| #3 | .5284198 | .0198587 | .0262813 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 793.6765 | 1233.455 | 39558.69 | 8475.830 | 2018.444 |
| Stddev    | 3.8373   | 3.824    | 111.19   | 109.474  | 6.732    |
| %RSD      | .4834887 | .3099953 | .2810754 | 1.291600 | .3335195 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 793.1447 | 1229.457 | 39618.37 | 8529.270 | 2016.724 |
| #2 | 797.7520 | 1237.077 | 39627.29 | 8349.900 | 2025.869 |
| #3 | 790.1328 | 1233.831 | 39430.40 | 8548.321 | 2012.738 |

Sample Name: I2117-03      Acquired: 3/11/2017 17:51:30      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WM5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0511944 | .0033492 | .2573090 | -.000036 | .0039097 | 38.16038 | 1.474331 |
| Stddev | .0099271 | .0024035 | .0017070 | .003422  | .0015046 | .11695   | .002611  |
| %RSD   | 19.39105 | 71.76197 | .6633963 | 9415.886 | 38.48406 | .3064618 | .1770938 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0557823 | .0027462 | .2588201 | -.003218 | .0021755 | 38.13401 | 1.473251 |
| #2 | .0398031 | .0059967 | .2576495 | -.000474 | .0046856 | 38.05886 | 1.472433 |
| #3 | .0579977 | .0013047 | .2554574 | .003583  | .0048679 | 38.28825 | 1.477308 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0045943 | .0061795 | 10.02891 | .1030532 | .0519723 | .0890596 | 105.2453 |
| Stddev | .0001506 | .0002985 | .07136   | .0001944 | .0005485 | .0009174 | .4436    |
| %RSD   | 3.278497 | 4.829805 | .7115914 | .1886106 | 1.055398 | 1.030089 | .4215114 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0044302 | .0062042 | 9.96419  | .1032052 | .0526009 | .0900650 | 105.0822 |
| #2 | .0047262 | .0058694 | 10.01710 | .1028342 | .0517250 | .0888458 | 104.9063 |
| #3 | .0046266 | .0064648 | 10.10545 | .1031203 | .0515909 | .0882680 | 105.7474 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.033687 | 6.267644 | .0846092 | -.002621 | .2414999 | .1538389 | .7006900 |
| Stddev | .019433  | .045451  | .0013965 | .000250  | .0531257 | .0041578 | .0015404 |
| %RSD   | .3860564 | .7251713 | 1.650497 | 9.551666 | 21.99825 | 2.702684 | .2198326 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.021953 | 6.241035 | .0859628 | -.002365 | .2592850 | .1533738 | .7012544 |
| #2 | 5.022989 | 6.241772 | .0831735 | -.002865 | .2834514 | .1582097 | .7018685 |
| #3 | 5.056118 | 6.320125 | .0846912 | -.002633 | .1817634 | .1499333 | .6989470 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.286251 | 1.817846 | -.005706 | .0003572 | .2673986 | 2.109903 | .0092865 |
| Stddev | .024016  | .030613  | .002163  | .0003675 | .0088667 | .003135  | .0037603 |
| %RSD   | 1.050464 | 1.684041 | 37.90189 | 102.8959 | 3.315901 | .1485668 | 40.49203 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.259774 | 1.841461 | -.006856 | .0003805 | .2754253 | 2.108479 | .0122049 |
| #2 | 2.292347 | 1.783259 | -.003211 | -.000021 | .2578810 | 2.113497 | .0106116 |
| #3 | 2.306631 | 1.828818 | -.007051 | .000713  | .2688895 | 2.107734 | .0050431 |

Sample Name: I2117-03      Acquired: 3/11/2017 17:51:30      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WM5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5485104 | .0200541 | .0266406 |
| Stddev | .0034426 | .0001405 | .0001075 |
| %RSD   | .6276293 | .7008101 | .4036367 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .5478847 | .0198951 | .0265785 |
| #2 | .5454235 | .0201058 | .0265785 |
| #3 | .5522229 | .0201615 | .0267648 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 779.7421 | 1223.927 | 39117.60 | 8387.381 | 2007.469 |
| Stddev    | 1.5092   | 12.735   | 36.43    | 33.313   | 27.885   |
| %RSD      | .1935548 | 1.040467 | .0931277 | .3971749 | 1.389066 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 778.1071 | 1212.646 | 39099.12 | 8402.128 | 1982.448 |
| #2 | 781.0821 | 1237.736 | 39159.57 | 8410.775 | 2037.531 |
| #3 | 780.0370 | 1221.399 | 39094.12 | 8349.240 | 2002.429 |

Sample Name: I2117-04      Acquired: 3/11/2017 17:55:32      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WM6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0425669 | -.003326 | .2386305 | .0055791 | .0019047 | 33.89760 | 1.298816 |
| Stddev | .0018849 | .000682  | .0028092 | .0036277 | .0027784 | .09170   | .005200  |
| %RSD   | 4.428054 | 20.49188 | 1.177236 | 65.02347 | 145.8716 | .2705253 | .4003891 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0444329 | -.004093 | .2365894 | .0090636 | -.000599 | 33.89130 | 1.297525 |
| #2 | .0406637 | -.002790 | .2374676 | .0058506 | .004894  | 33.80921 | 1.294383 |
| #3 | .0426041 | -.003095 | .2418344 | .0018233 | .001419  | 33.99229 | 1.304541 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0040375 | .0055253 | 8.881518 | .0915253 | .0471842 | .0801648 | 93.79304 |
| Stddev | .0001281 | .0002167 | .017511  | .0015944 | .0004505 | .0021852 | .09399   |
| %RSD   | 3.172849 | 3.922669 | .1971640 | 1.742058 | .9548214 | 2.725924 | .1002107 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0041845 | .0055030 | 8.901522 | .0920991 | .0469755 | .0826752 | 93.89423 |
| #2 | .0039498 | .0053206 | 8.874067 | .0897233 | .0468760 | .0791303 | 93.70847 |
| #3 | .0039781 | .0057523 | 8.868964 | .0927533 | .0477013 | .0786889 | 93.77641 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.470249 | 5.705611 | .0751387 | -.001976 | .2877736 | .1388047 | .6204461 |
| Stddev | .011223  | .060187  | .0008286 | .000474  | .0453394 | .0034989 | .0120731 |
| %RSD   | .2510568 | 1.054880 | 1.102778 | 23.97135 | 15.75524 | 2.520767 | 1.945880 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.475232 | 5.691857 | .0750423 | -.001799 | .2374271 | .1414478 | .6278819 |
| #2 | 4.457397 | 5.653491 | .0743625 | -.001617 | .3253801 | .1401296 | .6065158 |
| #3 | 4.478117 | 5.771485 | .0760113 | -.002513 | .3005137 | .1348368 | .6269406 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.908257 | 1.652867 | -.005849 | .0000352 | .2453231 | 1.695034 | .0076168 |
| Stddev | .026270  | .025624  | .001827  | .0004389 | .0055867 | .015783  | .0004723 |
| %RSD   | 1.376656 | 1.550299 | 31.23442 | 1248.304 | 2.277265 | .9311080 | 6.201045 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.889765 | 1.649247 | -.003820 | .0001868 | .2479654 | 1.707575 | .0074551 |
| #2 | 1.896678 | 1.629244 | -.007364 | .0003781 | .2389054 | 1.677312 | .0072466 |
| #3 | 1.938327 | 1.680108 | -.006362 | -.000459 | .2490984 | 1.700214 | .0081488 |

Sample Name: I2117-04      Acquired: 3/11/2017 17:55:32      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WM6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5157659 | .0174159 | .0237144 |
| Stddev | .0015600 | .0005090 | .0001270 |
| %RSD   | .3024567 | 2.922839 | .5354032 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .5163257 | .0171356 | .0237771 |
| #2 | .5140033 | .0180035 | .0235683 |
| #3 | .5169687 | .0171087 | .0237978 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 787.2122 | 1207.750 | 39028.36 | 8385.624 | 1999.473 |
| Stddev    | 14.8179  | 9.556    | 626.73   | 38.196   | 20.232   |
| %RSD      | 1.882332 | .7911900 | 1.605843 | .4554900 | 1.011879 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 778.9585 | 1211.182 | 38604.12 | 8342.517 | 2010.201 |
| #2 | 804.3190 | 1215.116 | 39748.23 | 8415.254 | 2012.082 |
| #3 | 778.3591 | 1196.952 | 38732.72 | 8399.102 | 1976.136 |

Sample Name: I2117-05      Acquired: 3/11/2017 17:59:36      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WM7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0752441 | .0055120 | .5509381 | -.000643 | .0041247 | 76.23848 | 2.962120 |
| Stddev | .0056290 | .0046414 | .0089852 | .003422  | .0020611 | .23252   | .014782  |
| %RSD   | 7.480951 | 84.20448 | 1.630886 | 532.5093 | 49.97028 | .3049841 | .4990279 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0703201 | .0001599 | .5532817 | -.000750 | .0063345 | 76.44536 | 2.963018 |
| #2 | .0813805 | .0084300 | .5410134 | -.004009 | .0022544 | 76.28324 | 2.976432 |
| #3 | .0740316 | .0079461 | .5585193 | .002832  | .0037851 | 75.98684 | 2.946909 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0082170 | .0123336 | 19.77140 | .1248224 | .1163329 | .1636422 | 165.1672 |
| Stddev | .0000698 | .0000958 | .03643   | .0009850 | .0014793 | .0010092 | .5862    |
| %RSD   | .8488281 | .7766000 | .1842316 | .7890795 | 1.271625 | .6166922 | .3549248 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0082721 | .0123994 | 19.77967 | .1244383 | .1173244 | .1636292 | 165.8202 |
| #2 | .0082404 | .0122237 | 19.80299 | .1240874 | .1146325 | .1626395 | 164.9950 |
| #3 | .0081386 | .0123777 | 19.73156 | .1259415 | .1170417 | .1646577 | 164.6864 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 11.22811 | 13.14508 | .1690978 | -.005108 | .5813039 | .2365640 | 1.152682 |
| Stddev | .02910   | .06104   | .0013468 | .000145  | .0598066 | .0005251 | .003082  |
| %RSD   | .2591279 | .4643748 | .7964860 | 2.831705 | 10.28835 | .2219583 | .2673759 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 11.25607 | 13.12946 | .1687540 | -.005017 | .6468179 | .2365872 | 1.152865 |
| #2 | 11.23027 | 13.21242 | .1679563 | -.005031 | .5296323 | .2370770 | 1.155669 |
| #3 | 11.19800 | 13.09337 | .1705833 | -.005274 | .5674614 | .2360277 | 1.149513 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.950584 | 3.467172 | -.010931 | .0009557 | .6366344 | 2.124678 | .0112775 |
| Stddev | .026915  | .034603  | .002608  | .0004687 | .0047688 | .017015  | .0010780 |
| %RSD   | .4523078 | .9980039 | 23.85519 | 49.04340 | .7490698 | .8008484 | 9.559134 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.970761 | 3.472713 | -.013755 | .0007562 | .6410944 | 2.141813 | .0124477 |
| #2 | 5.960967 | 3.430133 | -.010425 | .0014911 | .6316074 | 2.107785 | .0110599 |
| #3 | 5.920024 | 3.498670 | -.008614 | .0006197 | .6372012 | 2.124435 | .0103248 |

Sample Name: I2117-05      Acquired: 3/11/2017 17:59:36      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WM7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .6456256 | .0438908 | .0546241 |
| Stddev | .0018103 | .0003544 | .0001220 |
| %RSD   | .2803930 | .8074842 | .2233174 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .6475457 | .0441150 | .0545798 |
| #2 | .6453812 | .0440752 | .0547620 |
| #3 | .6439499 | .0434822 | .0545304 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 846.6789 | 1313.733 | 41966.65 | 9110.110 | 1960.632 |
| Stddev    | 6.0700   | 9.684    | 49.04    | 40.371   | 16.446   |
| %RSD      | .7169159 | .7371521 | .1168463 | .4431400 | .8387999 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 848.9458 | 1302.708 | 41974.07 | 9063.599 | 1945.422 |
| #2 | 839.8017 | 1320.866 | 41914.33 | 9130.660 | 1978.084 |
| #3 | 851.2891 | 1317.624 | 42011.55 | 9136.071 | 1958.391 |

Sample Name: I2117-06      Acquired: 3/11/2017 18:03:37      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WM8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0533595 | .0026590 | .2805318 | .0015011 | .0028282 | 40.65288 | 1.913098 |
| Stddev | .0018899 | .0026930 | .0032304 | .0010698 | .0026234 | .11373   | .004019  |
| %RSD   | 3.541812 | 101.2793 | 1.151539 | 71.26727 | 92.75795 | .2797523 | .2100967 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0541771 | .0022807 | .2802263 | .0021107 | .0007895 | 40.77914 | 1.917736 |
| #2 | .0511985 | .0055211 | .2774650 | .0021267 | .0057879 | 40.62100 | 1.910633 |
| #3 | .0547031 | .0001751 | .2839041 | .0002658 | .0019073 | 40.55849 | 1.910925 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0052369 | .0072446 | 11.69737 | .1068155 | .0650193 | .1011139 | 117.2502 |
| Stddev | .0000727 | .0002127 | .03238   | .0021049 | .0004908 | .0004713 | .1274    |
| %RSD   | 1.388912 | 2.936517 | .2768129 | 1.970545 | .7549071 | .4660727 | .1086314 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0051603 | .0071428 | 11.73286 | .1074010 | .0646993 | .1008791 | 117.3011 |
| #2 | .0052454 | .0071019 | 11.68981 | .1044799 | .0647741 | .1016565 | 117.3442 |
| #3 | .0053050 | .0074891 | 11.66943 | .1085657 | .0655844 | .1008062 | 117.1052 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.543944 | 6.949066 | .0970344 | -.002945 | .3163145 | .1709877 | .8171299 |
| Stddev | .016590  | .085423  | .0003590 | .000140  | .0974574 | .0030136 | .0172615 |
| %RSD   | .2535147 | 1.229272 | .3699237 | 4.761675 | 30.81028 | 1.762486 | 2.112451 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.560441 | 6.962727 | .0972689 | -.002822 | .2146000 | .1675194 | .8186017 |
| #2 | 6.527263 | 7.026836 | .0966212 | -.002914 | .3254755 | .1729670 | .7991797 |
| #3 | 6.544129 | 6.857636 | .0972132 | -.003098 | .4088679 | .1724768 | .8336084 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.303054 | 2.248379 | -.010127 | .0006389 | .3429170 | 1.630989 | .0071403 |
| Stddev | .035601  | .026001  | .000763  | .0005889 | .0127749 | .005059  | .0044425 |
| %RSD   | 1.545803 | 1.156435 | 7.530924 | 92.17238 | 3.725349 | .3101648 | 62.21754 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.305686 | 2.227406 | -.010993 | .0010324 | .3306117 | 1.625416 | .0032168 |
| #2 | 2.266211 | 2.240260 | -.009554 | -.000038 | .3420246 | 1.632259 | .0062401 |
| #3 | 2.337266 | 2.277471 | -.009835 | .000923  | .3561146 | 1.635292 | .0119639 |

Sample Name: I2117-06      Acquired: 3/11/2017 18:03:37      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WM8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .4971799 | .0224972 | .0299879 |
| Stddev | .0019295 | .0001112 | .0000658 |
| %RSD   | .3880833 | .4941481 | .2194271 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .4982845 | .0224209 | .0300360 |
| #2 | .4949519 | .0226247 | .0300146 |
| #3 | .4983031 | .0224460 | .0299129 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 803.8916 | 1243.870 | 39829.93 | 8583.858 | 2007.223 |
| Stddev    | 12.6649  | 8.099    | 693.27   | 26.803   | 14.507   |
| %RSD      | 1.575447 | .6511219 | 1.740581 | .3122474 | .7227338 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 801.8254 | 1247.845 | 39482.53 | 8554.252 | 2014.225 |
| #2 | 817.4626 | 1249.214 | 40628.22 | 8606.472 | 2016.900 |
| #3 | 792.3869 | 1234.551 | 39379.04 | 8590.850 | 1990.543 |

Sample Name: I2118-01      Acquired: 3/11/2017 18:07:41      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WP3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1056938 | .0011544 | .8820400 | .0012244 | .0039000 | 110.1387 | 5.582265 |
| Stddev | .0096453 | .0056880 | .0071321 | .0031548 | .0013006 | .6761    | .060287  |
| %RSD   | 9.125675 | 492.7308 | .8085926 | 257.6616 | 33.34885 | .6138989 | 1.079983 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1167014 | .0021913 | .8901953 | -.000121 | .0025144 | 110.3047 | 5.635405 |
| #2 | .0987217 | -.004981 | .8769697 | .004829  | .0050944 | 110.7165 | 5.516750 |
| #3 | .1016583 | .006253  | .8789551 | -.001035 | .0040911 | 109.3951 | 5.594638 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0105935 | .0199701 | 112.2796 | .1671927 | .1399126 | .2266749 | 230.4741 |
| Stddev | .0001134 | .0002780 | .2390    | .0011354 | .0009483 | .0005625 | .6705    |
| %RSD   | 1.070436 | 1.391839 | .2129054 | .6790759 | .6777791 | .2481690 | .2909184 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0105066 | .0202875 | 112.0082 | .1683888 | .1407120 | .2272356 | 230.0562 |
| #2 | .0107218 | .0198531 | 112.4588 | .1670594 | .1388648 | .2266784 | 231.2475 |
| #3 | .0105522 | .0197698 | 112.3720 | .1661298 | .1401610 | .2261105 | 230.1187 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 15.00550 | 65.74240 | .2599034 | -.007195 | .6485198 | .3374155 | 1.694994 |
| Stddev | .05119   | .16242   | .0020938 | .000280  | .0460868 | .0066029 | .007704  |
| %RSD   | .3411609 | .2470548 | .8055874 | 3.895139 | 7.106469 | 1.956914 | .4545425 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 14.97561 | 65.73661 | .2622159 | -.007490 | .6863114 | .3301051 | 1.693360 |
| #2 | 15.06461 | 65.90764 | .2581364 | -.006932 | .6620715 | .3391951 | 1.703385 |
| #3 | 14.97629 | 65.58295 | .2593578 | -.007164 | .5971764 | .3429462 | 1.688238 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.504826 | 5.408886 | -.019329 | .0028561 | 1.907738 | 1.969280 | .0144965 |
| Stddev | .025055  | .026454  | .001439  | .0005617 | .035725  | .005756  | .0068146 |
| %RSD   | .2945918 | .4890803 | 7.443659 | 19.66624 | 1.872612 | .2922999 | 47.00867 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 8.509446 | 5.438974 | -.020943 | .0035015 | 1.944060 | 1.974584 | .0152068 |
| #2 | 8.527249 | 5.389274 | -.018182 | .0025886 | 1.872642 | 1.970096 | .0073545 |
| #3 | 8.477783 | 5.398412 | -.018861 | .0024782 | 1.906512 | 1.963159 | .0209281 |

Sample Name: I2118-01      Acquired: 3/11/2017 18:07:41      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MG9WP3      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5632127 | .0656576 | .0968016 |
| Stddev | .0020319 | .0005076 | .0003267 |
| %RSD   | .3607766 | .7731597 | .3375336 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .5625956 | .0656982 | .0967084 |
| #2 | .5654817 | .0661437 | .0971648 |
| #3 | .5615609 | .0651308 | .0965315 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 816.4907 | 1279.090 | 41211.23 | 9141.856 | 1809.675 |
| Stddev    | 2.0865   | 10.353   | 277.42   | 16.041   | 13.868   |
| %RSD      | .2555418 | .8093890 | .6731584 | .1754682 | .7663213 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 817.6667 | 1267.599 | 40964.88 | 9135.676 | 1795.277 |
| #2 | 814.0817 | 1287.691 | 41157.07 | 9129.824 | 1822.943 |
| #3 | 817.7237 | 1281.979 | 41511.73 | 9160.068 | 1810.806 |

Sample Name: I2118-02      Acquired: 3/11/2017 18:11:53      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WP4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0440377 | .0004189 | .1680986 | .0010176 | .0031381 | 7.934237 | .3983265 |
| Stddev | .0026320 | .0025252 | .0021450 | .0052309 | .0018147 | .069265  | .0036470 |
| %RSD   | 5.976689 | 602.8245 | 1.276037 | 514.0470 | 57.82648 | .8729889 | .9155755 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0469531 | .0010343 | .1705754 | -.004792 | .0050649 | 7.971638 | .3995262 |
| #2 | .0418367 | .0025795 | .1668505 | .002492  | .0028881 | 7.854312 | .3942308 |
| #3 | .0433231 | -.002357 | .1668699 | .005353  | .0014615 | 7.976762 | .4012225 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0021540 | .0034678 | 2.066913 | .1277940 | .0327374 | .0383638 | 81.59954 |
| Stddev | .0000645 | .0002089 | .015467  | .0003834 | .0004148 | .0003361 | 1.04540  |
| %RSD   | 2.995627 | 6.024919 | .7483288 | .3000441 | 1.267163 | .8760713 | 1.281132 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0021338 | .0034412 | 2.079448 | .1280469 | .0330623 | .0381710 | 82.21113 |
| #2 | .0021020 | .0036887 | 2.049628 | .1279823 | .0328798 | .0381685 | 80.39245 |
| #3 | .0022262 | .0032734 | 2.071663 | .1273528 | .0322701 | .0387518 | 82.19502 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.246825 | 1.064808 | .0355336 | -.001900 | .2726506 | .1522948 | .5167179 |
| Stddev | .012820  | .002917  | .0003185 | .000248  | .0551480 | .0007908 | .0021571 |
| %RSD   | 1.028248 | .2739185 | .8961938 | 13.03030 | 20.22663 | .5192625 | .4174588 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.256168 | 1.063543 | .0358479 | -.001651 | .2782929 | .1532069 | .5191640 |
| #2 | 1.232209 | 1.068143 | .0355417 | -.002146 | .2148984 | .1518774 | .5150884 |
| #3 | 1.252099 | 1.062737 | .0352111 | -.001903 | .3247606 | .1518001 | .5159011 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -1.06316 | .9485833 | -.011019 | .0022116 | .0409241 | 1.551633 | .0062784 |
| Stddev | .02252   | .0149453 | .001269  | .0005884 | .0079595 | .014530  | .0017632 |
| %RSD   | 2.118338 | 1.575539 | 11.51950 | 26.60725 | 19.44939 | .9364336 | 28.08290 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -1.05100 | .9598555 | -.010754 | .0028879 | .0447360 | 1.560118 | .0072674 |
| #2 | -1.08914 | .9542638 | -.012401 | .0018168 | .0462607 | 1.534855 | .0042428 |
| #3 | -1.04933 | .9316306 | -.009904 | .0019301 | .0317755 | 1.559925 | .0073252 |

Sample Name: I2118-02      Acquired: 3/11/2017 18:11:53      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MG9WP4      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .3937846 | .0006323 | .0052575 |
| Stddev | .0047458 | .0001620 | .0001013 |
| %RSD   | 1.205184 | 25.61970 | 1.926755 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .3970738 | .0006400 | .0053735 |
| #2 | .3883441 | .0007902 | .0051869 |
| #3 | .3959359 | .0004665 | .0052119 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 753.2279 | 1183.753 | 37344.05 | 8167.270 | 2078.406 |
| Stddev    | 8.6601   | 17.164   | 323.13   | 76.683   | 27.337   |
| %RSD      | 1.149727 | 1.449941 | .8652829 | .9389066 | 1.315285 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 743.4405 | 1167.248 | 36975.40 | 8104.839 | 2051.625 |
| #2 | 759.8971 | 1182.502 | 37478.54 | 8252.865 | 2077.326 |
| #3 | 756.3460 | 1201.507 | 37578.22 | 8144.106 | 2106.267 |

Sample Name: I2118-03      Acquired: 3/11/2017 18:16:00      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WP5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0401393 | .0012427 | .4241205 | .0111835 | .0016497 | 14.22833 | 2.570346 |
| Stddev | .0097269 | .0036813 | .0009629 | .0045895 | .0006770 | .03456   | .002852  |
| %RSD   | 24.23295 | 296.2274 | .2270239 | 41.03839 | 41.03752 | .2428995 | .1109436 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0357752 | .0001445 | .4251649 | .0059157 | .0021996 | 14.19333 | 2.568001 |
| #2 | .0512840 | -.001764 | .4239284 | .0143188 | .0018560 | 14.26243 | 2.569517 |
| #3 | .0333586 | .005348  | .4232682 | .0133160 | .0008936 | 14.22924 | 2.573521 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0023437 | .0039860 | 7.875840 | .1911847 | .0270469 | .0676107 | 89.36708 |
| Stddev | .0000484 | .0001076 | .037811  | .0003670 | .0002625 | .0014942 | .15474   |
| %RSD   | 2.064995 | 2.698226 | .4800941 | .1919765 | .9703492 | 2.210020 | .1731502 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0023896 | .0038726 | 7.919181 | .1913732 | .0270705 | .0681725 | 89.44942 |
| #2 | .0023483 | .0039989 | 7.858734 | .1914191 | .0267734 | .0659171 | 89.46323 |
| #3 | .0022932 | .0040865 | 7.849604 | .1907617 | .0272967 | .0687426 | 89.18858 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.172707 | 3.950877 | .0491854 | -.002007 | .1971087 | .1321194 | .6303824 |
| Stddev | .001023  | .057580  | .0003774 | .000267  | .0698192 | .0021668 | .0058394 |
| %RSD   | .0871979 | 1.457390 | .7672761 | 13.32378 | 35.42170 | 1.640019 | .9263259 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.173413 | 4.005795 | .0492870 | -.002314 | .1164910 | .1340528 | .6239012 |
| #2 | 1.173174 | 3.955875 | .0495015 | -.001878 | .2379874 | .1297774 | .6352335 |
| #3 | 1.171535 | 3.890962 | .0487676 | -.001828 | .2368476 | .1325279 | .6320127 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.322493 | 1.182700 | -.010415 | .0137103 | .5066362 | 4.606941 | .0093674 |
| Stddev | .024036  | .001249  | .000576  | .0004971 | .0143535 | .031959  | .0015401 |
| %RSD   | 7.453147 | .1056074 | 5.532696 | 3.625590 | 2.833091 | .6937213 | 16.44160 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.295225 | 1.181506 | -.009822 | .0141482 | .4995880 | 4.634303 | .0100996 |
| #2 | -.331650 | 1.183998 | -.010972 | .0131700 | .5231512 | 4.614706 | .0104048 |
| #3 | -.340605 | 1.182597 | -.010451 | .0138127 | .4971694 | 4.571815 | .0075977 |

Sample Name: I2118-03      Acquired: 3/11/2017 18:16:00      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WP5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .4431902 | .0054269 | .0301370 |
| Stddev | .0007595 | .0005132 | .0001350 |
| %RSD   | .1713790 | 9.456491 | .4478310 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .4431458 | .0050598 | .0301860 |
| #2 | .4439710 | .0052076 | .0299844 |
| #3 | .4424539 | .0060133 | .0302406 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 753.0967 | 1165.412 | 37467.93 | 8029.835 | 2027.192 |
| Stddev    | 3.9663   | 3.692    | 108.93   | 31.058   | 3.507    |
| %RSD      | .5266624 | .3167964 | .2907371 | .3867847 | .1729817 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 756.7349 | 1162.931 | 37541.97 | 7996.504 | 2023.682 |
| #2 | 748.8685 | 1169.655 | 37342.85 | 8035.038 | 2030.696 |
| #3 | 753.6867 | 1163.649 | 37518.97 | 8057.963 | 2027.199 |

Sample Name: I2118-04      Acquired: 3/11/2017 18:20:07      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WP6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0812469 | .0053087 | 19.07572 | .0048871 | .0043253 | 91.60269 | 13.28652 |
| Stddev | .0030351 | .0046482 | .24728   | .0067405 | .0007763 | .34254   | .18824   |
| %RSD   | 3.735678 | 87.55740 | 1.296317 | 137.9233 | 17.94755 | .3739446 | 1.416765 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0800667 | .0020706 | 19.34359 | -.000499 | .0034606 | 91.33659 | 13.07559 |
| #2 | .0789791 | .0032209 | 19.02743 | .002715  | .0049622 | 91.98917 | 13.43744 |
| #3 | .0846949 | .0106347 | 18.85615 | .012446  | .0045531 | 91.48230 | 13.34654 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0095758 | .0699767 | 211.6941 | .1260737 | .1986504 | .5362768 | 190.5894 |
| Stddev | .0001046 | .0010237 | .2271    | .0002700 | .0020730 | .0012023 | .1594    |
| %RSD   | 1.091895 | 1.462837 | .1072708 | .2141369 | 1.043561 | .2241983 | .0836275 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0095131 | .0710054 | 211.5458 | .1258769 | .2010360 | .5373985 | 190.4776 |
| #2 | .0095179 | .0699666 | 211.9555 | .1259627 | .1976282 | .5350075 | 190.7719 |
| #3 | .0096965 | .0689582 | 211.5809 | .1263815 | .1972869 | .5364244 | 190.5186 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 13.99095 | 98.53516 | .2467980 | -.001657 | .7839329 | .2886898 | 5.035549 |
| Stddev | .04191   | .04309   | .0031383 | .000093  | .0611958 | .0044545 | .017751  |
| %RSD   | .2995401 | .0437277 | 1.271624 | 5.623016 | 7.806254 | 1.542988 | .3525048 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 13.97290 | 98.50059 | .2498999 | -.001549 | .7135436 | .2921047 | 5.037357 |
| #2 | 14.03886 | 98.58343 | .2468697 | -.001708 | .8137485 | .2836513 | 5.052327 |
| #3 | 13.96110 | 98.52146 | .2436244 | -.001713 | .8245067 | .2903133 | 5.016964 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.242946 | 5.271670 | -.002540 | .0005014 | 7.455911 | 5.102139 | .0116139 |
| Stddev | .001150  | .056454  | .000812  | .0002257 | .067421  | .008473  | .0020079 |
| %RSD   | .0158840 | 1.070898 | 31.96235 | 45.02461 | .9042689 | .1660633 | 17.28874 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.243593 | 5.335855 | -.003197 | .0002917 | 7.532515 | 5.102650 | .0137175 |
| #2 | 7.243627 | 5.249444 | -.001633 | .0004720 | 7.429632 | 5.093422 | .0097178 |
| #3 | 7.241618 | 5.229712 | -.002789 | .0007403 | 7.405586 | 5.110345 | .0114065 |

Sample Name: I2118-04      Acquired: 3/11/2017 18:20:07      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WP6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .6822993 | .0563312 | .1991922 |
| Stddev | .0011230 | .0006367 | .0002429 |
| %RSD   | .1645858 | 1.130293 | .1219505 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .6810734 | .0570190 | .1989554 |
| #2 | .6825462 | .0557625 | .1994408 |
| #3 | .6832782 | .0562120 | .1991805 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 775.8419 | 1220.567 | 39150.00 | 8864.459 | 1764.231 |
| Stddev    | 4.0370   | 10.240   | 78.75    | 25.520   | 19.356   |
| %RSD      | .5203371 | .8389719 | .2011524 | .2878877 | 1.097135 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 775.8229 | 1208.885 | 39217.99 | 8842.952 | 1742.876 |
| #2 | 771.8145 | 1224.825 | 39063.71 | 8857.766 | 1769.197 |
| #3 | 779.8884 | 1227.991 | 39168.30 | 8892.658 | 1780.621 |

Sample Name: I2117-15DLX10      Acquired: 3/11/2017 18:24:18      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WN5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0149066 | .0004661 | 6.067441 | -.000722 | .0003415 | 8.136082 | .5504171 |
| Stddev | .0068323 | .0038399 | .045933  | .005200  | .0011000 | .009809  | .0007882 |
| %RSD   | 45.83369 | 823.8932 | .7570465 | 720.2167 | 322.1058 | .1205601 | .1431917 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0108928 | .0047604 | 6.112094 | -.006198 | -.000097 | 8.147187 | .5512695 |
| #2 | .0227954 | -.002637 | 6.069902 | .004150  | -.000472 | 8.128600 | .5497147 |
| #3 | .0110317 | -.000725 | 6.020327 | -.000118 | .001593  | 8.132459 | .5502672 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0009857 | .0119720 | 21.09447 | .0111196 | .0293494 | .1335660 | 21.59571 |
| Stddev | .0001040 | .0000647 | .04615   | .0002816 | .0005504 | .0025339 | .11014   |
| %RSD   | 10.55402 | .5406172 | .2187877 | 2.532376 | 1.875185 | 1.897123 | .5099966 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0008656 | .0119901 | 21.08467 | .0114422 | .0295299 | .1358199 | 21.52039 |
| #2 | .0010451 | .0120258 | 21.05400 | .0109933 | .0297869 | .1308233 | 21.54463 |
| #3 | .0010465 | .0119002 | 21.14473 | .0109232 | .0287315 | .1340548 | 21.72211 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.893256 | 10.03189 | .0366731 | .0001753 | .0482061 | .0227373 | .6884334 |
| Stddev | .005449  | .08937   | .0000686 | .0002626 | .0725866 | .0052868 | .0039822 |
| %RSD   | .2878358 | .8908462 | .1869722 | 149.8126 | 150.5757 | 23.25153 | .5784434 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.896708 | 10.13036 | .0367292 | .0001816 | .0201007 | .0170584 | .6906342 |
| #2 | 1.886973 | 9.95592  | .0365966 | -.000090 | -.006125 | .0236371 | .6838366 |
| #3 | 1.896085 | 10.00939 | .0366934 | .000435  | .130643  | .0275165 | .6908296 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4525247 | .3531238 | -.004443 | .0005590 | .2623469 | .2563958 | .0027192 |
| Stddev | .0274297 | .0091778 | .001041  | .0003073 | .0060735 | .0008205 | .0015210 |
| %RSD   | 6.061491 | 2.599043 | 23.42963 | 54.98347 | 2.315083 | .3200066 | 55.93349 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4433852 | .3560341 | -.003241 | .0005965 | .2693299 | .2565193 | .0033543 |
| #2 | .4833574 | .3604936 | -.005080 | .0002346 | .2582933 | .2555205 | .0009837 |
| #3 | .4308315 | .3428436 | -.005006 | .0008458 | .2594175 | .2571475 | .0038198 |

Sample Name: I2117-15DLX10      Acquired: 3/11/2017 18:24:18      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MG9WN5      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0662001 | .0039851 | .0113070 |
| Stddev | .0010923 | .0003145 | .0000198 |
| %RSD   | 1.650043 | 7.892216 | .1749236 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0649767 | .0042640 | .0113226 |
| #2 | .0670775 | .0040472 | .0113136 |
| #3 | .0665462 | .0036442 | .0112847 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 745.0432 | 1170.863 | 36471.92 | 7791.820 | 2039.659 |
| Stddev    | 5.0364   | 11.609   | 163.65   | 5.141    | 18.387   |
| %RSD      | .6759880 | .9914833 | .4487039 | .0659790 | .9014663 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 739.2342 | 1159.849 | 36286.93 | 7791.309 | 2022.343 |
| #2 | 747.7075 | 1169.751 | 36530.97 | 7786.953 | 2037.679 |
| #3 | 748.1878 | 1182.987 | 36597.84 | 7797.197 | 2058.956 |

Sample Name: CCV069      Acquired: 3/11/2017 18:28:24      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV069      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.011406 | 4.810194 | 24.54839 | 4.862328 | 4.949307 | 393.6850 | 10.02899 |
| Stddev | .010246  | .011285  | .00690   | .037325  | .019481  | 1.7206   | .01535   |
| %RSD   | .2044439 | .2345985 | .0281093 | .7676303 | .3936098 | .4370401 | .1530384 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.020424 | 4.823224 | 24.54880 | 4.876724 | 4.966932 | 393.2505 | 10.04613 |
| #2 | 5.013530 | 4.803758 | 24.55507 | 4.890310 | 4.952599 | 392.2234 | 10.02431 |
| #3 | 5.000265 | 4.803599 | 24.54129 | 4.819948 | 4.928390 | 395.5812 | 10.01653 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4835601 | 2.462953 | 390.0958 | 15.63813 | 2.487097 | 15.37256 | 389.6115 |
| Stddev | .0034014 | .003398  | .8011    | .08139   | .002583  | .05842   | .8117    |
| %RSD   | .7034017 | .1379695 | .2053625 | .5204393 | .1038649 | .3800532 | .2083244 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4833487 | 2.465700 | 389.4480 | 15.57304 | 2.489468 | 15.38730 | 388.6954 |
| #2 | .4802693 | 2.464006 | 389.8479 | 15.61196 | 2.487479 | 15.30818 | 389.8981 |
| #3 | .4870622 | 2.459153 | 390.9916 | 15.72938 | 2.484344 | 15.42221 | 390.2409 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.65594 | 389.4757 | 2.460330 | 1.307905 | 389.9788 | 2.461229 | 15.08656 |
| Stddev | .05435   | .9254    | .005039  | .002784  | 1.0232   | .015915  | .05833   |
| %RSD   | .3708544 | .2376037 | .2048121 | .2128242 | .2623650 | .6466375 | .3866353 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 14.62846 | 389.1985 | 2.463947 | 1.305077 | 389.5699 | 2.464074 | 15.12879 |
| #2 | 14.62083 | 388.7206 | 2.462467 | 1.307997 | 389.2233 | 2.444083 | 15.02000 |
| #3 | 14.71855 | 390.5080 | 2.454574 | 1.310642 | 391.1432 | 2.475529 | 15.11088 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 153.0176 | 5.039031 | 4.732817 | 4.842570 | 5.004000 | 4.832972 | 4.895359 |
| Stddev | .5168    | .014480  | .030893  | .018369  | .016919  | .032301  | .010062  |
| %RSD   | .3377540 | .2873515 | .6527368 | .3793260 | .3381103 | .6683377 | .2055438 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 153.6067 | 5.055536 | 4.742476 | 4.843911 | 4.986028 | 4.843395 | 4.900122 |
| #2 | 152.6408 | 5.033091 | 4.698249 | 4.860232 | 5.006351 | 4.796747 | 4.883799 |
| #3 | 152.8051 | 5.028465 | 4.757727 | 4.823568 | 5.019620 | 4.858775 | 4.902155 |

Sample Name: CCV069      Acquired: 3/11/2017 18:28:24      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV069      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.882500 | 5.144506 | 5.067531 |
| Stddev | .009043  | .023739  | .004915  |
| %RSD   | .1852185 | .4614355 | .0969943 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 4.875489 | 5.161944 | 5.062167 |
| #2 | 4.879304 | 5.117472 | 5.071820 |
| #3 | 4.892708 | 5.154102 | 5.068605 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 610.1463 | 951.1822 | 31631.19 | 7171.989 | 1517.176 |
| Stddev    | 3.1241   | 2.8729   | 32.93    | 34.681   | 1.264    |
| %RSD      | .5120317 | .3020362 | .1041166 | .4835566 | .0833362 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 607.4390 | 952.2135 | 31668.24 | 7176.101 | 1517.235 |
| #2 | 609.4351 | 947.9360 | 31605.25 | 7204.430 | 1515.884 |
| #3 | 613.5647 | 953.3972 | 31620.07 | 7135.435 | 1518.411 |

Sample Name: CCB069      Acquired: 3/11/2017 18:32:34      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB069      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.004284 | .0034129 | .0018301 | .0040130 | .0010385 | -.002038 | -.000750 |
| Stddev | .004920  | .0040671 | .0010398 | .0068152 | .0007929 | .005801  | .000228  |
| %RSD   | 114.8321 | 119.1699 | 56.81483 | 169.8292 | 76.35143 | 284.7138 | 30.42092 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.002133 | .0003127 | .0018616 | .0046031 | .0014104 | .004426  | -.000625 |
| #2 | -.000807 | .0019079 | .0028537 | -.003078 | .0001280 | -.006794 | -.001013 |
| #3 | -.009913 | .0080180 | .0007749 | .010514  | .0015770 | -.003745 | -.000612 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000497 | .0002339 | .0017775 | .0000950 | -.000127 | .0005944 | -.005116 |
| Stddev | .0000974 | .0000716 | .0120879 | .0004541 | .000065  | .0013487 | .011015  |
| %RSD   | 196.1115 | 30.61651 | 680.0604 | 478.0255 | 51.12307 | 226.9130 | 215.3103 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000062 | .0001675 | .0143448 | .0004559 | -.000196 | .0020528 | -.001357 |
| #2 | .000097  | .0003098 | -.009766 | -.000415 | -.000120 | -.000608 | -.017518 |
| #3 | .000115  | .0002244 | .000753  | .000244  | -.000066 | .000338  | .003527  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000791 | .0119206 | -.000309 | -.000017 | .0347564 | -.002948 | .0003170 |
| Stddev | .0009025 | .0199140 | .000376  | .000213  | .0221163 | .002587  | .0001277 |
| %RSD   | 1141.510 | 167.0545 | 121.7626 | 1227.414 | 63.63231 | 87.74872 | 40.27637 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000865 | .0159146 | -.000115 | -.000261 | .0368992 | -.000569 | .0003184 |
| #2 | .000169  | -.009688 | -.000743 | .000078  | .0116467 | -.002574 | .0001887 |
| #3 | .000933  | .029535  | -.000069 | .000131  | .0557233 | -.005701 | .0004440 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.129710 | .0022860 | .0013010 | .0003649 | .0060753 | -.002128 | .0004594 |
| Stddev | .038672  | .0055323 | .0003956 | .0005060 | .0035783 | .000941  | .0015523 |
| %RSD   | 29.81395 | 242.0071 | 30.40740 | 138.6606 | 58.89929 | 44.23184 | 337.9255 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.093120 | .0083286 | .0009835 | .0009104 | .0034569 | -.001826 | -.001262 |
| #2 | -.125840 | -.002530 | .0017442 | -.000089 | .0046164 | -.001375 | .001752  |
| #3 | -.170172 | .001059  | .0011754 | .000274  | .0101526 | -.003183 | .000888  |

Sample Name: CCB069      Acquired: 3/11/2017 18:32:34      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: CCB069      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0002463 | -.000660 | -.000038 |
| Stddev | .0002589 | .000140  | .000038  |
| %RSD   | 105.1154 | 21.15693 | 99.97524 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0005399 | -.000789 | .000004  |
| #2 | .0001481 | -.000677 | -.000047 |
| #3 | .0000509 | -.000512 | -.000070 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 757.2139 | 1181.251 | 36957.60 | 7755.833 | 2108.278 |
| Stddev    | 6.5871   | 11.108   | 288.10   | 42.430   | 26.396   |
| %RSD      | .8699193 | .9403466 | .7795329 | .5470718 | 1.252041 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 759.4383 | 1188.330 | 37090.46 | 7758.025 | 2126.559 |
| #2 | 762.4008 | 1186.975 | 37155.30 | 7712.350 | 2120.259 |
| #3 | 749.8025 | 1168.449 | 36627.05 | 7797.125 | 2078.016 |

Sample Name: I2116-03      Acquired: 3/11/2017 18:36:44      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WK5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0712530 | .0014805 | .5016029 | .0007207 | .0043923 | 63.76447 | 4.048509 |
| Stddev | .0050925 | .0061644 | .0055151 | .0038172 | .0059278 | .03638   | .004604  |
| %RSD   | 7.147067 | 416.3650 | 1.099498 | 529.6689 | 134.9599 | .0570509 | .1137097 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0702714 | .0084043 | .4971065 | .0014568 | -.002052 | 63.72588 | 4.045842 |
| #2 | .0767649 | -.003412 | .4999455 | .0041162 | .009613  | 63.79814 | 4.053825 |
| #3 | .0667228 | -.000551 | .5077566 | -.003411 | .005616  | 63.76938 | 4.045860 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0074317 | .0117774 | 17.61990 | .1216385 | .0971925 | .1464676 | 155.6985 |
| Stddev | .0001211 | .0000737 | .04719   | .0013792 | .0006514 | .0006311 | .3529    |
| %RSD   | 1.629597 | .6255607 | .2678220 | 1.133858 | .6701956 | .4308943 | .2266472 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0072996 | .0118073 | 17.58361 | .1206696 | .0973872 | .1457423 | 155.4510 |
| #2 | .0074581 | .0118314 | 17.60285 | .1210284 | .0964660 | .1467689 | 155.5418 |
| #3 | .0075374 | .0116935 | 17.67325 | .1232176 | .0977243 | .1468916 | 156.1026 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.54510 | 10.73739 | .1400380 | -.004268 | .5374260 | .2253401 | 1.456515 |
| Stddev | .03864   | .16090   | .0016563 | .000273  | .0200672 | .0035745 | .022419  |
| %RSD   | .3664505 | 1.498464 | 1.182775 | 6.391117 | 3.733948 | 1.586270 | 1.539244 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 10.51036 | 10.62850 | .1400528 | -.003961 | .5270523 | .2233674 | 1.453857 |
| #2 | 10.53823 | 10.66147 | .1383743 | -.004481 | .5605567 | .2294663 | 1.435544 |
| #3 | 10.58672 | 10.92220 | .1416869 | -.004362 | .5246689 | .2231867 | 1.480145 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.175671 | 3.595906 | -.009992 | .0010844 | .7745585 | 4.374129 | .0088602 |
| Stddev | .012567  | .027175  | .001568  | .0002901 | .0083989 | .039580  | .0047174 |
| %RSD   | .3009655 | .7557270 | 15.69506 | 26.75638 | 1.084351 | .9048749 | 53.24255 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.165288 | 3.605152 | -.008598 | .0011314 | .7806186 | 4.352356 | .0042394 |
| #2 | 4.172084 | 3.565314 | -.009689 | .0013482 | .7649711 | 4.350215 | .0086725 |
| #3 | 4.189642 | 3.617251 | -.011691 | .0007736 | .7780858 | 4.419816 | .0136686 |

Sample Name: I2116-03      Acquired: 3/11/2017 18:36:44      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MG9WK5      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .6242129 | .0357537 | .0742668 |
| Stddev | .0014892 | .0002378 | .0001893 |
| %RSD   | .2385701 | .6650942 | .2548321 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .6250464 | .0355294 | .0740931 |
| #2 | .6250988 | .0357288 | .0744685 |
| #3 | .6224936 | .0360030 | .0742389 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 818.3447 | 1279.595 | 40431.52 | 8891.767 | 1958.757 |
| Stddev    | 6.9388   | 6.561    | 228.82   | 43.213   | 10.748   |
| %RSD      | .8479125 | .5127717 | .5659536 | .4859865 | .5487338 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 821.7341 | 1280.086 | 40569.13 | 8928.404 | 1960.081 |
| #2 | 822.9375 | 1285.898 | 40558.05 | 8902.786 | 1968.782 |
| #3 | 810.3626 | 1272.802 | 40167.37 | 8844.112 | 1947.408 |

Sample Name: I2116-04      Acquired: 3/11/2017 18:40:48      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WK6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0571319 | -.001376 | .3382628 | .0046934 | .0008932 | 46.90147 | 3.559314 |
| Stddev | .0029475 | .000884  | .0015982 | .0037724 | .0018158 | .12296   | .009548  |
| %RSD   | 5.159108 | 64.26195 | .4724794 | 80.37685 | 203.2834 | .2621593 | .2682555 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0553078 | -.002393 | .3383189 | .0078402 | -.001203 | 46.93185 | 3.565185 |
| #2 | .0605324 | -.000779 | .3398323 | .0005115 | .001937  | 47.00639 | 3.564460 |
| #3 | .0555556 | -.000958 | .3366373 | .0057285 | .001947  | 46.76617 | 3.548297 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0055908 | .0079457 | 12.86214 | .1039848 | .0632396 | .1083683 | 119.3189 |
| Stddev | .0000913 | .0001517 | .03555   | .0002506 | .0011243 | .0007311 | .4099    |
| %RSD   | 1.633991 | 1.909715 | .2764284 | .2409912 | 1.777829 | .6746934 | .3435357 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0054906 | .0080978 | 12.89853 | .1041584 | .0643254 | .1077579 | 119.6920 |
| #2 | .0056694 | .0079448 | 12.86040 | .1036975 | .0633128 | .1091786 | 118.8801 |
| #3 | .0056125 | .0077944 | 12.82748 | .1040985 | .0620804 | .1081683 | 119.3845 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.858327 | 7.621984 | .0997507 | -.003102 | .3516182 | .1691664 | 1.065474 |
| Stddev | .004491  | .070622  | .0003829 | .000444  | .0698256 | .0012754 | .002122  |
| %RSD   | .0654860 | .9265536 | .3838599 | 14.32640 | 19.85836 | .7539367 | .1991227 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.863415 | 7.662072 | .1000327 | -.002595 | .2742784 | .1705096 | 1.066229 |
| #2 | 6.854911 | 7.540440 | .0999046 | -.003284 | .3705514 | .1690179 | 1.063078 |
| #3 | 6.856657 | 7.663439 | .0993148 | -.003426 | .4100246 | .1679718 | 1.067115 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.973033 | 2.655911 | -.006208 | .0008154 | .6639313 | 6.159825 | .0070830 |
| Stddev | .035486  | .010136  | .000444  | .0001971 | .0035257 | .031932  | .0032242 |
| %RSD   | 1.193594 | .3816351 | 7.144653 | 24.17363 | .5310262 | .5183976 | 45.52043 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.003622 | 2.660363 | -.006040 | .0006656 | .6655970 | 6.146275 | .0108044 |
| #2 | 2.981349 | 2.663059 | -.006711 | .0010387 | .6598814 | 6.196298 | .0053184 |
| #3 | 2.934127 | 2.644311 | -.005873 | .0007420 | .6663155 | 6.136902 | .0051262 |

Sample Name: I2116-04      Acquired: 3/11/2017 18:40:48      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WK6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .6140163 | .0258622 | .0590829 |
| Stddev | .0002578 | .0002383 | .0001171 |
| %RSD   | .0419779 | .9214624 | .1982411 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .6137315 | .0260239 | .0591505 |
| #2 | .6140836 | .0259743 | .0591506 |
| #3 | .6142337 | .0255886 | .0589477 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 789.6675 | 1233.830 | 39341.97 | 8538.646 | 1978.774 |
| Stddev    | 6.6819   | 7.110    | 107.37   | 18.317   | 17.005   |
| %RSD      | .8461722 | .5762848 | .2729029 | .2145181 | .8593751 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 784.6587 | 1226.089 | 39234.42 | 8529.597 | 1960.491 |
| #2 | 797.2544 | 1235.328 | 39449.15 | 8526.614 | 1981.715 |
| #3 | 787.0893 | 1240.071 | 39342.36 | 8559.726 | 1994.118 |

Sample Name: I2118-05      Acquired: 3/11/2017 18:44:51      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WP7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0731930 | .0033994 | 14.65837 | .0051360 | .0066242 | 65.85603 | 9.043418 |
| Stddev | .0099337 | .0026443 | .14783   | .0010944 | .0034542 | .24874   | .023464  |
| %RSD   | 13.57188 | 77.78812 | 1.008481 | 21.30765 | 52.14568 | .3777032 | .2594632 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0692795 | .0012836 | 14.78604 | .0063661 | .0045751 | 66.13694 | 9.016846 |
| #2 | .0658121 | .0063638 | 14.49641 | .0042706 | .0106123 | 65.66374 | 9.061289 |
| #3 | .0844873 | .0025508 | 14.69265 | .0047711 | .0046852 | 65.76741 | 9.052120 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0071449 | .0548361 | 149.2810 | .1145965 | .1694061 | .4142756 | 153.4647 |
| Stddev | .0000789 | .0005054 | .5106    | .0004210 | .0027834 | .0008337 | .6471    |
| %RSD   | 1.104894 | .9217159 | .3420680 | .3674144 | 1.643044 | .2012466 | .4216777 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0071752 | .0552414 | 149.8623 | .1141250 | .1723929 | .4142225 | 154.2119 |
| #2 | .0072043 | .0542698 | 148.9047 | .1149350 | .1668848 | .4151347 | 153.0872 |
| #3 | .0070553 | .0549972 | 149.0760 | .1147294 | .1689406 | .4134698 | 153.0950 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 12.19733 | 69.23846 | .1892757 | -.001501 | .5989001 | .2313647 | 3.788888 |
| Stddev | .04243   | .23240   | .0017973 | .000063  | .0366177 | .0044185 | .011460  |
| %RSD   | .3478730 | .3356454 | .9495615 | 4.179523 | 6.114162 | 1.909736 | .3024614 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 12.24520 | 69.47386 | .1910291 | -.001530 | .5643279 | .2354535 | 3.776259 |
| #2 | 12.16434 | 69.00919 | .1874375 | -.001543 | .6372677 | .2266776 | 3.798625 |
| #3 | 12.18246 | 69.23233 | .1893605 | -.001429 | .5951046 | .2319632 | 3.791778 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.966638 | 3.894875 | -.000888 | .0007190 | 5.223831 | 3.804019 | .0099185 |
| Stddev | .024656  | .033555  | .000669  | .0004360 | .056655  | .021791  | .0024587 |
| %RSD   | .4964375 | .8615198 | 75.34389 | 60.64370 | 1.084557 | .5728445 | 24.78891 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.993054 | 3.905479 | -.000294 | .0012200 | 5.258521 | 3.818163 | .0126056 |
| #2 | 4.944234 | 3.857299 | -.001614 | .0004252 | 5.158452 | 3.814969 | .0093688 |
| #3 | 4.962625 | 3.921847 | -.000757 | .0005119 | 5.254520 | 3.778924 | .0077812 |

Sample Name: I2118-05      Acquired: 3/11/2017 18:44:51      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WP7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .6001712 | .0396154 | .1428490 |
| Stddev | .0056995 | .0003639 | .0008904 |
| %RSD   | .9496462 | .9186531 | .6233168 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .6066219 | .0397839 | .1438537 |
| #2 | .5958165 | .0391978 | .1421575 |
| #3 | .5980751 | .0398647 | .1425358 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 762.5505 | 1197.640 | 38292.58 | 8579.428 | 1819.670 |
| Stddev    | 3.2545   | 10.724   | 53.04    | 27.993   | 16.667   |
| %RSD      | .4267971 | .8954296 | .1385075 | .3262758 | .9159518 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 766.1140 | 1188.263 | 38277.34 | 8547.121 | 1804.792 |
| #2 | 761.8022 | 1209.333 | 38351.57 | 8594.681 | 1837.682 |
| #3 | 759.7352 | 1195.326 | 38248.83 | 8596.481 | 1816.536 |

Sample Name: I2118-06      Acquired: 3/11/2017 18:49:01      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WP8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0902900 | -.001690 | 19.94131 | .0078988 | .0048932 | 84.12307 | 12.93334 |
| Stddev | .0078398 | .005998  | .38785   | .0087011 | .0019438 | 1.12688  | .17562   |
| %RSD   | 8.682931 | 354.9830 | 1.944958 | 110.1568 | 39.72416 | 1.339559 | 1.357918 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0956122 | -.008077 | 20.33659 | .0134954 | .0037642 | 85.42375 | 13.10220 |
| #2 | .0939707 | -.000814 | 19.56134 | -.002126 | .0071377 | 83.44076 | 12.75166 |
| #3 | .0812871 | .003822  | 19.92602 | .012327  | .0037778 | 83.50469 | 12.94617 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0088029 | .0676005 | 232.5314 | .1085296 | .2309722 | .5062035 | 193.6132 |
| Stddev | .0001006 | .0014174 | 3.5570   | .0018450 | .0041420 | .0078564 | 2.6871   |
| %RSD   | 1.143293 | 2.096721 | 1.529702 | 1.699982 | 1.793298 | 1.552031 | 1.387848 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0089144 | .0689729 | 236.6281 | .1076256 | .2350654 | .5151638 | 196.7159 |
| #2 | .0087186 | .0661420 | 230.2281 | .1073110 | .2267831 | .5004952 | 192.0400 |
| #3 | .0087758 | .0676865 | 230.7379 | .1106523 | .2310681 | .5029516 | 192.0837 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 17.99505 | 109.1007 | .2376090 | -.001956 | .7257193 | .2653293 | 4.869270 |
| Stddev | .27880   | 1.7527   | .0042911 | .000263  | .0432079 | .0015059 | .096837  |
| %RSD   | 1.549324 | 1.606458 | 1.805930 | 13.44943 | 5.953809 | .5675564 | 1.988737 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 18.31429 | 111.1244 | .2425022 | -.002175 | .7318917 | .2669492 | 4.792208 |
| #2 | 17.79946 | 108.1086 | .2344873 | -.001664 | .7655090 | .2639719 | 4.837632 |
| #3 | 17.87140 | 108.0692 | .2358376 | -.002029 | .6797570 | .2650669 | 4.977968 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.071009 | 4.994629 | -.011086 | .0008404 | 6.836822 | 2.729359 | .0140448 |
| Stddev | .152173  | .092881  | .001552  | .0002886 | .131968  | .036154  | .0027917 |
| %RSD   | 2.152076 | 1.859612 | 14.00008 | 34.33800 | 1.930260 | 1.324641 | 19.87715 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.246721 | 5.089049 | -.009403 | .0011630 | 6.978268 | 2.769569 | .0139995 |
| #2 | 6.984002 | 4.903369 | -.012460 | .0006069 | 6.717003 | 2.699534 | .0168589 |
| #3 | 6.982304 | 4.991470 | -.011394 | .0007512 | 6.815194 | 2.718973 | .0112760 |

Sample Name: I2118-06      Acquired: 3/11/2017 18:49:01      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MG9WP8      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5923417 | .0527319 | .1949443 |
| Stddev | .0070763 | .0008044 | .0029404 |
| %RSD   | 1.194633 | 1.525478 | 1.508302 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .6004854 | .0536094 | .1983392 |
| #2 | .5876922 | .0520293 | .1932044 |
| #3 | .5888474 | .0525571 | .1932894 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 772.6311 | 1209.109 | 39145.65 | 8704.145 | 1762.796 |
| Stddev    | 14.6872  | 15.949   | 460.30   | 131.134  | 29.118   |
| %RSD      | 1.900937 | 1.319051 | 1.175854 | 1.506572 | 1.651786 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 786.0828 | 1193.075 | 39567.13 | 8552.758 | 1734.020 |
| #2 | 774.8497 | 1224.971 | 39215.34 | 8777.078 | 1792.244 |
| #3 | 756.9608 | 1209.281 | 38654.49 | 8782.599 | 1762.123 |

Sample Name: I2118-07      Acquired: 3/11/2017 18:53:11      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WP9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0238150 | -.001012 | 1.241498 | .0046512 | .0002326 | 10.82658 | .8225619 |
| Stddev | .0047171 | .001865  | .001513  | .0036385 | .0005533 | .00947   | .0012081 |
| %RSD   | 19.80709 | 184.2404 | .1218822 | 78.22580 | 237.8775 | .0874804 | .1468724 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0271561 | .000155  | 1.240886 | .0087442 | .0005849 | 10.81656 | .8229465 |
| #2 | .0184191 | -.003163 | 1.243221 | .0034258 | -.000405 | 10.83538 | .8212083 |
| #3 | .0258699 | -.000029 | 1.240387 | .0017837 | .000518  | 10.82780 | .8235309 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0016745 | .0051880 | 12.65637 | .0905772 | .0260524 | .0385694 | 52.05498 |
| Stddev | .0000601 | .0000288 | .03336   | .0003676 | .0005326 | .0020425 | .04359   |
| %RSD   | 3.589399 | .5559674 | .2635496 | .4058026 | 2.044221 | 5.295570 | .0837317 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0016343 | .0051746 | 12.64671 | .0902658 | .0265382 | .0403300 | 52.01983 |
| #2 | .0016457 | .0052211 | 12.62891 | .0904831 | .0254830 | .0363301 | 52.10375 |
| #3 | .0017436 | .0051683 | 12.69349 | .0909827 | .0261359 | .0390481 | 52.04136 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.438359 | 6.516440 | .0305618 | -.001070 | .1084544 | .0978466 | .6582241 |
| Stddev | .004130  | .041714  | .0004326 | .000230  | .0860656 | .0009232 | .0051349 |
| %RSD   | .2871497 | .6401341 | 1.415364 | 21.49114 | 79.35643 | .9434765 | .7801138 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.433672 | 6.561905 | .0307990 | -.001046 | .1003232 | .0967882 | .6632486 |
| #2 | 1.441465 | 6.479933 | .0300625 | -.000853 | .0267431 | .0982657 | .6529855 |
| #3 | 1.439941 | 6.507483 | .0308239 | -.001311 | .1982971 | .0984858 | .6584382 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.617018 | .7207188 | -.005391 | .0000721 | .1845054 | 3.674448 | .0038840 |
| Stddev | .036693  | .0038310 | .000998  | .0010122 | .0031224 | .002328  | .0012700 |
| %RSD   | 5.946816 | .5315486 | 18.51647 | 1403.379 | 1.692303 | .0633476 | 32.69924 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.603935 | .7196175 | -.006049 | -.000663 | .1821818 | 3.673405 | .0026701 |
| #2 | -.658459 | .7249798 | -.004243 | -.000347 | .1880547 | 3.672823 | .0037782 |
| #3 | -.588659 | .7175592 | -.005882 | .001226  | .1832798 | 3.677114 | .0052036 |

Sample Name: I2118-07      Acquired: 3/11/2017 18:53:11      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WP9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .4271507 | .0036050 | .0164487 |
| Stddev | .0027599 | .0002087 | .0000243 |
| %RSD   | .6461121 | 5.789304 | .1477881 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .4279131 | .0037456 | .0164262 |
| #2 | .4240898 | .0033652 | .0164455 |
| #3 | .4294492 | .0037043 | .0164745 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 748.6456 | 1159.295 | 37020.75 | 7938.715 | 2033.708 |
| Stddev    | 5.3598   | 1.801    | 155.95   | 15.767   | 2.796    |
| %RSD      | .7159289 | .1553930 | .4212559 | .1986046 | .1374802 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 743.4542 | 1158.077 | 36856.58 | 7925.704 | 2035.754 |
| #2 | 754.1592 | 1158.443 | 37166.92 | 7934.192 | 2030.522 |
| #3 | 748.3233 | 1161.364 | 37038.75 | 7956.249 | 2034.848 |

Sample Name: I2118-08      Acquired: 3/11/2017 18:57:17      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WQ0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0248795 | .0021176 | 1.093583 | -.000693 | -.000397 | 10.41513 | .5253399 |
| Stddev | .0086102 | .0012432 | .001486  | .000880  | .001089  | .12569   | .0069767 |
| %RSD   | 34.60752 | 58.70651 | .1359028 | 126.9909 | 274.7087 | 1.206758 | 1.328027 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0151719 | .0010626 | 1.094147 | -.000482 | -.000108 | 10.27463 | .5173069 |
| #2 | .0315927 | .0018020 | 1.091898 | -.001660 | -.001601 | 10.51685 | .5298820 |
| #3 | .0278740 | .0034881 | 1.094706 | .000062  | .000519  | 10.45392 | .5288309 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0015955 | .0050602 | 11.26766 | .0881003 | .0235845 | .0357333 | 52.14279 |
| Stddev | .0000810 | .0001752 | .08868   | .0004928 | .0000546 | .0002814 | .63531   |
| %RSD   | 5.074261 | 3.462348 | .7870463 | .5593444 | .2314571 | .7873920 | 1.218401 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0016006 | .0048871 | 11.17996 | .0880681 | .0235593 | .0356374 | 51.50451 |
| #2 | .0015121 | .0050561 | 11.35729 | .0876244 | .0236472 | .0355123 | 52.77508 |
| #3 | .0016738 | .0052375 | 11.26572 | .0886084 | .0235472 | .0360500 | 52.14877 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.251317 | 5.932752 | .0298729 | -.000965 | .1885632 | .0956507 | .6545645 |
| Stddev | .009820  | .061951  | .0004710 | .000237  | .0727723 | .0021450 | .0059355 |
| %RSD   | .7847724 | 1.044214 | 1.576634 | 24.54879 | 38.59305 | 2.242568 | .9067887 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.242038 | 5.861228 | .0298577 | -.000826 | .1725580 | .0958855 | .6525439 |
| #2 | 1.261600 | 5.969530 | .0303513 | -.001239 | .2680058 | .0933979 | .6499031 |
| #3 | 1.250312 | 5.967499 | .0294097 | -.000830 | .1251257 | .0976687 | .6612465 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.693119 | .7672493 | -.005023 | .0004957 | .1225478 | 3.619998 | .0059837 |
| Stddev | .050842  | .0069505 | .000958  | .0003275 | .0052583 | .037227  | .0027986 |
| %RSD   | 7.335188 | .9058939 | 19.07412 | 66.06641 | 4.290798 | 1.028364 | 46.76986 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.746013 | .7694181 | -.004540 | .0002730 | .1227186 | 3.599522 | .0087939 |
| #2 | -.688730 | .7594731 | -.006127 | .0008718 | .1172061 | 3.662968 | .0031968 |
| #3 | -.644615 | .7728568 | -.004403 | .0003424 | .1277185 | 3.597504 | .0059605 |

Sample Name: I2118-08      Acquired: 3/11/2017 18:57:17      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WQ0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .4321158 | .0033987 | .0134890 |
| Stddev | .0057608 | .0004012 | .0002802 |
| %RSD   | 1.333174 | 11.80584 | 2.076936 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .4254849 | .0037126 | .0131981 |
| #2 | .4349724 | .0035368 | .0137570 |
| #3 | .4358900 | .0029466 | .0135119 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 740.7771 | 1161.374 | 36602.57 | 8002.638 | 2031.561 |
| Stddev    | 11.1168  | 2.519    | 217.01   | 73.854   | 3.113    |
| %RSD      | 1.500688 | .2169402 | .5928931 | .9228731 | .1532455 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 743.4282 | 1162.964 | 36592.81 | 8057.445 | 2030.780 |
| #2 | 750.3287 | 1162.690 | 36824.30 | 7918.652 | 2034.990 |
| #3 | 728.5745 | 1158.469 | 36390.60 | 8031.817 | 2028.912 |

Sample Name: I2118-09      Acquired: 3/11/2017 19:01:24      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WQ1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0308180 | -.001838 | 3.441127 | .0034951 | .0014769 | 23.55425 | 6.831822 |
| Stddev | .0049011 | .001980  | .023799  | .0014877 | .0023219 | .03974   | .006899  |
| %RSD   | 15.90334 | 107.7222 | .6916046 | 42.56480 | 157.2202 | .1687279 | .1009827 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0360210 | -.000360 | 3.413782 | .0045984 | -.000453 | 23.52784 | 6.835927 |
| #2 | .0301447 | -.001066 | 3.452431 | .0018032 | .000830  | 23.59996 | 6.835683 |
| #3 | .0262884 | -.004087 | 3.457167 | .0040838 | .004054  | 23.53495 | 6.823857 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0027576 | .0100892 | 56.13752 | .0849126 | .0474970 | .0990154 | 69.74996 |
| Stddev | .0001804 | .0002440 | .13553   | .0014717 | .0002693 | .0018953 | .10563   |
| %RSD   | 6.541258 | 2.418218 | .2414184 | 1.733186 | .5669747 | 1.914166 | .1514340 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0029015 | .0098186 | 56.00122 | .0836540 | .0472198 | .0983345 | 69.81887 |
| #2 | .0028159 | .0101566 | 56.13909 | .0865308 | .0477577 | .1011571 | 69.80266 |
| #3 | .0025552 | .0102924 | 56.27226 | .0845531 | .0475133 | .0975546 | 69.62836 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.673178 | 28.94096 | .0588030 | -.001133 | .2434013 | .1095291 | 1.088775 |
| Stddev | .004061  | .04164   | .0012735 | .000073  | .0420206 | .0035536 | .011496  |
| %RSD   | .1105566 | .1438672 | 2.165649 | 6.487515 | 17.26393 | 3.244414 | 1.055878 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.672677 | 28.98762 | .0575950 | -.001055 | .2218586 | .1061561 | 1.080072 |
| #2 | 3.669391 | 28.90758 | .0586809 | -.001201 | .2165208 | .1091919 | 1.101807 |
| #3 | 3.677466 | 28.92769 | .0601331 | -.001142 | .2918246 | .1132393 | 1.084447 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7246014 | 1.130503 | -.003362 | .0005715 | 1.575571 | 6.391589 | .0070177 |
| Stddev | .0313858 | .008487  | .001861  | .0007431 | .017656  | .013482  | .0026635 |
| %RSD   | 4.331456 | .7507567 | 55.35556 | 130.0215 | 1.120587 | .2109381 | 37.95381 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .7287107 | 1.125003 | -.001219 | .0006929 | 1.555897 | 6.396105 | .0064410 |
| #2 | .7537302 | 1.140278 | -.004292 | .0012465 | 1.590036 | 6.402233 | .0099222 |
| #3 | .6913634 | 1.126227 | -.004576 | -.000225 | 1.580780 | 6.376428 | .0046898 |

Sample Name: I2118-09      Acquired: 3/11/2017 19:01:24      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MG9WQ1      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5189625 | .0122256 | .0853099 |
| Stddev | .0021946 | .0001910 | .0000701 |
| %RSD   | .4228729 | 1.562328 | .0821343 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .5214830 | .0121777 | .0852368 |
| #2 | .5179281 | .0120631 | .0853765 |
| #3 | .5174762 | .0124359 | .0853165 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 739.9264 | 1157.246 | 37046.44 | 8113.298 | 1962.829 |
| Stddev    | 8.6373   | 1.841    | 357.41   | 16.682   | 4.811    |
| %RSD      | 1.167322 | .1590514 | .9647581 | .2056154 | .2450990 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 744.0123 | 1156.810 | 37265.74 | 8099.875 | 1967.888 |
| #2 | 730.0042 | 1155.662 | 36634.02 | 8108.045 | 1958.312 |
| #3 | 745.7626 | 1159.265 | 37239.56 | 8131.975 | 1962.287 |

Sample Name: I2119-01      Acquired: 3/11/2017 19:05:35      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WR3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0803689 | .0041278 | 15.54417 | .0046192 | .0039530 | 67.90965 | 10.72603 |
| Stddev | .0024481 | .0064818 | .05978   | .0098147 | .0005928 | .08814   | .11433   |
| %RSD   | 3.046044 | 157.0292 | .3845829 | 212.4778 | 14.99585 | .1297971 | 1.065893 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0820501 | .0116064 | 15.50653 | .0146838 | .0034394 | 67.94661 | 10.70205 |
| #2 | .0775603 | .0001320 | 15.51288 | -.004925 | .0046017 | 67.80904 | 10.85044 |
| #3 | .0814964 | .0006449 | 15.61310 | .004099  | .0038181 | 67.97330 | 10.62559 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0073748 | .0638258 | 221.6758 | .1087011 | .1827111 | .4230747 | 160.6779 |
| Stddev | .0001250 | .0002075 | .3349    | .0009844 | .0011321 | .0010081 | .3069    |
| %RSD   | 1.695125 | .3251707 | .1510971 | .9055999 | .6196185 | .2382721 | .1909960 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0073962 | .0637372 | 221.9494 | .1077051 | .1818883 | .4242339 | 161.0288 |
| #2 | .0072405 | .0636772 | 221.3023 | .1096734 | .1822429 | .4224031 | 160.4598 |
| #3 | .0074878 | .0640629 | 221.7757 | .1087247 | .1840022 | .4225872 | 160.5450 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 13.54174 | 110.2393 | .2016954 | -.002304 | .6097051 | .2204724 | 4.306914 |
| Stddev | .02043   | .3085    | .0011015 | .000266  | .0559600 | .0044094 | .015614  |
| %RSD   | .1508433 | .2798909 | .5461013 | 11.56097 | 9.178201 | 1.999992 | .3625422 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 13.55557 | 110.4049 | .2009828 | -.002225 | .5450882 | .2244897 | 4.319214 |
| #2 | 13.51828 | 109.8834 | .2011395 | -.002600 | .6421048 | .2211727 | 4.312180 |
| #3 | 13.55138 | 110.4298 | .2029641 | -.002085 | .6419223 | .2157547 | 4.289347 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.168613 | 3.542321 | -.001918 | .0003044 | 5.077042 | 2.880896 | .0102346 |
| Stddev | .040390  | .015111  | .002018  | .0004193 | .017404  | .007864  | .0044679 |
| %RSD   | .7814535 | .4265812 | 105.2185 | 137.7519 | .3427932 | .2729690 | 43.65503 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.198327 | 3.533348 | .000041  | -.000025 | 5.067159 | 2.880804 | .0057695 |
| #2 | 5.184887 | 3.533847 | -.003991 | .000162  | 5.066831 | 2.873078 | .0102290 |
| #3 | 5.122624 | 3.559767 | -.001804 | .000776  | 5.097138 | 2.888805 | .0147054 |

Sample Name: I2119-01      Acquired: 3/11/2017 19:05:35      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WR3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .6074409 | .0422883 | .1696888 |
| Stddev | .0007608 | .0003373 | .0001669 |
| %RSD   | .1252520 | .7976969 | .0983324 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .6065624 | .0424090 | .1694965 |
| #2 | .6078809 | .0419072 | .1697954 |
| #3 | .6078794 | .0425487 | .1697744 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 765.8293 | 1189.096 | 38806.25 | 8611.168 | 1790.463 |
| Stddev    | 2.1366   | 2.577    | 44.01    | 2.498    | 3.511    |
| %RSD      | .2789891 | .2166882 | .1133975 | .0290093 | .1960994 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 763.8332 | 1191.718 | 38762.86 | 8613.881 | 1792.629 |
| #2 | 765.5717 | 1189.004 | 38805.03 | 8608.963 | 1792.348 |
| #3 | 768.0830 | 1186.567 | 38850.84 | 8610.662 | 1786.412 |

Sample Name: I2119-02      Acquired: 3/11/2017 19:09:44      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WR4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0868677 | .0006493 | 19.34631 | .0071128 | .0052743 | 82.42431 | 13.20362 |
| Stddev | .0056147 | .0068706 | .08914   | .0021201 | .0006780 | .38365   | .12613   |
| %RSD   | 6.463559 | 1058.097 | .4607489 | 29.80658 | 12.85574 | .4654562 | .9552361 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0809740 | -.000620 | 19.39823 | .0046663 | .0047725 | 82.78091 | 13.32533 |
| #2 | .0921542 | -.005498 | 19.24338 | .0084105 | .0060456 | 82.47364 | 13.21202 |
| #3 | .0874748 | .008066  | 19.39731 | .0082617 | .0050046 | 82.01838 | 13.07350 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0084938 | .0744933 | 210.5839 | .1137262 | .2162738 | .4899801 | 181.0152 |
| Stddev | .0001045 | .0006157 | .5754    | .0006745 | .0006873 | .0050939 | .2524    |
| %RSD   | 1.230432 | .8265639 | .2732322 | .5930636 | .3177690 | 1.039619 | .1394348 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0086105 | .0749712 | 210.9412 | .1142936 | .2166871 | .4952852 | 181.2704 |
| #2 | .0084088 | .0737984 | 209.9202 | .1129805 | .2154804 | .4895276 | 181.0097 |
| #3 | .0084621 | .0747102 | 210.8904 | .1139045 | .2166538 | .4851275 | 180.7657 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 15.67665 | 102.4851 | .2400001 | -.002216 | .6938010 | .2464222 | 4.943933 |
| Stddev | .04106   | .1998    | .0014569 | .000519  | .0463578 | .0025464 | .020178  |
| %RSD   | .2619403 | .1949261 | .6070594 | 23.40071 | 6.681707 | 1.033363 | .4081321 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 15.71649 | 102.6738 | .2390214 | -.002761 | .7187395 | .2470207 | 4.964259 |
| #2 | 15.63446 | 102.2759 | .2393044 | -.002160 | .6403123 | .2486161 | 4.943634 |
| #3 | 15.67898 | 102.5057 | .2416745 | -.001728 | .7223512 | .2436299 | 4.923906 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.030580 | 4.010561 | -.006928 | .0004465 | 6.325688 | 2.845560 | .0174449 |
| Stddev | .043370  | .024646  | .000605  | .0007939 | .047030  | .016414  | .0034202 |
| %RSD   | .6168796 | .6145389 | 8.735759 | 177.7959 | .7434744 | .5768323 | 19.60604 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.077307 | 4.019528 | -.006262 | .0010190 | 6.369271 | 2.843616 | .0206246 |
| #2 | 6.991615 | 3.982686 | -.007443 | -.000460 | 6.275840 | 2.862860 | .0178836 |
| #3 | 7.022818 | 4.029468 | -.007080 | .000780  | 6.331953 | 2.830204 | .0138264 |

Sample Name: I2119-02      Acquired: 3/11/2017 19:09:44      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MG9WR4      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .6138249 | .0548146 | .1850024 |
| Stddev | .0040127 | .0006553 | .0006369 |
| %RSD   | .6537293 | 1.195551 | .3442552 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .6161126 | .0555550 | .1855555 |
| #2 | .6161707 | .0543091 | .1851455 |
| #3 | .6091915 | .0545798 | .1843061 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 770.0196 | 1203.529 | 39190.64 | 8755.696 | 1776.036 |
| Stddev    | 3.1348   | 2.698    | 49.12    | 21.987   | 5.669    |
| %RSD      | .4071079 | .2241917 | .1253285 | .2511214 | .3192129 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 766.6001 | 1200.955 | 39194.50 | 8734.331 | 1770.086 |
| #2 | 772.7576 | 1203.295 | 39237.71 | 8754.498 | 1781.375 |
| #3 | 770.7012 | 1206.336 | 39139.71 | 8778.257 | 1776.647 |

Sample Name: I2119-03      Acquired: 3/11/2017 19:13:54      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WR5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0910567 | .0024797 | 18.14400 | .0063690 | .0043314 | 64.25234 | 10.31970 |
| Stddev | .0069053 | .0057215 | .11587   | .0068988 | .0024338 | .10409   | .03024   |
| %RSD   | 7.583530 | 230.7361 | .6386407 | 108.3177 | 56.18904 | .1619986 | .2929841 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0909404 | -.000675 | 18.13966 | .0100730 | .0062433 | 64.29492 | 10.34648 |
| #2 | .0842103 | -.000970 | 18.03036 | .0106246 | .0051591 | 64.13371 | 10.28691 |
| #3 | .0980194 | .009084  | 18.26199 | -.001591 | .0015917 | 64.32838 | 10.32571 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0077441 | .0676803 | 210.8247 | .1107199 | .2056294 | .4370437 | 170.9938 |
| Stddev | .0001712 | .0006886 | .3511    | .0010181 | .0007998 | .0020517 | .4466    |
| %RSD   | 2.210536 | 1.017489 | .1665258 | .9194872 | .3889442 | .4694556 | .2611741 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0076033 | .0676219 | 210.4397 | .1095545 | .2056157 | .4380799 | 170.5600 |
| #2 | .0076943 | .0670227 | 210.9075 | .1114358 | .2048366 | .4383707 | 170.9692 |
| #3 | .0079346 | .0683963 | 211.1270 | .1111694 | .2064360 | .4346806 | 171.4521 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 13.54946 | 104.9656 | .2089819 | -.002723 | .7426213 | .2331060 | 4.478002 |
| Stddev | .02161   | .1251    | .0009237 | .000498  | .1479033 | .0050863 | .023816  |
| %RSD   | .1594984 | .1192022 | .4419923 | 18.27475 | 19.91638 | 2.181964 | .5318457 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 13.52755 | 104.9878 | .2084529 | -.003296 | .8697734 | .2272462 | 4.489514 |
| #2 | 13.55006 | 105.0782 | .2084443 | -.002465 | .7777854 | .2363783 | 4.450617 |
| #3 | 13.57076 | 104.8309 | .2100484 | -.002407 | .5803050 | .2356935 | 4.493875 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.591462 | 3.280220 | -.012184 | .0006027 | 4.666405 | 4.005602 | .0100773 |
| Stddev | .027844  | .021889  | .000496  | .0005970 | .053552  | .019221  | .0012230 |
| %RSD   | .6064401 | .6673169 | 4.068996 | 99.05568 | 1.147600 | .4798448 | 12.13618 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.588708 | 3.292156 | -.011668 | -.000087 | 4.690045 | 3.987414 | .0088011 |
| #2 | 4.565097 | 3.254957 | -.012657 | .000956  | 4.605101 | 4.003680 | .0101918 |
| #3 | 4.620581 | 3.293548 | -.012227 | .000938  | 4.704069 | 4.025711 | .0112391 |

Sample Name: I2119-03      Acquired: 3/11/2017 19:13:54      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MG9WR5      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5917613 | .0401270 | .1543637 |
| Stddev | .0010726 | .0000973 | .0004139 |
| %RSD   | .1812533 | .2425511 | .2681323 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .5916723 | .0400890 | .1544038 |
| #2 | .5907361 | .0402377 | .1539313 |
| #3 | .5928757 | .0400545 | .1547562 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 765.1958 | 1199.610 | 38928.32 | 8691.241 | 1797.333 |
| Stddev    | 2.8629   | 10.137   | 120.33   | 24.734   | 12.024   |
| %RSD      | .3741440 | .8450628 | .3090977 | .2845842 | .6689805 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 764.2306 | 1193.857 | 39064.10 | 8717.802 | 1795.383 |
| #2 | 768.4166 | 1211.315 | 38834.91 | 8687.051 | 1810.213 |
| #3 | 762.9402 | 1193.658 | 38885.94 | 8668.870 | 1786.403 |

Sample Name: I2119-04      Acquired: 3/11/2017 19:18:04      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WR6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0601860 | .0019253 | 11.72033 | -.000875 | .0043313 | 48.56944 | 8.880760 |
| Stddev | .0052119 | .0110132 | .11860   | .009223  | .0020114 | .12121   | .119800  |
| %RSD   | 8.659740 | 572.0378 | 1.011922 | 1054.174 | 46.43774 | .2495626 | 1.348985 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0638828 | -.009219 | 11.59898 | -.011007 | .0022464 | 48.64765 | 8.929809 |
| #2 | .0624503 | .012802  | 11.83598 | .007032  | .0062600 | 48.63085 | 8.968252 |
| #3 | .0542248 | .002193  | 11.72603 | .001350  | .0044876 | 48.42981 | 8.744219 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0055372 | .0442751 | 172.5369 | .0963613 | .1263304 | .3117711 | 123.5181 |
| Stddev | .0000513 | .0005209 | .3324    | .0004002 | .0010119 | .0019351 | .3703    |
| %RSD   | .9257094 | 1.176568 | .1926783 | .4152766 | .8010020 | .6206812 | .2997577 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0054895 | .0438589 | 172.9038 | .0966672 | .1252746 | .3120677 | 123.8594 |
| #2 | .0055914 | .0448593 | 172.4514 | .0965082 | .1272919 | .3135408 | 123.5704 |
| #3 | .0055307 | .0441070 | 172.2556 | .0959084 | .1264246 | .3097049 | 123.1245 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.931081 | 85.89803 | .1416442 | -.002428 | .5476981 | .1695104 | 3.063518 |
| Stddev | .022701  | .27808   | .0008949 | .000267  | .0570601 | .0038606 | .008037  |
| %RSD   | .2541845 | .3237328 | .6317670 | 10.98384 | 10.41817 | 2.277520 | .2623424 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 8.956127 | 86.16751 | .1406289 | -.002367 | .4837671 | .1676543 | 3.071756 |
| #2 | 8.925256 | 85.91448 | .1419860 | -.002197 | .5658623 | .1739485 | 3.055698 |
| #3 | 8.911859 | 85.61209 | .1423179 | -.002720 | .5934649 | .1669283 | 3.063099 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.319662 | 2.230689 | -.004861 | .0009074 | 3.528066 | 2.430530 | .0095944 |
| Stddev | .024239  | .023464  | .001052  | .0007795 | .034062  | .006356  | .0008542 |
| %RSD   | .7301496 | 1.051882 | 21.64095 | 85.90832 | .9654696 | .2615120 | 8.902621 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.306472 | 2.209550 | -.005980 | .0000148 | 3.492473 | 2.437451 | .0102823 |
| #2 | 3.347635 | 2.255936 | -.004713 | .0014543 | 3.560357 | 2.424954 | .0098625 |
| #3 | 3.304878 | 2.226582 | -.003891 | .0012532 | 3.531369 | 2.429185 | .0086383 |

Sample Name: I2119-04      Acquired: 3/11/2017 19:18:04      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WR6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5446786 | .0307601 | .1351589 |
| Stddev | .0024686 | .0004761 | .0003526 |
| %RSD   | .4532246 | 1.547927 | .2608685 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .5459666 | .0303390 | .1352409 |
| #2 | .5462369 | .0312768 | .1354633 |
| #3 | .5418324 | .0306647 | .1347725 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 738.7590 | 1167.897 | 37560.00 | 8388.333 | 1835.742 |
| Stddev    | 2.9232   | 8.194    | 227.37   | 30.431   | 13.887   |
| %RSD      | .3956846 | .7015699 | .6053440 | .3627719 | .7564990 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 736.1958 | 1174.338 | 37551.64 | 8362.355 | 1848.564 |
| #2 | 738.1387 | 1158.675 | 37336.93 | 8380.830 | 1820.991 |
| #3 | 741.9426 | 1170.679 | 37791.43 | 8421.813 | 1837.669 |

Sample Name: I2119-05      Acquired: 3/11/2017 19:22:15      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WR7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0846059 | -.000406 | 23.02521 | .0013844 | .0047493 | 85.18569 | 15.02286 |
| Stddev | .0072364 | .000301  | .11103   | .0016661 | .0010668 | .18415   | .17332   |
| %RSD   | 8.553068 | 74.13115 | .4822047 | 120.3436 | 22.46267 | .2161786 | 1.153687 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0774931 | -.000578 | 23.09155 | -.000345 | .0035175 | 84.97747 | 14.92238 |
| #2 | .0919599 | -.000058 | 22.89703 | .001519  | .0053505 | 85.25246 | 14.92321 |
| #3 | .0843649 | -.000582 | 23.08705 | .002979  | .0053798 | 85.32716 | 15.22299 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0091410 | .0837913 | 238.2358 | .1226492 | .2510012 | .5559417 | 196.0149 |
| Stddev | .0001489 | .0004143 | .2659    | .0009189 | .0010665 | .0018752 | .5179    |
| %RSD   | 1.628462 | .4944518 | .1116130 | .7491709 | .4248943 | .3372938 | .2642360 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0092527 | .0841129 | 238.0280 | .1217729 | .2512114 | .5538165 | 195.5249 |
| #2 | .0089721 | .0833238 | 238.5354 | .1225695 | .2498453 | .5566448 | 196.5568 |
| #3 | .0091984 | .0839373 | 238.1438 | .1236054 | .2519470 | .5573636 | 195.9630 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 16.39536 | 116.7367 | .2615527 | -.003980 | .7683784 | .2656795 | 5.203861 |
| Stddev | .05014   | .3571    | .0003891 | .000132  | .0758094 | .0027587 | .052569  |
| %RSD   | .3058266 | .3059140 | .1487750 | 3.306329 | 9.866159 | 1.038374 | 1.010199 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 16.35032 | 116.3945 | .2615257 | -.004132 | .8196684 | .2626655 | 5.178131 |
| #2 | 16.44939 | 117.1071 | .2611777 | -.003916 | .6812999 | .2662936 | 5.264339 |
| #3 | 16.38638 | 116.7084 | .2619546 | -.003893 | .8041668 | .2680795 | 5.169113 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.205867 | 4.002424 | -.011643 | .0009977 | 6.852154 | 2.808782 | .0126369 |
| Stddev | .032802  | .019149  | .001230  | .0003769 | .005759  | .003415  | .0005454 |
| %RSD   | .4552174 | .4784250 | 10.56778 | 37.77341 | .0840436 | .1215719 | 4.315604 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.229263 | 4.019349 | -.012060 | .0011973 | 6.858431 | 2.812696 | .0124304 |
| #2 | 7.168372 | 3.981640 | -.010258 | .0012329 | 6.847115 | 2.806416 | .0122250 |
| #3 | 7.219966 | 4.006284 | -.012610 | .0005631 | 6.850915 | 2.807233 | .0132554 |

Sample Name: I2119-05      Acquired: 3/11/2017 19:22:15      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WR7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .6805018 | .0568558 | .2040064 |
| Stddev | .0016583 | .0005421 | .0002807 |
| %RSD   | .2436829 | .9534900 | .1376074 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .6787036 | .0573897 | .2036937 |
| #2 | .6808309 | .0563058 | .2040887 |
| #3 | .6819708 | .0568719 | .2042368 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 759.1590 | 1207.290 | 38527.55 | 8741.939 | 1747.128 |
| Stddev    | 7.6068   | 9.347    | 201.44   | 10.173   | 12.188   |
| %RSD      | 1.002007 | .7741940 | .5228412 | .1163648 | .6975972 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 763.1775 | 1198.718 | 38739.78 | 8737.734 | 1738.757 |
| #2 | 750.3857 | 1217.255 | 38338.99 | 8734.543 | 1761.111 |
| #3 | 763.9138 | 1205.896 | 38503.89 | 8753.540 | 1741.516 |

Sample Name: I2120-01      Acquired: 3/11/2017 19:26:26      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WT3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0634946 | -.000305 | 11.73654 | -.005921 | .0038007 | 45.41575 | 7.654039 |
| Stddev | .0049357 | .005033  | .04580   | .007751  | .0027048 | .12766   | .093107  |
| %RSD   | 7.773484 | 1651.251 | .3902397 | 130.8921 | 71.16550 | .2810968 | 1.216438 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0606310 | .001604  | 11.69851 | -.006874 | .0059070 | 45.27657 | 7.546696 |
| #2 | .0691938 | .003494  | 11.72372 | -.013152 | .0007504 | 45.44328 | 7.702530 |
| #3 | .0606589 | -.006013 | 11.78738 | .002261  | .0047447 | 45.52740 | 7.712892 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0054678 | .0388523 | 141.3918 | .1152351 | .1286488 | .2902621 | 120.9729 |
| Stddev | .0000037 | .0000853 | .3520    | .0009158 | .0008320 | .0030003 | .2126    |
| %RSD   | .0681697 | .2195268 | .2489255 | .7947030 | .6466930 | 1.033638 | .1757347 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0054668 | .0389219 | 140.9856 | .1141848 | .1277787 | .2935430 | 120.7491 |
| #2 | .0054719 | .0387571 | 141.6069 | .1156540 | .1287313 | .2876581 | 120.9976 |
| #3 | .0054647 | .0388778 | 141.5830 | .1158666 | .1294364 | .2895852 | 121.1721 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.817286 | 65.71580 | .1495894 | -.002706 | .4158588 | .1661570 | 2.963787 |
| Stddev | .017938  | .13447   | .0004083 | .000212  | .0643155 | .0016286 | .012822  |
| %RSD   | .2034394 | .2046187 | .2729593 | 7.844842 | 15.46571 | .9801722 | .4326234 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 8.798024 | 65.57326 | .1491502 | -.002951 | .3436892 | .1674948 | 2.951959 |
| #2 | 8.820320 | 65.73376 | .1499574 | -.002600 | .4367731 | .1666327 | 2.977413 |
| #3 | 8.833513 | 65.84038 | .1496605 | -.002568 | .4671140 | .1643435 | 2.961989 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.980161 | 3.213192 | -.005178 | .0013936 | 4.300781 | 2.311575 | .0061605 |
| Stddev | .048824  | .007894  | .003363  | .0007523 | .014214  | .006394  | .0026108 |
| %RSD   | 1.226680 | .2456840 | 64.94679 | 53.98522 | .3304993 | .2766213 | 42.37989 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.949908 | 3.205177 | -.007891 | .0022456 | 4.304454 | 2.317362 | .0082932 |
| #2 | 4.036486 | 3.213440 | -.001416 | .0011142 | 4.285090 | 2.312653 | .0069396 |
| #3 | 3.954088 | 3.220960 | -.006226 | .0008209 | 4.312798 | 2.304710 | .0032489 |

Sample Name: I2120-01      Acquired: 3/11/2017 19:26:26      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WT3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .4806225 | .0290211 | .1254491 |
| Stddev | .0016278 | .0002941 | .0001845 |
| %RSD   | .3386826 | 1.013490 | .1470507 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .4787780 | .0291190 | .1253593 |
| #2 | .4812316 | .0286904 | .1253267 |
| #3 | .4818578 | .0292537 | .1256613 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 734.5843 | 1170.547 | 36794.40 | 8405.813 | 1847.183 |
| Stddev    | 3.2420   | 1.612    | 65.01    | 18.392   | 3.524    |
| %RSD      | .4413383 | .1376986 | .1766752 | .2187975 | .1907640 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 733.9451 | 1171.618 | 36719.89 | 8400.840 | 1849.602 |
| #2 | 731.7096 | 1171.330 | 36823.82 | 8390.419 | 1848.808 |
| #3 | 738.0983 | 1168.694 | 36839.50 | 8426.180 | 1843.140 |

Sample Name: I2120-02      Acquired: 3/11/2017 19:30:38      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WT4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0758449 | .0059205 | 16.97410 | -.002128 | .0037192 | 58.35614 | 7.956772 |
| Stddev | .0095494 | .0026526 | .09042   | .008769  | .0017285 | .10069   | .060969  |
| %RSD   | 12.59076 | 44.80384 | .5326649 | 412.0688 | 46.47436 | .1725404 | .7662571 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0700657 | .0028584 | 16.90571 | -.001583 | .0019996 | 58.46003 | 7.949526 |
| #2 | .0706016 | .0073876 | 16.93998 | -.011156 | .0054564 | 58.25899 | 7.899749 |
| #3 | .0868673 | .0075155 | 17.07661 | .006356  | .0037017 | 58.34940 | 8.021040 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0072219 | .0565725 | 209.8584 | .1379024 | .1829286 | .4112531 | 156.7932 |
| Stddev | .0001484 | .0001555 | 1.1293   | .0014268 | .0001066 | .0031739 | .4997    |
| %RSD   | 2.054903 | .2748935 | .5381080 | 1.034666 | .0582518 | .7717516 | .3187250 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0073647 | .0564442 | 210.3614 | .1381757 | .1828368 | .4091869 | 156.6984 |
| #2 | .0072325 | .0565278 | 210.6487 | .1363587 | .1829036 | .4149075 | 157.3335 |
| #3 | .0070685 | .0567455 | 208.5650 | .1391728 | .1830455 | .4096648 | 156.3476 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 13.70777 | 97.06167 | .2267628 | -.003097 | .6443162 | .1941663 | 4.076613 |
| Stddev | .05310   | .30477   | .0004583 | .000325  | .0240164 | .0028952 | .011298  |
| %RSD   | .3873731 | .3139917 | .2021006 | 10.50756 | 3.727428 | 1.491095 | .2771451 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 13.75892 | 97.02677 | .2268123 | -.002768 | .6207964 | .1923109 | 4.081687 |
| #2 | 13.71148 | 97.38238 | .2262818 | -.003104 | .6688002 | .1926857 | 4.084485 |
| #3 | 13.65291 | 96.77585 | .2271944 | -.003419 | .6433522 | .1975024 | 4.063668 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.855971 | 4.388969 | -.015861 | .0007132 | 5.484944 | 1.832695 | .0048082 |
| Stddev | .086504  | .007595  | .001265  | .0005652 | .042302  | .010105  | .0002962 |
| %RSD   | 1.477188 | .1730399 | 7.976938 | 79.25198 | .7712401 | .5513867 | 6.161255 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.761249 | 4.382963 | -.015635 | .0000614 | 5.437267 | 1.840637 | .0050239 |
| #2 | 5.930784 | 4.386437 | -.017224 | .0010682 | 5.499585 | 1.836127 | .0044704 |
| #3 | 5.875882 | 4.397506 | -.014724 | .0010099 | 5.517981 | 1.821321 | .0049303 |

Sample Name: I2120-02      Acquired: 3/11/2017 19:30:38      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WT4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .4204620 | .0400556 | .1432119 |
| Stddev | .0014538 | .0004650 | .0001028 |
| %RSD   | .3457728 | 1.160959 | .0717542 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .4189675 | .0405372 | .1432404 |
| #2 | .4205472 | .0400206 | .1432974 |
| #3 | .4218714 | .0396091 | .1430979 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 752.2316 | 1189.676 | 37764.88 | 8664.599 | 1799.845 |
| Stddev    | 3.2531   | 2.641    | 86.44    | 35.296   | 6.030    |
| %RSD      | .4324599 | .2219528 | .2288839 | .4073616 | .3350354 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 751.2839 | 1188.614 | 37749.68 | 8641.156 | 1803.319 |
| #2 | 749.5575 | 1192.682 | 37857.91 | 8647.448 | 1803.335 |
| #3 | 755.8533 | 1187.732 | 37687.05 | 8705.193 | 1792.882 |

Sample Name: I2120-03      Acquired: 3/11/2017 19:34:49      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WT5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0666541 | .0034710 | 13.40138 | .0035310 | .0036521 | 43.89647 | 6.356060 |
| Stddev | .0071835 | .0059808 | .06663   | .0052260 | .0016398 | .10146   | .028442  |
| %RSD   | 10.77732 | 172.3082 | .4971793 | 148.0029 | 44.90175 | .2311408 | .4474792 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0748939 | .0053108 | 13.41286 | -.002321 | .0038643 | 43.84905 | 6.369531 |
| #2 | .0633601 | .0083158 | 13.32976 | .005180  | .0019164 | 44.01296 | 6.323385 |
| #3 | .0617083 | -.003214 | 13.46153 | .007733  | .0051754 | 43.82740 | 6.375264 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0055712 | .0539288 | 132.5716 | .0945205 | .1466964 | .3689831 | 120.6938 |
| Stddev | .0001094 | .0005121 | .6867    | .0006216 | .0007948 | .0006288 | .3255    |
| %RSD   | 1.962900 | .9496600 | .5179875 | .6576221 | .5417727 | .1704157 | .2696843 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0056757 | .0538937 | 133.2921 | .0938835 | .1467171 | .3693232 | 121.0647 |
| #2 | .0055804 | .0534351 | 131.9246 | .0945527 | .1458914 | .3682575 | 120.5608 |
| #3 | .0054576 | .0544575 | 132.4982 | .0951254 | .1474806 | .3693687 | 120.4559 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.403422 | 53.52242 | .1704782 | -.002164 | .5358500 | .1751823 | 3.453439 |
| Stddev | .024342  | .14686   | .0014205 | .000228  | .0495231 | .0041157 | .030001  |
| %RSD   | .2588583 | .2743915 | .8332343 | 10.54368 | 9.241971 | 2.349368 | .8687250 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 9.431514 | 53.68778 | .1717395 | -.002323 | .4967701 | .1708745 | 3.483326 |
| #2 | 9.388589 | 53.47229 | .1689394 | -.001902 | .5915439 | .1755984 | 3.423325 |
| #3 | 9.390163 | 53.40719 | .1707556 | -.002266 | .5192360 | .1790742 | 3.453667 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.687654 | 4.345393 | .0021475 | .0014699 | 6.166155 | 2.492794 | .0073217 |
| Stddev | .021444  | .033464  | .0020131 | .0002448 | .042650  | .024943  | .0020864 |
| %RSD   | .4574602 | .7701060 | 93.73870 | 16.65114 | .6916826 | 1.000606 | 28.49555 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.664606 | 4.368832 | .0002507 | .0013505 | 6.187809 | 2.521299 | .0088421 |
| #2 | 4.691340 | 4.307069 | .0042596 | .0013077 | 6.117022 | 2.474972 | .0049431 |
| #3 | 4.707016 | 4.360279 | .0019324 | .0017514 | 6.193634 | 2.482111 | .0081799 |

Sample Name: I2120-03      Acquired: 3/11/2017 19:34:49      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WT5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .4505560 | .0289767 | .1248274 |
| Stddev | .0016838 | .0001867 | .0002255 |
| %RSD   | .3737210 | .6441433 | .1806733 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .4491804 | .0291598 | .1249730 |
| #2 | .4524337 | .0287867 | .1249416 |
| #3 | .4500538 | .0289836 | .1245676 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 754.2977 | 1195.709 | 38219.06 | 8559.459 | 1890.082 |
| Stddev    | 4.2096   | 8.286    | 27.82    | 44.618   | 10.953   |
| %RSD      | .5580790 | .6929625 | .0727789 | .5212769 | .5795174 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 749.6843 | 1187.481 | 38188.42 | 8508.146 | 1881.511 |
| #2 | 757.9303 | 1204.051 | 38242.73 | 8581.118 | 1902.422 |
| #3 | 755.2786 | 1195.594 | 38226.02 | 8589.115 | 1886.312 |

Sample Name: I2120-04      Acquired: 3/11/2017 19:39:00      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WT6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0562725 | -.000480 | 11.11758 | -.001336 | .0018170 | 44.42885 | 7.281710 |
| Stddev | .0062567 | .005498  | .06616   | .005427  | .0023059 | .08091   | .056110  |
| %RSD   | 11.11858 | 1144.291 | .5951152 | 406.3289 | 126.9059 | .1821014 | .7705658 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0631187 | .004390  | 11.06835 | -.007103 | .0001366 | 44.44879 | 7.217037 |
| #2 | .0508509 | -.006442 | 11.09160 | -.000577 | .0044459 | 44.33983 | 7.310661 |
| #3 | .0548481 | .000611  | 11.19279 | .003672  | .0008685 | 44.49791 | 7.317431 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0050915 | .0383168 | 131.4310 | .1124689 | .1180172 | .2814618 | 112.7227 |
| Stddev | .0001936 | .0004376 | .2048    | .0017166 | .0004814 | .0005789 | .1726    |
| %RSD   | 3.803047 | 1.141977 | .1558042 | 1.526283 | .4078711 | .2056735 | .1531584 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0051566 | .0380519 | 131.1976 | .1143959 | .1175414 | .2810605 | 112.5562 |
| #2 | .0048736 | .0380767 | 131.5807 | .1111031 | .1185040 | .2821255 | 112.9009 |
| #3 | .0052441 | .0388218 | 131.5145 | .1119079 | .1180063 | .2811996 | 112.7111 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.828801 | 59.88014 | .1405996 | -.002692 | .4216923 | .1615484 | 2.797123 |
| Stddev | .014303  | .08495   | .0011855 | .000499  | .0748273 | .0046508 | .013923  |
| %RSD   | .1826912 | .1418694 | .8431416 | 18.54191 | 17.74453 | 2.878865 | .4977742 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.825413 | 59.84754 | .1403230 | -.002360 | .5072947 | .1569218 | 2.811202 |
| #2 | 7.844493 | 59.81632 | .1395769 | -.003266 | .3890551 | .1615004 | 2.796806 |
| #3 | 7.816496 | 59.97656 | .1418989 | -.002450 | .3687272 | .1662229 | 2.783360 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.246477 | 3.091142 | .0003581 | .0010183 | 4.109393 | 1.968619 | .0072731 |
| Stddev | .033537  | .024018  | .0020994 | .0004432 | .041109  | .007499  | .0035140 |
| %RSD   | .7897556 | .7769798 | 586.3078 | 43.52918 | 1.000367 | .3809455 | 48.31573 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.209070 | 3.075697 | -.002063 | .0005154 | 4.093565 | 1.977249 | .0068430 |
| #2 | 4.273856 | 3.078916 | .001674  | .0013522 | 4.078551 | 1.964927 | .0039939 |
| #3 | 4.256503 | 3.118813 | .001463  | .0011872 | 4.156064 | 1.963682 | .0109824 |

Sample Name: I2120-04      Acquired: 3/11/2017 19:39:00      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MG9WT6      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5018579 | .0276151 | .1234103 |
| Stddev | .0006646 | .0005646 | .0005188 |
| %RSD   | .1324324 | 2.044587 | .4204248 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .5013875 | .0272439 | .1229242 |
| #2 | .5015679 | .0282649 | .1239566 |
| #3 | .5026182 | .0273366 | .1233500 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 730.1335 | 1165.689 | 36640.50 | 8332.749 | 1855.064 |
| Stddev    | 4.4232   | 5.939    | 100.81   | 24.649   | 8.334    |
| %RSD      | .6058045 | .5095140 | .2751272 | .2958056 | .4492468 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 726.7386 | 1163.152 | 36524.36 | 8304.968 | 1855.989 |
| #2 | 728.5263 | 1172.475 | 36691.79 | 8341.281 | 1862.897 |
| #3 | 735.1356 | 1161.439 | 36705.34 | 8351.999 | 1846.307 |

Sample Name: I2120-05      Acquired: 3/11/2017 19:43:11      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WT7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0758271 | .0011303 | 17.39564 | .0042418 | .0049624 | 65.98181 | 11.15097 |
| Stddev | .0087395 | .0010022 | .03562   | .0013252 | .0026570 | .02246   | .13899   |
| %RSD   | 11.52556 | 88.66865 | .2047372 | 31.24096 | 53.54369 | .0340407 | 1.246454 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0663794 | .0018991 | 17.37499 | .0053281 | .0080083 | 66.00119 | 11.24557 |
| #2 | .0836226 | .0014950 | 17.37517 | .0046319 | .0031209 | 65.98704 | 11.21594 |
| #3 | .0774792 | -.000003 | 17.43677 | .0027653 | .0037580 | 65.95719 | 10.99139 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0073264 | .0621152 | 241.7944 | .1340088 | .1848922 | .4191660 | 161.2872 |
| Stddev | .0001263 | .0002519 | .2555    | .0010876 | .0009556 | .0023905 | .2729    |
| %RSD   | 1.724338 | .4054845 | .1056731 | .8115832 | .5168496 | .5703071 | .1692195 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0074283 | .0623783 | 241.5132 | .1333108 | .1839367 | .4173636 | 160.9724 |
| #2 | .0071851 | .0620912 | 241.8578 | .1352619 | .1858480 | .4218778 | 161.4324 |
| #3 | .0073659 | .0618763 | 242.0123 | .1334537 | .1848918 | .4182565 | 161.4568 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.15846 | 112.7591 | .2211179 | -.003493 | .6527237 | .2074687 | 4.177973 |
| Stddev | .00527   | .0879    | .0001572 | .000392  | .0950724 | .0031572 | .014800  |
| %RSD   | .0372263 | .0779823 | .0710739 | 11.21353 | 14.56549 | 1.521797 | .3542395 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 14.15424 | 112.8303 | .2212683 | -.003043 | .5625989 | .2038994 | 4.170326 |
| #2 | 14.16437 | 112.7862 | .2209548 | -.003758 | .6435007 | .2098960 | 4.168561 |
| #3 | 14.15677 | 112.6608 | .2211307 | -.003678 | .7520715 | .2086109 | 4.195032 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.471673 | 4.570663 | -.007615 | .0001712 | 6.508554 | 2.171745 | .0057916 |
| Stddev | .034951  | .014091  | .001605  | .0004181 | .021800  | .001665  | .0018479 |
| %RSD   | .4677779 | .3082923 | 21.07705 | 244.1871 | .3349369 | .0766445 | 31.90679 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.448614 | 4.585936 | -.005892 | .0003984 | 6.532373 | 2.173653 | .0042909 |
| #2 | 7.511887 | 4.558168 | -.007887 | .0004266 | 6.503695 | 2.170991 | .0052283 |
| #3 | 7.454518 | 4.567886 | -.009067 | -.000311 | 6.489594 | 2.170591 | .0078556 |

Sample Name: I2120-05      Acquired: 3/11/2017 19:43:11      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WT7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5071587 | .0443141 | .1825301 |
| Stddev | .0028357 | .0003360 | .0004205 |
| %RSD   | .5591407 | .7581645 | .2303444 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .5082809 | .0445129 | .1828574 |
| #2 | .5092617 | .0445032 | .1826771 |
| #3 | .5039336 | .0439262 | .1820559 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 741.1887 | 1189.872 | 37253.97 | 8577.491 | 1779.478 |
| Stddev    | 2.4479   | 3.732    | 12.28    | 8.332    | 3.371    |
| %RSD      | .3302656 | .3136457 | .0329594 | .0971432 | .1894502 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 742.7633 | 1186.273 | 37266.07 | 8585.396 | 1775.597 |
| #2 | 742.4342 | 1189.617 | 37241.52 | 8568.789 | 1781.680 |
| #3 | 738.3685 | 1193.724 | 37254.32 | 8578.287 | 1781.156 |

Sample Name: I2120-06      Acquired: 3/11/2017 19:47:20      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WT8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0771702 | -.003026 | 17.06789 | .0045173 | .0048476 | 64.11891 | 9.535739 |
| Stddev | .0084548 | .002012  | .07155   | .0071169 | .0033270 | .07855   | .081267  |
| %RSD   | 10.95603 | 66.50148 | .4192102 | 157.5481 | 68.63294 | .1225078 | .8522351 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0683699 | -.000747 | 17.14462 | .0059034 | .0034832 | 64.05336 | 9.528612 |
| #2 | .0852309 | -.003772 | 17.05608 | .0108392 | .0024196 | 64.09740 | 9.458270 |
| #3 | .0779099 | -.004559 | 17.00299 | -.003191 | .0086399 | 64.20598 | 9.620334 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0072051 | .0652885 | 187.2297 | .1055301 | .1879882 | .4388819 | 154.7348 |
| Stddev | .0001095 | .0004693 | .3383    | .0009178 | .0010865 | .0023609 | .1757    |
| %RSD   | 1.520061 | .7188096 | .1806853 | .8696817 | .5779749 | .5379379 | .1135682 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0072966 | .0658197 | 187.1647 | .1065899 | .1886187 | .4411901 | 154.5403 |
| #2 | .0070838 | .0651157 | 186.9286 | .1050061 | .1886124 | .4389840 | 154.8821 |
| #3 | .0072350 | .0649301 | 187.5957 | .1049945 | .1867336 | .4364716 | 154.7821 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 13.33112 | 83.19254 | .2067656 | -.003166 | .4748434 | .2128275 | 4.342530 |
| Stddev | .01689   | .20457   | .0012052 | .000507  | .0648320 | .0010436 | .037982  |
| %RSD   | .1266595 | .2458948 | .5828561 | 16.01755 | 13.65334 | .4903429 | .8746403 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 13.31410 | 83.24724 | .2078272 | -.003269 | .5085038 | .2131417 | 4.382514 |
| #2 | 13.33139 | 82.96618 | .2070140 | -.003613 | .4001045 | .2116629 | 4.338143 |
| #3 | 13.34787 | 83.36420 | .2054556 | -.002615 | .5159219 | .2136779 | 4.306932 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.547537 | 5.031635 | -.005923 | .0007620 | 5.593559 | 2.325860 | .0085446 |
| Stddev | .032270  | .025121  | .002108  | .0008011 | .041495  | .005389  | .0019406 |
| %RSD   | .4928589 | .4992667 | 35.59686 | 105.1306 | .7418277 | .2316889 | 22.71178 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.572718 | 5.058406 | -.003918 | .0001290 | 5.640958 | 2.322353 | .0107853 |
| #2 | 6.511160 | 5.027924 | -.005729 | .0016626 | 5.575927 | 2.323161 | .0074392 |
| #3 | 6.558732 | 5.008576 | -.008122 | .0004944 | 5.563793 | 2.332064 | .0074092 |

Sample Name: I2120-06      Acquired: 3/11/2017 19:47:20      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MG9WT8      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5205492 | .0414248 | .1582288 |
| Stddev | .0020653 | .0003696 | .0000204 |
| %RSD   | .3967493 | .8921476 | .0129061 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .5222410 | .0417644 | .1582055 |
| #2 | .5182477 | .0414789 | .1582372 |
| #3 | .5211590 | .0410312 | .1582436 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 761.8674 | 1204.278 | 38283.89 | 8677.113 | 1816.567 |
| Stddev    | 7.0855   | 5.332    | 420.33   | 24.847   | 8.325    |
| %RSD      | .9300153 | .4427506 | 1.097936 | .2863498 | .4583015 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 754.1633 | 1199.405 | 37960.40 | 8668.745 | 1808.397 |
| #2 | 763.3343 | 1203.454 | 38132.27 | 8705.063 | 1816.265 |
| #3 | 768.1047 | 1209.973 | 38758.99 | 8657.530 | 1825.040 |

Sample Name: I2120-07      Acquired: 3/11/2017 19:51:31      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WT9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0675673 | .0025519 | 14.51659 | -.000920 | .0026029 | 53.14488 | 7.891674 |
| Stddev | .0058024 | .0067316 | .05612   | .000705  | .0011791 | .06948   | .096595  |
| %RSD   | 8.587590 | 263.7834 | .3865786 | 76.60086 | 45.29856 | .1307412 | 1.224009 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0635788 | .0065693 | 14.46694 | -.000786 | .0012477 | 53.16941 | 8.002473 |
| #2 | .0648993 | -.005220 | 14.50535 | -.000292 | .0033933 | 53.06646 | 7.847376 |
| #3 | .0742238 | .006306  | 14.57748 | -.001682 | .0031677 | 53.19877 | 7.825173 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0063145 | .0546029 | 179.7299 | .1114301 | .1572999 | .3866703 | 138.5088 |
| Stddev | .0002471 | .0002721 | .3816    | .0006952 | .0013196 | .0021266 | .4035    |
| %RSD   | 3.913529 | .4983354 | .2123212 | .6238958 | .8389190 | .5499641 | .2913156 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0064800 | .0546054 | 180.1383 | .1109122 | .1572481 | .3891193 | 138.9564 |
| #2 | .0064329 | .0543295 | 179.6690 | .1111578 | .1560070 | .3856014 | 138.3969 |
| #3 | .0060304 | .0548737 | 179.3824 | .1122202 | .1586447 | .3852903 | 138.1730 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 11.12533 | 81.42556 | .1788499 | -.002619 | .4915938 | .1874529 | 3.791635 |
| Stddev | .02073   | .19305   | .0007014 | .000317  | .0924076 | .0020749 | .009920  |
| %RSD   | .1862989 | .2370912 | .3921975 | 12.11648 | 18.79755 | 1.106896 | .2616342 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 11.14284 | 81.51073 | .1780662 | -.002903 | .5982164 | .1851314 | 3.780387 |
| #2 | 11.13071 | 81.56137 | .1790645 | -.002277 | .4346931 | .1891267 | 3.795385 |
| #3 | 11.10245 | 81.20457 | .1794190 | -.002677 | .4418719 | .1881006 | 3.799134 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.017752 | 4.277385 | -.009347 | .0004032 | 4.618830 | 1.904235 | .0073812 |
| Stddev | .021202  | .018430  | .001374  | .0007823 | .033438  | .008795  | .0018634 |
| %RSD   | .4225474 | .4308787 | 14.70418 | 194.0303 | .7239588 | .4618795 | 25.24489 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.032439 | 4.270595 | -.008221 | .0001555 | 4.594371 | 1.908874 | .0089011 |
| #2 | 5.027372 | 4.263312 | -.010879 | .0012793 | 4.605186 | 1.894091 | .0079403 |
| #3 | 4.993445 | 4.298247 | -.008943 | -.000225 | 4.656933 | 1.909739 | .0053023 |

Sample Name: I2120-07      Acquired: 3/11/2017 19:51:31      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MG9WT9      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .4391135 | .0342208 | .1406662 |
| Stddev | .0009558 | .0002953 | .0002543 |
| %RSD   | .2176629 | .8629435 | .1808207 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .4401731 | .0338952 | .1409468 |
| #2 | .4383163 | .0344713 | .1406011 |
| #3 | .4388512 | .0342960 | .1404508 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 747.1734 | 1186.371 | 37338.96 | 8465.015 | 1817.856 |
| Stddev    | 4.4237   | 8.038    | 47.36    | 44.150   | 9.082    |
| %RSD      | .5920607 | .6775610 | .1268400 | .5215618 | .4996202 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 744.7655 | 1192.434 | 37305.29 | 8416.750 | 1826.218 |
| #2 | 744.4760 | 1189.426 | 37318.46 | 8474.930 | 1819.157 |
| #3 | 752.2788 | 1177.253 | 37393.11 | 8503.364 | 1808.194 |

Sample Name: I2120-08      Acquired: 3/11/2017 19:55:41      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WW0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0888307 | .0061305 | 21.12648 | -.001454 | .0043918 | 76.57778 | 13.03432 |
| Stddev | .0054408 | .0040768 | .05477   | .006935  | .0018085 | .20174   | .11258   |
| %RSD   | 6.124931 | 66.50033 | .2592278 | 476.9856 | 41.17827 | .2634385 | .8636867 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0950902 | .0097650 | 21.12474 | .005756  | .0052755 | 76.50632 | 12.92819 |
| #2 | .0861660 | .0069044 | 21.07261 | -.008077 | .0055885 | 76.42149 | 13.02239 |
| #3 | .0852359 | .0017223 | 21.18210 | -.002040 | .0023114 | 76.80551 | 13.15239 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0087841 | .0774793 | 260.4264 | .1160041 | .2365435 | .5002492 | 186.9030 |
| Stddev | .0001099 | .0002053 | 1.7230   | .0007244 | .0004169 | .0039650 | 1.2554   |
| %RSD   | 1.251331 | .2650321 | .6616058 | .6244709 | .1762298 | .7926123 | .6716896 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0086979 | .0776086 | 260.0223 | .1163387 | .2366987 | .4972422 | 186.6638 |
| #2 | .0087465 | .0772425 | 258.9414 | .1165007 | .2360713 | .4987627 | 185.7844 |
| #3 | .0089079 | .0775867 | 262.3155 | .1151728 | .2368605 | .5047427 | 188.2608 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 17.23293 | 119.9811 | .2456010 | -.004101 | .6519132 | .2447799 | 5.157123 |
| Stddev | .11489   | .6998    | .0004286 | .000076  | .0587073 | .0022461 | .014891  |
| %RSD   | .6667108 | .5832310 | .1744973 | 1.849498 | 9.005378 | .9175859 | .2887423 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 17.20729 | 119.8962 | .2453276 | -.004187 | .7191111 | .2471645 | 5.142010 |
| #2 | 17.13302 | 119.3276 | .2453804 | -.004045 | .6260522 | .2444709 | 5.157578 |
| #3 | 17.35848 | 120.7194 | .2460949 | -.004072 | .6105763 | .2427044 | 5.171781 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.943905 | 5.768254 | -.010706 | .0004939 | 6.926907 | 6.526856 | .0077357 |
| Stddev | .094972  | .004872  | .002157  | .0001894 | .020518  | .050476  | .0024475 |
| %RSD   | 1.195535 | .0844614 | 20.14215 | 38.34290 | .2962140 | .7733543 | 31.63902 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.933159 | 5.764126 | -.010795 | .0006858 | 6.906506 | 6.531384 | .0057991 |
| #2 | 7.854763 | 5.773628 | -.012818 | .0003072 | 6.926673 | 6.474269 | .0069215 |
| #3 | 8.043793 | 5.767008 | -.008507 | .0004888 | 6.947541 | 6.574915 | .0104866 |

Sample Name: I2120-08      Acquired: 3/11/2017 19:55:41      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WW0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5980793 | .0505972 | .2044588 |
| Stddev | .0028393 | .0001622 | .0005464 |
| %RSD   | .4747352 | .3206448 | .2672435 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .5995753 | .0507801 | .2038320 |
| #2 | .5948048 | .0505406 | .2048346 |
| #3 | .5998578 | .0504708 | .2047097 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 763.7143 | 1209.177 | 38365.60 | 8694.680 | 1755.331 |
| Stddev    | 3.4329   | 5.291    | 111.44   | 61.955   | 3.828    |
| %RSD      | .4495049 | .4375833 | .2904555 | .7125656 | .2180863 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 767.6767 | 1208.816 | 38272.96 | 8700.289 | 1754.157 |
| #2 | 761.8289 | 1214.639 | 38334.59 | 8753.640 | 1759.608 |
| #3 | 761.6371 | 1204.075 | 38489.26 | 8630.111 | 1752.227 |

Sample Name: I2120-09      Acquired: 3/11/2017 19:59:50      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WW1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0703853 | -.000313 | 16.30748 | .0011520 | .0036250 | 59.98290 | 11.08798 |
| Stddev | .0114827 | .001083  | .11612   | .0007403 | .0022804 | .02589   | .01473   |
| %RSD   | 16.31405 | 345.8926 | .7120610 | 64.26380 | 62.90792 | .0431681 | .1328683 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0574030 | -.000188 | 16.25121 | .0010537 | .0049081 | 60.01190 | 11.08880 |
| #2 | .0792103 | -.001454 | 16.23021 | .0004658 | .0049747 | 59.97468 | 11.10228 |
| #3 | .0745426 | .000702  | 16.44101 | .0019366 | .0009921 | 59.96211 | 11.07285 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0066041 | .0591512 | 199.9781 | .0905649 | .1722618 | .3831199 | 145.3143 |
| Stddev | .0000918 | .0003521 | .4004    | .0017697 | .0017251 | .0012325 | .1554    |
| %RSD   | 1.389825 | .5951933 | .2002142 | 1.954030 | 1.001410 | .3216922 | .1069471 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0065293 | .0588718 | 199.8748 | .0885216 | .1710521 | .3845340 | 145.2613 |
| #2 | .0067065 | .0590351 | 199.6395 | .0916012 | .1714961 | .3825518 | 145.1923 |
| #3 | .0065765 | .0595466 | 200.4200 | .0915720 | .1742371 | .3822740 | 145.4893 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 13.28363 | 91.03279 | .1817387 | -.002421 | .5404845 | .1900572 | 3.973380 |
| Stddev | .01485   | .08110   | .0019258 | .000350  | .1274240 | .0013532 | .074618  |
| %RSD   | .1117934 | .0890857 | 1.059677 | 14.43425 | 23.57589 | .7120078 | 1.877960 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 13.27823 | 90.95233 | .1799645 | -.002031 | .4547611 | .1893547 | 3.887318 |
| #2 | 13.27224 | 91.11451 | .1814648 | -.002528 | .6869102 | .1891997 | 4.012811 |
| #3 | 13.30043 | 91.03153 | .1837868 | -.002706 | .4797821 | .1916172 | 4.020010 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.092785 | 4.275318 | -.007734 | .0012248 | 5.701741 | 2.489042 | .0060650 |
| Stddev | .023706  | .017978  | .002460  | .0007585 | .045846  | .005893  | .0047123 |
| %RSD   | .3890909 | .4204961 | 31.80294 | 61.92504 | .8040687 | .2367581 | 77.69691 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.088670 | 4.273480 | -.010460 | .0020572 | 5.715569 | 2.482284 | .0012583 |
| #2 | 6.118280 | 4.258330 | -.005679 | .0005726 | 5.650573 | 2.493110 | .0062598 |
| #3 | 6.071406 | 4.294144 | -.007064 | .0010447 | 5.739082 | 2.491733 | .0106769 |

Sample Name: I2120-09      Acquired: 3/11/2017 19:59:50      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MG9WW1      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .4736551 | .0392320 | .1656111 |
| Stddev | .0009534 | .0002460 | .0000569 |
| %RSD   | .2012897 | .6270453 | .0343357 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .4741062 | .0391963 | .1655592 |
| #2 | .4742992 | .0390059 | .1656719 |
| #3 | .4725598 | .0394940 | .1656023 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 754.0942 | 1186.183 | 37925.77 | 8439.932 | 1809.312 |
| Stddev    | 10.6063  | 5.303    | 675.17   | 25.593   | 8.684    |
| %RSD      | 1.406492 | .4470316 | 1.780235 | .3032422 | .4799407 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 766.3408 | 1187.853 | 38693.02 | 8413.821 | 1812.814 |
| #2 | 748.0575 | 1190.450 | 37422.38 | 8441.001 | 1815.697 |
| #3 | 747.8842 | 1180.247 | 37661.92 | 8464.974 | 1799.424 |

Sample Name: I2121-01      Acquired: 3/11/2017 20:03:59      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WX3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0707312 | .0033747 | 15.16982 | -.000210 | .0024170 | 55.30904 | 6.698757 |
| Stddev | .0039807 | .0022025 | .03843   | .003258  | .0016695 | .14365   | .027582  |
| %RSD   | 5.627948 | 65.26408 | .2533111 | 1554.048 | 69.07415 | .2597259 | .4117463 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0749754 | .0049740 | 15.13531 | .001404  | .0009686 | 55.17204 | 6.675310 |
| #2 | .0701375 | .0008626 | 15.16291 | .001926  | .0042429 | 55.45853 | 6.729147 |
| #3 | .0670807 | .0042876 | 15.21123 | -.003959 | .0020393 | 55.29657 | 6.691814 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0070154 | .0532821 | 135.5617 | .1058990 | .1334982 | .3660913 | 136.9348 |
| Stddev | .0002140 | .0003168 | .4724    | .0006661 | .0007065 | .0028860 | .5003    |
| %RSD   | 3.050356 | .5946621 | .3484656 | .6290155 | .5292312 | .7883384 | .3653593 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0069478 | .0534538 | 135.8487 | .1056658 | .1340619 | .3628731 | 137.0133 |
| #2 | .0068433 | .0529164 | 135.0165 | .1066503 | .1327056 | .3684499 | 136.3998 |
| #3 | .0072550 | .0534760 | 135.8199 | .1053808 | .1337270 | .3669509 | 137.3912 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.354259 | 64.72855 | .1758584 | -.002485 | .6315779 | .1896558 | 3.687649 |
| Stddev | .033486  | .08394   | .0002986 | .000214  | .0376870 | .0046137 | .016120  |
| %RSD   | .4553244 | .1296868 | .1698211 | 8.628797 | 5.967117 | 2.432681 | .4371437 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.354503 | 64.67670 | .1757678 | -.002245 | .5967733 | .1873701 | 3.703407 |
| #2 | 7.320652 | 64.68356 | .1756156 | -.002555 | .6263573 | .1866312 | 3.688351 |
| #3 | 7.387622 | 64.82540 | .1761919 | -.002656 | .6716030 | .1949662 | 3.671190 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.345594 | 3.613874 | -.012047 | .0002528 | 4.085439 | 1.760800 | .0162905 |
| Stddev | .026881  | .012701  | .000702  | .0004174 | .015529  | .006667  | .0023356 |
| %RSD   | .6185806 | .3514406 | 5.827756 | 165.0874 | .3801067 | .3786309 | 14.33720 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.322274 | 3.620924 | -.011582 | .0004352 | 4.100389 | 1.759917 | .0143029 |
| #2 | 4.374994 | 3.599212 | -.012855 | -.000225 | 4.069389 | 1.754619 | .0188630 |
| #3 | 4.339515 | 3.621486 | -.011704 | .000548  | 4.086538 | 1.767865 | .0157057 |

Sample Name: I2121-01      Acquired: 3/11/2017 20:03:59      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WX3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .4570182 | .0352166 | .1154687 |
| Stddev | .0017632 | .0002779 | .0000525 |
| %RSD   | .3858024 | .7891027 | .0454236 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .4582955 | .0348989 | .1154685 |
| #2 | .4577526 | .0354145 | .1155212 |
| #3 | .4550065 | .0353364 | .1154163 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 777.3792 | 1223.582 | 38625.30 | 8635.849 | 1874.930 |
| Stddev    | 4.7648   | 4.913    | 224.18   | 7.720    | 5.045    |
| %RSD      | .6129295 | .4014863 | .5804078 | .0893920 | .2690627 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 772.7251 | 1227.740 | 38547.01 | 8632.241 | 1879.131 |
| #2 | 777.1650 | 1224.845 | 38450.75 | 8644.712 | 1876.325 |
| #3 | 782.2475 | 1218.161 | 38878.13 | 8630.593 | 1869.335 |

Sample Name: I2117-16DLX10      Acquired: 3/11/2017 20:08:09      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WN6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0177083 | -.001257 | 9.017105 | -.004861 | .0007687 | 6.837283 | .5084675 |
| Stddev | .0127003 | .001359  | .034967  | .006728  | .0013228 | .021364  | .0013247 |
| %RSD   | 71.71933 | 108.1000 | .3877896 | 138.4311 | 172.0921 | .3124613 | .2605318 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0312681 | -.001399 | 8.996175 | .002900  | .0003750 | 6.852080 | .5087525 |
| #2 | .0157652 | .000167  | 8.997666 | -.008425 | .0022436 | 6.846979 | .5096266 |
| #3 | .0060916 | -.002540 | 9.057472 | -.009057 | -.000313 | 6.812791 | .5070235 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0009884 | .0131971 | 35.35544 | .0116724 | .0397242 | .1510928 | 22.27093 |
| Stddev | .0001324 | .0001030 | .16754   | .0004253 | .0004899 | .0009764 | .04673   |
| %RSD   | 13.39327 | .7806448 | .4738642 | 3.644000 | 1.233317 | .6462468 | .2098261 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0011288 | .0131560 | 35.19528 | .0116568 | .0397538 | .1521566 | 22.22246 |
| #2 | .0009704 | .0131210 | 35.52949 | .0121053 | .0392201 | .1502373 | 22.27464 |
| #3 | .0008659 | .0133143 | 35.34156 | .0112550 | .0401986 | .1508846 | 22.31570 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.201993 | 16.18480 | .0363453 | -.000162 | .1301214 | .0226362 | .6886557 |
| Stddev | .011210  | .06593   | .0007533 | .000236  | .0607892 | .0035651 | .0019736 |
| %RSD   | .5090852 | .4073863 | 2.072643 | 145.8035 | 46.71727 | 15.74962 | .2865920 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.190605 | 16.11639 | .0369723 | -.000124 | .1867123 | .0266105 | .6894718 |
| #2 | 2.213016 | 16.24795 | .0355097 | -.000415 | .0658617 | .0215787 | .6864049 |
| #3 | 2.202360 | 16.19006 | .0365540 | .000053  | .1377903 | .0197195 | .6900904 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2079471 | .3792656 | -.004714 | .0005095 | .3068186 | .2525569 | .0004507 |
| Stddev | .0231884 | .0039676 | .001798  | .0005103 | .0041544 | .0017235 | .0011000 |
| %RSD   | 11.15111 | 1.046135 | 38.13339 | 100.1551 | 1.354029 | .6824318 | 244.0612 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2001058 | .3836308 | -.002748 | .0004732 | .3114653 | .2514508 | .0015531 |
| #2 | .2340396 | .3758785 | -.005121 | .0010370 | .3055273 | .2545428 | .0004461 |
| #3 | .1896960 | .3782873 | -.006273 | .0000183 | .3034632 | .2516773 | -.000647 |

Sample Name: I2117-16DLX10      Acquired: 3/11/2017 20:08:09      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MG9WN6      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0644067 | .0032568 | .0141139 |
| Stddev | .0002129 | .0001815 | .0001135 |
| %RSD   | .3305898 | 5.574171 | .8039885 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0641610 | .0031245 | .0141988 |
| #2 | .0645211 | .0034638 | .0141578 |
| #3 | .0645379 | .0031821 | .0139850 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 729.5668 | 1170.205 | 35655.02 | 7742.027 | 2012.378 |
| Stddev    | 3.5854   | 4.714    | 167.07   | 13.373   | 3.950    |
| %RSD      | .4914385 | .4028003 | .4685811 | .1727304 | .1962772 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 725.4324 | 1167.840 | 35477.08 | 7744.777 | 2012.715 |
| #2 | 731.8218 | 1175.632 | 35679.43 | 7727.493 | 2016.149 |
| #3 | 731.4460 | 1167.142 | 35808.54 | 7753.811 | 2008.271 |

Sample Name: CCV070      Acquired: 3/11/2017 20:12:15      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV070      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.962110 | 4.718572 | 24.99166 | 4.868727 | 4.779835 | 367.4129 | 9.582919 |
| Stddev | .013199  | .045318  | .02765   | .011546  | .006809  | .3147    | .064548  |
| %RSD   | .2660054 | .9604278 | .1106183 | .2371538 | .1424487 | .0856635 | .6735702 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.967702 | 4.671715 | 24.99944 | 4.872363 | 4.776175 | 367.0495 | 9.632759 |
| #2 | 4.971594 | 4.762176 | 24.96095 | 4.855801 | 4.775640 | 367.5905 | 9.510005 |
| #3 | 4.947036 | 4.721824 | 25.01457 | 4.878018 | 4.787691 | 367.5987 | 9.605992 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4833998 | 2.509107 | 391.4831 | 16.33698 | 2.455259 | 14.88609 | 381.5793 |
| Stddev | .0036856 | .004363  | 1.0660   | .10938   | .002237  | .03816   | .9379    |
| %RSD   | .7624230 | .1738666 | .2723095 | .6695513 | .0910949 | .2563252 | .2458056 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4791557 | 2.504869 | 390.2555 | 16.46252 | 2.452699 | 14.89633 | 380.5398 |
| #2 | .4857941 | 2.508869 | 392.0182 | 16.28623 | 2.456250 | 14.84386 | 382.3622 |
| #3 | .4852495 | 2.513584 | 392.1755 | 16.26218 | 2.456830 | 14.91808 | 381.8360 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.15629 | 382.6473 | 2.491062 | 1.278121 | 366.9213 | 2.343039 | 14.92209 |
| Stddev | .02504   | 1.3351   | .000989  | .004922  | .3200    | .001171  | .10373   |
| %RSD   | .1769141 | .3489162 | .0396971 | .3851165 | .0872205 | .0499661 | .6951301 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 14.12831 | 381.1081 | 2.490054 | 1.282959 | 366.5576 | 2.341687 | 15.02245 |
| #2 | 14.17661 | 383.4930 | 2.491100 | 1.278285 | 367.0465 | 2.343686 | 14.92855 |
| #3 | 14.16396 | 383.3407 | 2.492031 | 1.273119 | 367.1598 | 2.343743 | 14.81529 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 156.4414 | 5.060010 | 4.761610 | 4.865258 | 5.033404 | 4.745258 | 5.041959 |
| Stddev | .2875    | .020650  | .028320  | .011569  | .021312  | .036681  | .010108  |
| %RSD   | .1837762 | .4080942 | .5947482 | .2377966 | .4234173 | .7730028 | .2004755 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 156.7698 | 5.042209 | 4.729385 | 4.867318 | 5.008801 | 4.705404 | 5.051762 |
| #2 | 156.2348 | 5.055171 | 4.782536 | 4.852797 | 5.045217 | 4.777605 | 5.031571 |
| #3 | 156.3198 | 5.082649 | 4.772908 | 4.875660 | 5.046194 | 4.752765 | 5.042543 |

Sample Name: CCV070      Acquired: 3/11/2017 20:12:15      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV070      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.691107 | 4.945572 | 4.963676 |
| Stddev | .009949  | .007799  | .047305  |
| %RSD   | .2120765 | .1577003 | .9530149 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 4.685408 | 4.954359 | 4.921372 |
| #2 | 4.702595 | 4.942884 | 5.014753 |
| #3 | 4.685318 | 4.939471 | 4.954904 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 611.3031 | 979.6944 | 31585.00 | 7203.483 | 1553.379 |
| Stddev    | 5.4295   | 2.9171   | 155.22   | 39.030   | 3.850    |
| %RSD      | .8881878 | .2977606 | .4914512 | .5418187 | .2478448 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 605.8520 | 978.3942 | 31419.41 | 7248.106 | 1551.700 |
| #2 | 611.3466 | 983.0355 | 31608.38 | 7175.704 | 1557.783 |
| #3 | 616.7108 | 977.6534 | 31727.21 | 7186.639 | 1550.653 |

Sample Name: CCB070      Acquired: 3/11/2017 20:16:23      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB070      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0068907 | .0004634 | .0020014 | -.004023 | -.000000 | -.002090 | -.000815 |
| Stddev | .0057989 | .0034878 | .0010000 | .002043  | .000250  | .003438  | .000257  |
| %RSD   | 84.15567 | 752.6938 | 49.96592 | 50.77823 | 692658.7 | 164.5156 | 31.53677 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0114827 | .0027176 | .0011757 | -.005163 | .000128  | -.001092 | -.000774 |
| #2 | .0003742 | .0022265 | .0031134 | -.001665 | .000160  | -.005916 | -.000580 |
| #3 | .0088151 | -.003554 | .0017152 | -.005241 | -.000288 | .000739  | -.001089 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000011 | .0000922 | .0050147 | -.000229 | -.000022 | .0005306 | -.005227 |
| Stddev | .000029  | .0000547 | .0107174 | .000447  | .000251  | .0011653 | .005080  |
| %RSD   | 263.0561 | 59.36488 | 213.7185 | 195.2556 | 1123.158 | 219.6042 | 97.18703 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .000004  | .0000916 | .0173440 | -.000609 | -.000294 | .0001562 | -.003366 |
| #2 | .000008  | .0001472 | -.000226 | .000263  | .000200  | .0018371 | -.001340 |
| #3 | -.000044 | .0000378 | -.002074 | -.000340 | .000027  | -.000401 | -.010975 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001037 | .0356759 | -.000368 | .0000523 | -.001299 | -.002813 | .0001627 |
| Stddev | .000168  | .0431013 | .000584  | .0001658 | .056116  | .001902  | .0006337 |
| %RSD   | 16.19542 | 120.8136 | 158.7787 | 316.7055 | 4320.408 | 67.63394 | 389.5382 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000845 | -.012737 | -.000889 | .0001584 | .035304  | -.004889 | -.000000 |
| #2 | -.001107 | .069875  | .000263  | -.000139 | -.065905 | -.002395 | -.000374 |
| #3 | -.001159 | .049889  | -.000477 | .000137  | .026705  | -.001154 | .000862  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.353540 | .0055365 | .0002508 | -.000103 | -.004925 | -.002382 | -.000295 |
| Stddev | .040911  | .0060264 | .0002324 | .000230  | .002586  | .001221  | .001404  |
| %RSD   | 11.57171 | 108.8472 | 92.67247 | 222.5727 | 52.49403 | 51.28217 | 476.3132 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.320233 | .0117869 | .0000838 | -.000190 | -.001989 | -.002935 | -.001856 |
| #2 | -.341182 | .0050604 | .0005162 | .000157  | -.006859 | -.000982 | .000863  |
| #3 | -.399205 | -.000238 | .0001523 | -.000278 | -.005928 | -.003228 | .000109  |

Sample Name: CCB070      Acquired: 3/11/2017 20:16:23      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: CCB070      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0031943 | -.000382 | .0000041 |
| Stddev | .0006894 | .000707  | .0000434 |
| %RSD   | 21.58254 | 185.2161 | 1048.757 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0029896 | -.001028 | .0000445 |
| #2 | .0026304 | -.000491 | -.000042 |
| #3 | .0039629 | .000374  | .000010  |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 746.8036 | 1195.725 | 36039.45 | 7720.625 | 2115.194 |
| Stddev    | 2.8702   | 5.141    | 190.54   | 28.396   | 7.300    |
| %RSD      | .3843249 | .4299602 | .5286996 | .3677933 | .3451067 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 744.1431 | 1189.858 | 36097.85 | 7701.100 | 2109.003 |
| #2 | 746.4225 | 1199.445 | 35826.55 | 7753.200 | 2123.243 |
| #3 | 749.8453 | 1197.871 | 36193.96 | 7707.575 | 2113.335 |

Sample Name: I2121-02      Acquired: 3/11/2017 20:20:33      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WX4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0770564 | .0036720 | 18.40676 | .0054595 | .0046589 | 80.69350 | 10.01380 |
| Stddev | .0062442 | .0032152 | .05320   | .0016048 | .0011489 | .81533   | .02655   |
| %RSD   | 8.103343 | 87.56159 | .2890027 | 29.39469 | 24.66093 | 1.010404 | .2651307 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0841300 | .0005949 | 18.34910 | .0040936 | .0039292 | 80.31380 | 10.01617 |
| #2 | .0747294 | .0070095 | 18.45393 | .0072270 | .0059833 | 80.13727 | 9.98614  |
| #3 | .0723100 | .0034115 | 18.41726 | .0050580 | .0040642 | 81.62943 | 10.03908 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0087618 | .0605243 | 186.9859 | .1199723 | .1766535 | .4505122 | 175.0951 |
| Stddev | .0001687 | .0004359 | 1.8867   | .0004359 | .0008667 | .0045132 | 1.7522   |
| %RSD   | 1.925517 | .7202596 | 1.008984 | .3632933 | .4906319 | 1.001785 | 1.000715 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0089553 | .0602849 | 186.1675 | .1196932 | .1756655 | .4488881 | 174.5383 |
| #2 | .0086848 | .0602605 | 185.6467 | .1204746 | .1772855 | .4470358 | 173.6890 |
| #3 | .0086454 | .0610275 | 189.1436 | .1197492 | .1770096 | .4556126 | 177.0581 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.953601 | 90.15260 | .2292346 | -.002451 | .7165156 | .2379828 | 4.770580 |
| Stddev | .113858  | .85300   | .0008133 | .000302  | .1079513 | .0045761 | .009034  |
| %RSD   | 1.143888 | .9461699 | .3547795 | 12.34010 | 15.06615 | 1.922876 | .1893716 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 9.901748 | 89.89017 | .2284015 | -.002555 | .6983120 | .2399058 | 4.779355 |
| #2 | 9.874899 | 89.46165 | .2300265 | -.002687 | .8324113 | .2327590 | 4.771076 |
| #3 | 10.08416 | 91.10598 | .2292757 | -.002110 | .6188234 | .2412836 | 4.761307 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.969457 | 4.583892 | -.013450 | -.000168 | 5.255778 | 2.242011 | .0166460 |
| Stddev | .073951  | .002799  | .002534  | .001153  | .028208  | .026325  | .0049062 |
| %RSD   | 1.061066 | .0610589 | 18.84364 | 686.8186 | .5367066 | 1.174150 | 29.47374 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.929437 | 4.586298 | -.013787 | .000012  | 5.225917 | 2.238833 | .0219506 |
| #2 | 6.924141 | 4.580820 | -.015799 | .000885  | 5.281974 | 2.217419 | .0122713 |
| #3 | 7.054793 | 4.584559 | -.010764 | -.001400 | 5.259444 | 2.269780 | .0157161 |

Sample Name: I2121-02      Acquired: 3/11/2017 20:20:33      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WX4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5327744 | .0524459 | .1606906 |
| Stddev | .0015956 | .0006145 | .0012396 |
| %RSD   | .2994820 | 1.171771 | .7714159 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .5317958 | .0523340 | .1601179 |
| #2 | .5319119 | .0518950 | .1598409 |
| #3 | .5346156 | .0531087 | .1621130 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 784.4204 | 1239.890 | 39080.59 | 8763.512 | 1815.736 |
| Stddev    | 2.3637   | 2.050    | 85.61    | 71.721   | .409     |
| %RSD      | .3013319 | .1653591 | .2190620 | .8184025 | .0224995 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 783.3267 | 1239.324 | 39029.16 | 8766.012 | 1816.102 |
| #2 | 782.8016 | 1242.164 | 39033.20 | 8833.950 | 1815.295 |
| #3 | 787.1329 | 1238.182 | 39179.42 | 8690.574 | 1815.812 |

Sample Name: I2121-03      Acquired: 3/11/2017 20:24:43      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WX5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0748514 | -.005356 | 16.49063 | -.000034 | .0075261 | 72.92201 | 9.388751 |
| Stddev | .0034815 | .006892  | .06081   | .004827  | .0016874 | .03362   | .109147  |
| %RSD   | 4.651235 | 128.6813 | .3687259 | 14125.28 | 22.41982 | .0461095 | 1.162525 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0756737 | -.001687 | 16.43533 | .005236  | .0094021 | 72.90652 | 9.503053 |
| #2 | .0710324 | -.001074 | 16.48081 | -.001098 | .0061324 | 72.96058 | 9.377582 |
| #3 | .0778482 | -.013306 | 16.55575 | -.004240 | .0070439 | 72.89892 | 9.285619 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0079733 | .0536439 | 168.5397 | .1061663 | .1564779 | .4016982 | 158.4215 |
| Stddev | .0001500 | .0002542 | .5826    | .0007172 | .0005807 | .0027292 | .4826    |
| %RSD   | 1.881380 | .4739199 | .3456801 | .6755427 | .3710851 | .6794060 | .3046216 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0078940 | .0534174 | 169.1625 | .1066447 | .1559438 | .4028828 | 158.8456 |
| #2 | .0078796 | .0535953 | 168.0081 | .1053417 | .1563939 | .4036349 | 157.8964 |
| #3 | .0081463 | .0539189 | 168.4485 | .1065126 | .1570960 | .3985769 | 158.5225 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.964566 | 80.99414 | .2041179 | -.002732 | .6918822 | .2145506 | 4.335833 |
| Stddev | .036030  | .20388   | .0012811 | .000079  | .1154772 | .0018068 | .007544  |
| %RSD   | .4019210 | .2517244 | .6276481 | 2.909758 | 16.69029 | .8421297 | .1739951 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 9.005426 | 81.19491 | .2034043 | -.002673 | .7357765 | .2134623 | 4.343735 |
| #2 | 8.937354 | 80.78728 | .2033526 | -.002701 | .5608940 | .2135532 | 4.328707 |
| #3 | 8.950916 | 81.00022 | .2055970 | -.002822 | .7789761 | .2166362 | 4.335058 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.386236 | 4.094372 | -.011288 | -.000633 | 4.803081 | 2.021930 | .0227125 |
| Stddev | .032362  | .017126  | .001910  | .000188  | .015112  | .010293  | .0027300 |
| %RSD   | .5067484 | .4182917 | 16.92049 | 29.68427 | .3146214 | .5090866 | 12.01972 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.355553 | 4.086316 | -.012629 | -.000419 | 4.788509 | 2.032364 | .0256610 |
| #2 | 6.383105 | 4.082759 | -.012133 | -.000771 | 4.802053 | 2.021643 | .0202726 |
| #3 | 6.420050 | 4.114041 | -.009101 | -.000709 | 4.818680 | 2.011783 | .0222040 |

Sample Name: I2121-03      Acquired: 3/11/2017 20:24:43      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WX5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .4917738 | .0477754 | .1480133 |
| Stddev | .0006234 | .0003759 | .0001429 |
| %RSD   | .1267625 | .7867058 | .0965662 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .4914063 | .0480005 | .1480944 |
| #2 | .4924936 | .0473415 | .1480972 |
| #3 | .4914215 | .0479841 | .1478482 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 775.3140 | 1228.558 | 38901.88 | 8705.398 | 1834.413 |
| Stddev    | 4.4370   | 3.345    | 88.46    | 42.210   | 3.755    |
| %RSD      | .5722805 | .2722472 | .2274044 | .4848759 | .2046893 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 772.6042 | 1228.621 | 38879.85 | 8657.629 | 1836.615 |
| #2 | 780.4345 | 1231.871 | 38999.28 | 8720.899 | 1836.547 |
| #3 | 772.9034 | 1225.183 | 38826.51 | 8737.667 | 1830.078 |

Sample Name: I2121-04      Acquired: 3/11/2017 20:28:55      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WX6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0681589 | -.004957 | 9.611308 | .0073063 | .0010428 | 48.80360 | 5.571234 |
| Stddev | .0103654 | .001542  | .024533  | .0022356 | .0018624 | .81050   | .096680  |
| %RSD   | 15.20767 | 31.10319 | .2552565 | 30.59754 | 178.6044 | 1.660733 | 1.735349 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0677581 | -.006205 | 9.625329 | .0096664 | .0028997 | 48.68504 | 5.573452 |
| #2 | .0579997 | -.005432 | 9.582980 | .0052206 | -.000825 | 48.05891 | 5.473464 |
| #3 | .0787189 | -.003233 | 9.625615 | .0070320 | .001054  | 49.66685 | 5.666787 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0057419 | .0464152 | 88.30895 | .1089192 | .1334562 | .2773966 | 122.7821 |
| Stddev | .0002690 | .0003089 | 1.24230  | .0007410 | .0007642 | .0037549 | 1.9581   |
| %RSD   | 4.683959 | .6655489 | 1.406763 | .6803515 | .5726155 | 1.353615 | 1.594741 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0056088 | .0467548 | 88.07697 | .1082094 | .1334632 | .2790725 | 122.5335 |
| #2 | .0055655 | .0461508 | 87.19901 | .1096880 | .1326885 | .2730956 | 120.9602 |
| #3 | .0060515 | .0463401 | 89.65089 | .1088602 | .1342168 | .2800216 | 124.8526 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.952969 | 38.37047 | .1556689 | -.003059 | .4141821 | .1868558 | 2.982387 |
| Stddev | .118994  | .64782   | .0002988 | .000296  | .1088823 | .0032355 | .011688  |
| %RSD   | 1.496215 | 1.688342 | .1919109 | 9.680453 | 26.28851 | 1.731545 | .3918847 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.937654 | 38.22295 | .1558960 | -.002831 | .5211655 | .1849882 | 2.995257 |
| #2 | 7.842374 | 37.80912 | .1553305 | -.003394 | .3034954 | .1849874 | 2.979470 |
| #3 | 8.078878 | 39.07933 | .1557803 | -.002953 | .4178854 | .1905918 | 2.972435 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.813676 | 3.201392 | -.001077 | .0005765 | 4.781401 | 1.647821 | .0078121 |
| Stddev | .108028  | .022701  | .000372  | .0004517 | .016702  | .023265  | .0012943 |
| %RSD   | 2.832660 | .7090829 | 34.55170 | 78.34540 | .3493201 | 1.411882 | 16.56741 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.846543 | 3.225313 | -.000651 | .0009690 | 4.796200 | 1.649227 | .0084829 |
| #2 | 3.693032 | 3.180150 | -.001240 | .0006777 | 4.763291 | 1.623884 | .0086333 |
| #3 | 3.901454 | 3.198712 | -.001339 | .0000828 | 4.784712 | 1.670351 | .0063202 |

Sample Name: I2121-04      Acquired: 3/11/2017 20:28:55      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WX6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .4786436 | .0311398 | .0988013 |
| Stddev | .0076225 | .0006243 | .0017326 |
| %RSD   | 1.592525 | 2.004883 | 1.753610 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .4767615 | .0308563 | .0987020 |
| #2 | .4721385 | .0307075 | .0971205 |
| #3 | .4870309 | .0318556 | .1005814 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 763.3077 | 1214.004 | 38588.26 | 8486.462 | 1921.895 |
| Stddev    | 2.5193   | 2.835    | 123.37   | 115.460  | 3.539    |
| %RSD      | .3300567 | .2334859 | .3197092 | 1.360516 | .1841512 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 761.8335 | 1211.966 | 38595.66 | 8499.102 | 1919.004 |
| #2 | 761.8729 | 1217.241 | 38461.35 | 8595.081 | 1925.842 |
| #3 | 766.2167 | 1212.804 | 38707.76 | 8365.202 | 1920.837 |

Sample Name: I2121-05      Acquired: 3/11/2017 20:32:56      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WX7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0708049 | .0017361 | 10.71023 | .0000874 | .0037615 | 53.14758 | 6.678698 |
| Stddev | .0002091 | .0046524 | .02611   | .0053041 | .0015418 | .12481   | .080162  |
| %RSD   | .2953091 | 267.9794 | .2437883 | 6066.655 | 40.98802 | .2348381 | 1.200260 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0708787 | .0025159 | 10.71581 | .0053849 | .0051152 | 53.09153 | 6.725406 |
| #2 | .0709671 | -.003257 | 10.68178 | -.005223 | .0040860 | 53.29059 | 6.724551 |
| #3 | .0705690 | .005949  | 10.73310 | .000101  | .0020833 | 53.06062 | 6.586136 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0061803 | .0438875 | 108.6262 | .1102234 | .1417500 | .2955258 | 130.2198 |
| Stddev | .0001919 | .0000554 | .4923    | .0007559 | .0013068 | .0009015 | .4126    |
| %RSD   | 3.104386 | .1261659 | .4531987 | .6857532 | .9218809 | .3050645 | .3168346 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0063881 | .0439273 | 108.7245 | .1106395 | .1403103 | .2952334 | 130.3145 |
| #2 | .0061430 | .0438243 | 109.0620 | .1093509 | .1420782 | .2965373 | 130.5768 |
| #3 | .0060099 | .0439111 | 108.0922 | .1106798 | .1428613 | .2948068 | 129.7681 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.250511 | 50.49537 | .1649960 | -.002939 | .5143289 | .1919375 | 3.032506 |
| Stddev | .025177  | .17581   | .0011895 | .000078  | .1028388 | .0042610 | .009439  |
| %RSD   | .2721680 | .3481632 | .7209298 | 2.649926 | 19.99476 | 2.219979 | .3112700 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 9.256112 | 50.55872 | .1648583 | -.003000 | .3963044 | .1968428 | 3.021950 |
| #2 | 9.272415 | 50.63073 | .1638813 | -.002851 | .5846761 | .1891545 | 3.040134 |
| #3 | 9.223005 | 50.29667 | .1662483 | -.002966 | .5620062 | .1898151 | 3.035436 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.205144 | 3.488271 | -.004800 | .0009859 | 4.304137 | 1.916485 | .0054163 |
| Stddev | .024922  | .031375  | .001907  | .0004072 | .011213  | .003396  | .0013884 |
| %RSD   | .5926554 | .8994446 | 39.73426 | 41.30480 | .2605269 | .1771863 | 25.63286 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.176590 | 3.499703 | -.004543 | .0007943 | 4.313039 | 1.919999 | .0068969 |
| #2 | 4.222518 | 3.452783 | -.006822 | .0014536 | 4.291543 | 1.916235 | .0052085 |
| #3 | 4.216325 | 3.512327 | -.003034 | .0007099 | 4.307828 | 1.913221 | .0041436 |

Sample Name: I2121-05      Acquired: 3/11/2017 20:32:56      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WX7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .4871359 | .0326356 | .1102962 |
| Stddev | .0012779 | .0001986 | .0002113 |
| %RSD   | .2623187 | .6086658 | .1915851 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .4869759 | .0324931 | .1104785 |
| #2 | .4884862 | .0325511 | .1103456 |
| #3 | .4859455 | .0328625 | .1100646 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 775.1869 | 1228.220 | 38330.55 | 8606.571 | 1901.278 |
| Stddev    | 1.7932   | 4.658    | 121.90   | 34.080   | 3.697    |
| %RSD      | .2313306 | .3792116 | .3180179 | .3959778 | .1944386 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 777.0267 | 1223.689 | 38311.97 | 8584.739 | 1898.051 |
| #2 | 773.4442 | 1232.995 | 38460.68 | 8589.132 | 1905.312 |
| #3 | 775.0898 | 1227.977 | 38219.01 | 8645.842 | 1900.471 |

Sample Name: I2121-06      Acquired: 3/11/2017 20:37:08      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WX8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0829418 | .0011967 | 15.27574 | -.002057 | .0033004 | 73.82553 | 9.489277 |
| Stddev | .0061706 | .0031223 | .04872   | .008693  | .0031682 | .23583   | .100328  |
| %RSD   | 7.439647 | 260.8981 | .3189536 | 422.5467 | 95.99313 | .3194446 | 1.057276 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0819920 | -.002251 | 15.29151 | -.004461 | -.000357 | 73.89526 | 9.533836 |
| #2 | .0773011 | .002007  | 15.22109 | .007585  | .005044  | 74.01864 | 9.559606 |
| #3 | .0895322 | .003834  | 15.31463 | -.009296 | .005214  | 73.56270 | 9.374387 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0080577 | .0629637 | 173.6449 | .1201154 | .1961138 | .3831214 | 169.8015 |
| Stddev | .0000587 | .0001292 | .2631    | .0011821 | .0005302 | .0043494 | .0731    |
| %RSD   | .7278590 | .2051636 | .1515022 | .9841622 | .2703703 | 1.135261 | .0430665 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0080795 | .0631127 | 173.4154 | .1214722 | .1957979 | .3833938 | 169.8037 |
| #2 | .0079913 | .0628949 | 173.5875 | .1195669 | .1958175 | .3786422 | 169.7273 |
| #3 | .0081023 | .0628835 | 173.9320 | .1193072 | .1967260 | .3873282 | 169.8735 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.64700 | 83.25702 | .2297454 | -.003980 | .6988984 | .2291209 | 4.159770 |
| Stddev | .01041   | .08198   | .0007420 | .000315  | .0413368 | .0021567 | .014512  |
| %RSD   | .0710987 | .0984709 | .3229720 | 7.908913 | 5.914567 | .9412981 | .3488561 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 14.64274 | 83.16415 | .2305686 | -.004287 | .6511845 | .2293570 | 4.166581 |
| #2 | 14.63940 | 83.31932 | .2291279 | -.003658 | .7238833 | .2268559 | 4.143105 |
| #3 | 14.65887 | 83.28760 | .2295399 | -.003995 | .7216274 | .2311499 | 4.169622 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.641227 | 4.571870 | -.011200 | .0010115 | 5.497053 | 1.977229 | .0063639 |
| Stddev | .019063  | .021226  | .001472  | .0008791 | .028828  | .013118  | .0023375 |
| %RSD   | .2870432 | .4642674 | 13.14594 | 86.90249 | .5244225 | .6634386 | 36.73127 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.622004 | 4.567974 | -.009501 | .0001992 | 5.518389 | 1.972146 | .0089163 |
| #2 | 6.641551 | 4.552863 | -.011981 | .0019448 | 5.464257 | 1.992128 | .0058481 |
| #3 | 6.660127 | 4.594774 | -.012116 | .0008907 | 5.508511 | 1.967413 | .0043274 |

Sample Name: I2121-06      Acquired: 3/11/2017 20:37:08      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WX8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .4964421 | .0478780 | .1520050 |
| Stddev | .0015432 | .0006929 | .0003922 |
| %RSD   | .3108546 | 1.447197 | .2580015 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .4951864 | .0486767 | .1524561 |
| #2 | .4981649 | .0474383 | .1518133 |
| #3 | .4959749 | .0475189 | .1517455 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 779.6347 | 1236.432 | 39080.13 | 8745.141 | 1830.288 |
| Stddev    | 2.5660   | 2.258    | 183.77   | 27.748   | 6.883    |
| %RSD      | .3291317 | .1826525 | .4702337 | .3173003 | .3760466 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 778.3451 | 1236.705 | 38874.50 | 8748.854 | 1828.674 |
| #2 | 782.5898 | 1238.542 | 39228.32 | 8715.723 | 1837.834 |
| #3 | 777.9693 | 1234.050 | 39137.57 | 8770.846 | 1824.355 |

Sample Name: I2121-07      Acquired: 3/11/2017 20:41:18      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WX9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0598344 | -.000365 | 8.924513 | .0026361 | .0034667 | 44.15816 | 5.019279 |
| Stddev | .0023673 | .009440  | .030928  | .0058189 | .0006717 | .15213   | .015171  |
| %RSD   | 3.956478 | 2586.528 | .3465564 | 220.7388 | 19.37613 | .3445073 | .3022447 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0579460 | -.011250 | 8.916406 | -.003994 | .0033589 | 44.33152 | 5.034439 |
| #2 | .0590669 | .004571  | 8.898445 | .006894  | .0028554 | 44.09604 | 5.019301 |
| #3 | .0624902 | .005584  | 8.958687 | .005009  | .0041857 | 44.04693 | 5.004098 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0052803 | .0352380 | 86.80485 | .1109414 | .1120530 | .2317258 | 116.1815 |
| Stddev | .0000319 | .0003457 | .28859   | .0012815 | .0007567 | .0022703 | .3434    |
| %RSD   | .6049302 | .9809679 | .3324537 | 1.155126 | .6752672 | .9797407 | .2955816 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0053132 | .0355176 | 87.13013 | .1116544 | .1124325 | .2326796 | 116.5095 |
| #2 | .0052494 | .0348515 | 86.70491 | .1094619 | .1111817 | .2333635 | 116.2107 |
| #3 | .0052784 | .0353448 | 86.57952 | .1117078 | .1125448 | .2291341 | 115.8245 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.043628 | 39.64141 | .1268645 | -.002642 | .3879293 | .1729727 | 2.777467 |
| Stddev | .026938  | .03785   | .0009059 | .000358  | .0294295 | .0017142 | .013666  |
| %RSD   | .3824379 | .0954770 | .7140964 | 13.56530 | 7.586298 | .9910388 | .4920270 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.071430 | 39.68003 | .1279106 | -.002234 | .4038138 | .1726940 | 2.772238 |
| #2 | 7.041805 | 39.63981 | .1263417 | -.002903 | .4060036 | .1714148 | 2.792976 |
| #3 | 7.017648 | 39.60438 | .1263413 | -.002791 | .3539706 | .1748091 | 2.767189 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.322626 | 2.801313 | -.007467 | .0007817 | 2.657440 | 1.615640 | .0093243 |
| Stddev | .026137  | .010059  | .002201  | .0001429 | .019257  | .001845  | .0024035 |
| %RSD   | .7866437 | .3590757 | 29.47776 | 18.27869 | .7246332 | .1141849 | 25.77685 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.295450 | 2.791534 | -.009803 | .0006546 | 2.667378 | 1.617002 | .0118523 |
| #2 | 3.324844 | 2.800775 | -.005432 | .0009364 | 2.635245 | 1.616378 | .0090521 |
| #3 | 3.347583 | 2.811630 | -.007167 | .0007541 | 2.669699 | 1.613541 | .0070685 |

Sample Name: I2121-07      Acquired: 3/11/2017 20:41:18      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WX9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .4101176 | .0266571 | .0831086 |
| Stddev | .0009604 | .0004317 | .0001538 |
| %RSD   | .2341762 | 1.619261 | .1850613 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .4107002 | .0265787 | .0831673 |
| #2 | .4090091 | .0271226 | .0832245 |
| #3 | .4106434 | .0262700 | .0829341 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 761.9010 | 1205.720 | 37780.18 | 8380.052 | 1924.816 |
| Stddev    | .4840    | 1.832    | 215.89   | 42.923   | 4.914    |
| %RSD      | .0635221 | .1519675 | .5714476 | .5122088 | .2552860 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 761.7822 | 1206.858 | 37565.90 | 8341.088 | 1926.030 |
| #2 | 762.4333 | 1206.696 | 37997.65 | 8426.063 | 1929.009 |
| #3 | 761.4875 | 1203.607 | 37777.00 | 8373.004 | 1919.409 |

Sample Name: I2121-08      Acquired: 3/11/2017 20:45:20      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WY0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0602605 | .0011408 | 9.405996 | -.000150 | .0024952 | 43.31798 | 5.787357 |
| Stddev | .0097130 | .0083775 | .021283  | .001460  | .0022763 | .11153   | .039179  |
| %RSD   | 16.11838 | 734.3747 | .2262735 | 971.5762 | 91.22624 | .2574630 | .6769804 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0551501 | -.007920 | 9.393697 | -.001275 | .0009679 | 43.21132 | 5.765346 |
| #2 | .0714619 | .008606  | 9.393720 | .001499  | .0014063 | 43.43381 | 5.764133 |
| #3 | .0541696 | .002737  | 9.430572 | -.000675 | .0051113 | 43.30882 | 5.832592 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0051522 | .0375830 | 101.9084 | .1020575 | .1111437 | .2606114 | 110.0092 |
| Stddev | .0000925 | .0002145 | .4182    | .0003429 | .0008638 | .0009600 | .4445    |
| %RSD   | 1.795864 | .5708541 | .4104166 | .3360157 | .7772313 | .3683557 | .4041005 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0050926 | .0375328 | 101.4329 | .1020455 | .1115223 | .2600728 | 109.5213 |
| #2 | .0052588 | .0373980 | 102.2192 | .1024063 | .1101551 | .2617197 | 110.3913 |
| #3 | .0051052 | .0378182 | 102.0733 | .1017207 | .1117535 | .2600416 | 110.1151 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.502551 | 46.92452 | .1386243 | -.002011 | .3891917 | .1563752 | 2.770384 |
| Stddev | .033942  | .28254   | .0014315 | .000284  | .0977719 | .0022250 | .009632  |
| %RSD   | .4524073 | .6021241 | 1.032629 | 14.14288 | 25.12179 | 1.422857 | .3476949 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.463380 | 46.60635 | .1369759 | -.002012 | .3810080 | .1543135 | 2.767616 |
| #2 | 7.523278 | 47.02109 | .1393425 | -.002296 | .2957688 | .1560785 | 2.762438 |
| #3 | 7.520994 | 47.14611 | .1395544 | -.001727 | .4907982 | .1587337 | 2.781097 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.327243 | 2.885130 | -.006684 | -.000026 | 3.089695 | 1.597311 | .0043057 |
| Stddev | .043469  | .017121  | .000479  | .000328  | .022026  | .007181  | .0012734 |
| %RSD   | 1.306445 | .5934299 | 7.163020 | 1282.758 | .7128788 | .4495882 | 29.57488 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.277141 | 2.879287 | -.006716 | -.000161 | 3.077432 | 1.589087 | .0035015 |
| #2 | 3.349670 | 2.871696 | -.007146 | -.000264 | 3.076530 | 1.600497 | .0057738 |
| #3 | 3.354917 | 2.904408 | -.006190 | .000349  | 3.115123 | 1.602347 | .0036417 |

Sample Name: I2121-08      Acquired: 3/11/2017 20:45:20      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WY0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .3949723 | .0262409 | .0959660 |
| Stddev | .0031844 | .0003465 | .0001518 |
| %RSD   | .8062237 | 1.320579 | .1581615 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .3914724 | .0266195 | .0958872 |
| #2 | .3957463 | .0261636 | .0958699 |
| #3 | .3976984 | .0259395 | .0961410 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 769.2388 | 1216.834 | 38064.99 | 8470.883 | 1930.204 |
| Stddev    | 1.8023   | 2.341    | 121.73   | 26.695   | 2.326    |
| %RSD      | .2342973 | .1923465 | .3197841 | .3151433 | .1205287 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 767.6059 | 1218.022 | 37975.22 | 8501.196 | 1929.622 |
| #2 | 771.1726 | 1218.342 | 38016.22 | 8450.879 | 1932.766 |
| #3 | 768.9380 | 1214.137 | 38203.54 | 8460.575 | 1928.224 |

Sample Name: I2121-09      Acquired: 3/11/2017 20:49:28      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WY1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0926445 | .0055303 | 17.85564 | .0008286 | .0025768 | 72.04572 | 8.843545 |
| Stddev | .0067839 | .0064622 | .04612   | .0041657 | .0016532 | .21513   | .097281  |
| %RSD   | 7.322491 | 116.8510 | .2582788 | 502.7362 | 64.15706 | .2986012 | 1.100026 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0856799 | .0128726 | 17.83712 | -.001432 | .0009343 | 71.86971 | 8.888738 |
| #2 | .0930216 | .0007066 | 17.82166 | -.001718 | .0025556 | 71.98192 | 8.731887 |
| #3 | .0992320 | .0030118 | 17.90814 | .005636  | .0042405 | 72.28553 | 8.910009 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0085981 | .0730373 | 203.3726 | .1484074 | .2099586 | .4384795 | 175.6573 |
| Stddev | .0001896 | .0004840 | .6145    | .0004652 | .0011620 | .0015482 | .6021    |
| %RSD   | 2.205162 | .6626386 | .3021318 | .3134531 | .5534349 | .3530956 | .3427742 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0086362 | .0726481 | 202.9946 | .1487323 | .2094350 | .4398736 | 175.4262 |
| #2 | .0083923 | .0728845 | 203.0417 | .1486155 | .2091505 | .4368132 | 175.2049 |
| #3 | .0087657 | .0735792 | 204.0816 | .1478745 | .2112902 | .4387518 | 176.3407 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 15.11122 | 93.59938 | .2689677 | -.003440 | .7183217 | .2289550 | 4.851828 |
| Stddev | .05016   | .41642   | .0014993 | .000133  | .0537403 | .0022453 | .022452  |
| %RSD   | .3319187 | .4448918 | .5574376 | 3.853579 | 7.481370 | .9806620 | .4627472 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 15.07304 | 93.31515 | .2675270 | -.003527 | .7797647 | .2299211 | 4.847924 |
| #2 | 15.09260 | 93.40563 | .2705195 | -.003288 | .6800772 | .2305555 | 4.831585 |
| #3 | 15.16803 | 94.07737 | .2688565 | -.003506 | .6951233 | .2263884 | 4.875976 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.627028 | 5.021058 | -.019778 | .0006777 | 5.451648 | 2.191026 | .0073067 |
| Stddev | .041587  | .022843  | .002359  | .0003164 | .029795  | .014877  | .0037338 |
| %RSD   | .6275318 | .4549375 | 11.92844 | 46.68564 | .5465283 | .6789829 | 51.10071 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.582794 | 4.994682 | -.018193 | .0006088 | 5.422295 | 2.178149 | .0030398 |
| #2 | 6.665330 | 5.034387 | -.022489 | .0004014 | 5.450783 | 2.187617 | .0089051 |
| #3 | 6.632960 | 5.034106 | -.018651 | .0010228 | 5.481866 | 2.207311 | .0099753 |

Sample Name: I2121-09      Acquired: 3/11/2017 20:49:28      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WY1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .4737743 | .0463897 | .1506697 |
| Stddev | .0031347 | .0004735 | .0005958 |
| %RSD   | .6616496 | 1.020668 | .3954147 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .4713406 | .0458708 | .1500779 |
| #2 | .4726707 | .0465001 | .1506619 |
| #3 | .4773115 | .0467983 | .1512694 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 782.8195 | 1244.678 | 39229.45 | 8799.465 | 1817.329 |
| Stddev    | 4.8813   | 1.031    | 69.84    | 36.571   | 4.013    |
| %RSD      | .6235576 | .0828686 | .1780333 | .4156042 | .2208388 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 778.6166 | 1243.522 | 39155.21 | 8808.277 | 1818.777 |
| #2 | 788.1735 | 1245.504 | 39239.31 | 8830.825 | 1820.417 |
| #3 | 781.6683 | 1245.008 | 39293.84 | 8759.293 | 1812.792 |

Sample Name: I2121-13      Acquired: 3/11/2017 20:53:39      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WY3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0534963 | -.000785 | 8.511201 | -.002196 | .0020972 | 37.48625 | 7.387971 |
| Stddev | .0045172 | .003273  | .092141  | .003357  | .0032486 | .17346   | .054049  |
| %RSD   | 8.443866 | 416.8278 | 1.082584 | 152.8778 | 154.9001 | .4627180 | .7315797 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0587122 | -.000577 | 8.453334 | .001620  | .0002486 | 37.57551 | 7.449938 |
| #2 | .0508630 | .002379  | 8.462814 | -.004692 | .0058483 | 37.59689 | 7.350561 |
| #3 | .0509138 | -.004157 | 8.617456 | -.003515 | .0001948 | 37.28634 | 7.363414 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0045756 | .0304830 | 113.9122 | .0928202 | .0996848 | .2257191 | 103.2683 |
| Stddev | .0000909 | .0002504 | .1811    | .0011748 | .0013458 | .0011824 | .2488    |
| %RSD   | 1.986936 | .8216161 | .1590121 | 1.265655 | 1.350029 | .5238250 | .2408947 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0044976 | .0302152 | 113.9628 | .0934695 | .0986431 | .2265179 | 103.1416 |
| #2 | .0045537 | .0305223 | 114.0627 | .0914641 | .0992070 | .2262786 | 103.5549 |
| #3 | .0046755 | .0307115 | 113.7112 | .0935270 | .1012043 | .2243608 | 103.1084 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.379821 | 56.70481 | .1153982 | -.002128 | .3942849 | .1403042 | 2.280861 |
| Stddev | .020406  | .14255   | .0014699 | .000059  | .1152995 | .0016265 | .017468  |
| %RSD   | .2765103 | .2513917 | 1.273758 | 2.791635 | 29.24268 | 1.159257 | .7658456 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.363154 | 56.71938 | .1141449 | -.002091 | .5269262 | .1394155 | 2.263586 |
| #2 | 7.402579 | 56.83952 | .1150338 | -.002097 | .3180308 | .1393156 | 2.280481 |
| #3 | 7.373732 | 56.55554 | .1170161 | -.002196 | .3378976 | .1421814 | 2.298516 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.583004 | 2.139614 | -.006167 | .0008362 | 2.730151 | 1.794394 | .0241262 |
| Stddev | .053869  | .015995  | .001441  | .0006303 | .042178  | .004340  | .0045763 |
| %RSD   | 2.085535 | .7475785 | 23.36581 | 75.37292 | 1.544892 | .2418506 | 18.96813 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.595496 | 2.123769 | -.007830 | .0001251 | 2.688047 | 1.798071 | .0262955 |
| #2 | 2.629530 | 2.139318 | -.005276 | .0010578 | 2.730002 | 1.789607 | .0272145 |
| #3 | 2.523986 | 2.155756 | -.005396 | .0013258 | 2.772403 | 1.795505 | .0188687 |

Sample Name: I2121-13      Acquired: 3/11/2017 20:53:39      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MG9WY3      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .4172890 | .0284753 | .1063849 |
| Stddev | .0018677 | .0003798 | .0005284 |
| %RSD   | .4475899 | 1.333870 | .4966850 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .4172259 | .0287284 | .1066530 |
| #2 | .4191875 | .0286590 | .1067256 |
| #3 | .4154536 | .0280385 | .1057762 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 761.3976 | 1198.695 | 37612.49 | 8297.601 | 1919.132 |
| Stddev    | 3.7357   | 7.355    | 107.91   | 16.615   | 16.123   |
| %RSD      | .4906375 | .6136029 | .2868867 | .2002431 | .8401048 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 765.1800 | 1203.235 | 37731.80 | 8282.298 | 1929.785 |
| #2 | 761.3025 | 1202.641 | 37583.94 | 8295.232 | 1927.029 |
| #3 | 757.7104 | 1190.209 | 37521.73 | 8315.274 | 1900.584 |

Sample Name: I2121-14      Acquired: 3/11/2017 20:57:50      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WY4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0463338 | .0000606 | 5.961744 | .0024351 | .0002619 | 24.79009 | 3.232215 |
| Stddev | .0089919 | .0042638 | .003229  | .0058760 | .0017275 | .06831   | .005954  |
| %RSD   | 19.40670 | 7037.530 | .0541651 | 241.3032 | 659.6276 | .2755670 | .1842178 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0526517 | .0020559 | 5.960568 | .0091937 | -.001565 | 24.83493 | 3.238479 |
| #2 | .0360392 | -.004835 | 5.959267 | -.001463 | .000482  | 24.71147 | 3.226628 |
| #3 | .0503105 | .002961  | 5.965396 | -.000425 | .001869  | 24.82388 | 3.231538 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0034817 | .0213788 | 62.01556 | .0811125 | .0700887 | .1553018 | 77.29401 |
| Stddev | .0001182 | .0000947 | .08878   | .0009375 | .0001175 | .0008854 | .04758   |
| %RSD   | 3.393974 | .4431073 | .1431562 | 1.155765 | .1676460 | .5701057 | .0615615 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0034847 | .0214391 | 62.06799 | .0820605 | .0699716 | .1543795 | 77.30675 |
| #2 | .0033621 | .0214276 | 61.91306 | .0801859 | .0700877 | .1553809 | 77.24136 |
| #3 | .0035984 | .0212696 | 62.06565 | .0810912 | .0702066 | .1561450 | 77.33393 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.727128 | 30.66405 | .0808959 | -.001578 | .2722200 | .1105653 | 1.694401 |
| Stddev | .010681  | .09804   | .0009954 | .000185  | .1067233 | .0030589 | .003010  |
| %RSD   | .2259579 | .3197137 | 1.230489 | 11.72771 | 39.20478 | 2.766642 | .1776702 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.733635 | 30.55221 | .0797688 | -.001373 | .2868501 | .1129656 | 1.694464 |
| #2 | 4.714800 | 30.70482 | .0812644 | -.001733 | .3708735 | .1071210 | 1.691359 |
| #3 | 4.732948 | 30.73513 | .0816546 | -.001628 | .1589365 | .1116091 | 1.697378 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.247800 | 1.535599 | -.006761 | .0007692 | 1.392317 | 1.282459 | .0025386 |
| Stddev | .035495  | .010160  | .001659  | .0005007 | .007345  | .004044  | .0013736 |
| %RSD   | 2.844642 | .6616593 | 24.54248 | 65.08551 | .5275461 | .3153241 | 54.10877 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.206958 | 1.531740 | -.007921 | .0007450 | 1.384941 | 1.285392 | .0035736 |
| #2 | 1.271200 | 1.527934 | -.004860 | .0002811 | 1.392378 | 1.277846 | .0030620 |
| #3 | 1.265241 | 1.547124 | -.007501 | .0012816 | 1.399631 | 1.284139 | .0009802 |

Sample Name: I2121-14      Acquired: 3/11/2017 20:57:50      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WY4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .3554087 | .0188165 | .0543985 |
| Stddev | .0006534 | .0003018 | .0001573 |
| %RSD   | .1838338 | 1.604006 | .2891617 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .3557588 | .0190369 | .0543647 |
| #2 | .3546549 | .0184725 | .0542609 |
| #3 | .3558124 | .0189402 | .0545700 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 764.9783 | 1207.665 | 37596.09 | 8209.160 | 1996.598 |
| Stddev    | 3.1268   | 1.974    | 51.12    | 23.162   | 3.239    |
| %RSD      | .4087411 | .1634441 | .1359808 | .2821489 | .1622247 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 766.0877 | 1208.059 | 37538.63 | 8218.064 | 1995.375 |
| #2 | 767.3992 | 1209.411 | 37636.56 | 8226.549 | 2000.271 |
| #3 | 761.4481 | 1205.523 | 37613.07 | 8182.867 | 1994.149 |

Sample Name: I2121-15      Acquired: 3/11/2017 21:01:53      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WY5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0701182 | .0060675 | 16.50477 | .0013897 | .0038358 | 68.52169 | 10.78714 |
| Stddev | .0033883 | .0021155 | .15883   | .0109052 | .0032364 | 1.88150  | .28332   |
| %RSD   | 4.832274 | 34.86635 | .9623044 | 784.7243 | 84.37368 | 2.745850 | 2.626501 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0740275 | .0085088 | 16.42350 | .0052148 | .0058094 | 70.57478 | 11.10532 |
| #2 | .0683002 | .0049212 | 16.40302 | -.010913 | .0055973 | 68.11051 | 10.69396 |
| #3 | .0680269 | .0047726 | 16.68778 | .009867  | .0001007 | 66.87978 | 10.56215 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0075467 | .0580759 | 180.6908 | .1164408 | .1878916 | .4143207 | 160.8560 |
| Stddev | .0002154 | .0006751 | 5.0532   | .0017912 | .0011760 | .0109888 | 4.5638   |
| %RSD   | 2.853708 | 1.162510 | 2.796604 | 1.538330 | .6258860 | 2.652240 | 2.837196 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0077885 | .0575470 | 186.4141 | .1145555 | .1873593 | .4269118 | 165.9201 |
| #2 | .0074760 | .0578444 | 178.8131 | .1166469 | .1870760 | .4093856 | 159.5864 |
| #3 | .0073756 | .0588364 | 176.8452 | .1181201 | .1892397 | .4066646 | 157.0614 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.17493 | 88.76613 | .2112266 | -.002052 | .6195836 | .2173344 | 3.869378 |
| Stddev | .38981   | 2.60700  | .0027572 | .000198  | .0696736 | .0097458 | .042773  |
| %RSD   | 2.750032 | 2.936936 | 1.305339 | 9.664645 | 11.24522 | 4.484238 | 1.105426 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 14.61013 | 91.65072 | .2102918 | -.001835 | .6997490 | .2285486 | 3.820150 |
| #2 | 14.05682 | 88.06940 | .2090583 | -.002223 | .5736237 | .2109135 | 3.890525 |
| #3 | 13.85782 | 86.57829 | .2143297 | -.002099 | .5853782 | .2125412 | 3.897458 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.046134 | 3.670760 | -.011042 | .0005798 | 5.151719 | 2.343820 | .0817582 |
| Stddev | .265765  | .050873  | .002162  | .0007683 | .056964  | .064808  | .0022000 |
| %RSD   | 4.395613 | 1.385887 | 19.57766 | 132.5090 | 1.105731 | 2.765054 | 2.690860 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.350328 | 3.667524 | -.008573 | .0006073 | 5.146816 | 2.416325 | .0840364 |
| #2 | 5.929112 | 3.621583 | -.011957 | -.000202 | 5.097364 | 2.323607 | .0815926 |
| #3 | 5.858962 | 3.723173 | -.012596 | .001334  | 5.210976 | 2.291527 | .0796457 |

Sample Name: I2121-15      Acquired: 3/11/2017 21:01:53      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WY5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .4971451 | .0533825 | .1536298 |
| Stddev | .0109538 | .0013513 | .0042999 |
| %RSD   | 2.203350 | 2.531258 | 2.798899 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .5093474 | .0546735 | .1584491 |
| #2 | .4939273 | .0534960 | .1522545 |
| #3 | .4881605 | .0519781 | .1501857 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 783.4786 | 1221.283 | 38927.03 | 8419.508 | 1828.686 |
| Stddev    | 8.2316   | 7.154    | 307.33   | 234.842  | 14.723   |
| %RSD      | 1.050644 | .5858063 | .7894904 | 2.789260 | .8050969 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 792.5663 | 1225.305 | 39281.80 | 8157.490 | 1836.168 |
| #2 | 776.5224 | 1225.521 | 38742.22 | 8490.014 | 1838.165 |
| #3 | 781.3472 | 1213.023 | 38757.08 | 8611.020 | 1811.725 |

Sample Name: I2121-16      Acquired: 3/11/2017 21:06:04      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WY6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0362675 | -.002068 | 3.334673 | .0009314 | .0011524 | 14.30999 | 1.389676 |
| Stddev | .0033698 | .001387  | .018147  | .0014239 | .0018615 | .05466   | .001651  |
| %RSD   | 9.291442 | 67.08693 | .5441884 | 152.8747 | 161.5293 | .3819426 | .1188077 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0329907 | -.003422 | 3.321759 | .0003184 | -.000909 | 14.25547 | 1.388478 |
| #2 | .0360887 | -.000649 | 3.326839 | .0025592 | .001655  | 14.30972 | 1.391560 |
| #3 | .0397231 | -.002132 | 3.355421 | -.000083 | .002711  | 14.36478 | 1.388991 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0021714 | .0124639 | 28.52929 | .0953028 | .0485600 | .0745953 | 64.75390 |
| Stddev | .0000677 | .0000272 | .07429   | .0004532 | .0006070 | .0014183 | .12408   |
| %RSD   | 3.119621 | .2180210 | .2604054 | .4755491 | 1.249910 | 1.901308 | .1916130 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0021495 | .0124451 | 28.49442 | .0955495 | .0490497 | .0753532 | 64.69026 |
| #2 | .0022474 | .0124951 | 28.47885 | .0947797 | .0478809 | .0754736 | 64.67455 |
| #3 | .0021174 | .0124516 | 28.61460 | .0955791 | .0487493 | .0729591 | 64.89688 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.178009 | 13.28754 | .0512623 | -.001711 | .2711199 | .1164520 | 1.200666 |
| Stddev | .009221  | .11623   | .0001768 | .000172  | .0656549 | .0017206 | .004042  |
| %RSD   | .2901598 | .8747135 | .3449053 | 10.02460 | 24.21620 | 1.477520 | .3366802 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.172078 | 13.15536 | .0512899 | -.001677 | .3457948 | .1149003 | 1.205333 |
| #2 | 3.173317 | 13.33349 | .0510733 | -.001559 | .2451098 | .1161532 | 1.198430 |
| #3 | 3.188633 | 13.37376 | .0514236 | -.001897 | .2224550 | .1183024 | 1.198237 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.184469 | 1.117460 | -.008690 | .0006260 | .5755435 | .7385375 | .0044062 |
| Stddev | .006894  | .002808  | .000292  | .0003863 | .0073467 | .0019835 | .0028785 |
| %RSD   | 3.737148 | .2512830 | 3.362162 | 61.70436 | 1.276486 | .2685728 | 65.32863 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.176516 | 1.116729 | -.008989 | .0007589 | .5757862 | .7388670 | .0065399 |
| #2 | -.188136 | 1.115089 | -.008675 | .0001909 | .5680784 | .7364099 | .0055466 |
| #3 | -.188754 | 1.120561 | -.008405 | .0009284 | .5827658 | .7403357 | .0011322 |

Sample Name: I2121-16      Acquired: 3/11/2017 21:06:04      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MG9WY6      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .3053452 | .0070769 | .0263436 |
| Stddev | .0031142 | .0005381 | .0000610 |
| %RSD   | 1.019884 | 7.603740 | .2317242 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .3052297 | .0071168 | .0262739 |
| #2 | .3022904 | .0075939 | .0263874 |
| #3 | .3085156 | .0065199 | .0263696 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 751.5705 | 1189.210 | 37107.81 | 8045.643 | 2036.294 |
| Stddev    | 4.4132   | 3.650    | 110.21   | 31.511   | 6.942    |
| %RSD      | .5871923 | .3069015 | .2969970 | .3916496 | .3408967 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 746.6267 | 1188.832 | 36985.07 | 8046.051 | 2038.064 |
| #2 | 755.1124 | 1193.034 | 37140.05 | 8076.948 | 2042.180 |
| #3 | 752.9724 | 1185.765 | 37198.30 | 8013.931 | 2028.639 |

Sample Name: I2121-17      Acquired: 3/11/2017 21:10:09      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WY7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0352676 | .0038922 | 5.037025 | -.002907 | .0002179 | 21.53698 | 2.945038 |
| Stddev | .0058497 | .0024615 | .031716  | .002758  | .0022247 | .04484   | .001590  |
| %RSD   | 16.58675 | 63.24109 | .6296581 | 94.85922 | 1020.780 | .2081842 | .0540002 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0316123 | .0024661 | 5.036272 | -.000085 | .0019828 | 21.51514 | 2.943255 |
| #2 | .0420145 | .0067345 | 5.005692 | -.005596 | -.002281 | 21.58855 | 2.945548 |
| #3 | .0321761 | .0024761 | 5.069110 | -.003041 | .000952  | 21.50725 | 2.946311 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0029471 | .0169312 | 57.20125 | .0835429 | .0612288 | .1211014 | 70.94177 |
| Stddev | .0001401 | .0002197 | .22023   | .0001192 | .0003225 | .0015846 | .29858   |
| %RSD   | 4.752656 | 1.297349 | .3850087 | .1427068 | .5266710 | 1.308469 | .4208767 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0027859 | .0169198 | 56.97061 | .0836639 | .0610745 | .1221240 | 70.75415 |
| #2 | .0030161 | .0167174 | 57.40933 | .0834255 | .0610125 | .1192761 | 71.28607 |
| #3 | .0030392 | .0171563 | 57.22381 | .0835393 | .0615994 | .1219041 | 70.78509 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.011328 | 28.01875 | .0692894 | -.001687 | .2397660 | .1056042 | 1.427869 |
| Stddev | .010178  | .05018   | .0008389 | .000354  | .1015376 | .0021494 | .009737  |
| %RSD   | .2537348 | .1790923 | 1.210660 | 20.96943 | 42.34862 | 2.035360 | .6819243 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.007995 | 28.05453 | .0690163 | -.001292 | .2312013 | .1034937 | 1.438983 |
| #2 | 4.022755 | 28.04033 | .0686210 | -.001796 | .3453147 | .1077905 | 1.420838 |
| #3 | 4.003235 | 27.96139 | .0702307 | -.001974 | .1427821 | .1055285 | 1.423787 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6051768 | 1.379324 | -.006032 | -.000166 | 1.200104 | 1.209077 | .0103345 |
| Stddev | .0209443 | .010224  | .001800  | .000541  | .016546  | .006200  | .0010443 |
| %RSD   | 3.460849 | .7412082 | 29.84727 | 325.2929 | 1.378681 | .5127973 | 10.10458 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5816074 | 1.379115 | -.004113 | .000378  | 1.204319 | 1.202958 | .0111924 |
| #2 | .6216545 | 1.369206 | -.007684 | -.000703 | 1.181859 | 1.208918 | .0106393 |
| #3 | .6122684 | 1.389650 | -.006298 | -.000174 | 1.214135 | 1.215355 | .0091718 |

Sample Name: I2121-17      Acquired: 3/11/2017 21:10:09      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MG9WY7      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .3474608 | .0116150 | .0498713 |
| Stddev | .0017924 | .0000832 | .0000479 |
| %RSD   | .5158511 | .7164249 | .0961102 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .3465280 | .0116707 | .0498169 |
| #2 | .3463272 | .0115194 | .0498902 |
| #3 | .3495273 | .0116551 | .0499070 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 755.3919 | 1197.800 | 37272.17 | 8111.431 | 2001.765 |
| Stddev    | 7.3011   | 1.537    | 156.20   | 21.319   | 8.343    |
| %RSD      | .9665338 | .1282842 | .4190840 | .2628269 | .4167800 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 748.3598 | 1198.538 | 37092.46 | 8135.806 | 2002.417 |
| #2 | 754.8807 | 1198.829 | 37348.64 | 8096.260 | 2009.763 |
| #3 | 762.9352 | 1196.034 | 37375.40 | 8102.227 | 1993.115 |

Sample Name: I2121-18      Acquired: 3/11/2017 21:14:13      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WY8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0793386 | .0002331 | 16.23919 | .0020145 | -.000188 | 63.03919 | 8.618465 |
| Stddev | .0064614 | .0012379 | .26940   | .0058304 | .001261  | .07188   | .089892  |
| %RSD   | 8.144084 | 531.0928 | 1.658938 | 289.4177 | 671.9876 | .1140210 | 1.043015 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0718845 | .0014464 | 16.27506 | -.001976 | -.001120 | 62.99702 | 8.514824 |
| #2 | .0833426 | -.001028 | 15.95365 | -.000686 | -.000690 | 63.12218 | 8.675237 |
| #3 | .0827887 | .000281  | 16.48886 | .008706  | .001247  | 62.99835 | 8.665333 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0074348 | .0551109 | 190.4646 | .1230671 | .1905550 | .3836788 | 160.6328 |
| Stddev | .0001023 | .0005808 | .9503    | .0006278 | .0032515 | .0023072 | .4404    |
| %RSD   | 1.375855 | 1.053907 | .4989243 | .5101450 | 1.706311 | .6013236 | .2741428 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0075525 | .0550787 | 189.5018 | .1223741 | .1917166 | .3863012 | 160.1691 |
| #2 | .0073668 | .0545469 | 191.4018 | .1235980 | .1868823 | .3827736 | 161.0454 |
| #3 | .0073852 | .0557072 | 190.4901 | .1232292 | .1930661 | .3819614 | 160.6839 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.16872 | 91.99915 | .2187093 | -.003376 | .6204137 | .2115332 | 4.018301 |
| Stddev | .05178   | .34063   | .0029115 | .000307  | .0357318 | .0016973 | .022553  |
| %RSD   | .3654270 | .3702535 | 1.331225 | 9.106582 | 5.759356 | .8023733 | .5612523 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 14.11510 | 91.66273 | .2198339 | -.003024 | .6068644 | .2101675 | 4.012900 |
| #2 | 14.21843 | 92.34384 | .2154032 | -.003517 | .5934382 | .2134334 | 4.043063 |
| #3 | 14.17263 | 91.99087 | .2208907 | -.003588 | .6609386 | .2109987 | 3.998939 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.195668 | 3.986414 | -.017445 | .0011567 | 4.360655 | 2.391783 | .1023623 |
| Stddev | .004042  | .064392  | .001249  | .0005094 | .076541  | .006835  | .0007007 |
| %RSD   | .0777920 | 1.615284 | 7.159347 | 44.03758 | 1.755262 | .2857722 | .6845747 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.199145 | 3.998673 | -.016004 | .0005831 | 4.336709 | 2.387937 | .1028279 |
| #2 | 5.196625 | 3.916773 | -.018227 | .0013309 | 4.298950 | 2.387738 | .1027026 |
| #3 | 5.191233 | 4.043795 | -.018102 | .0015561 | 4.446306 | 2.399675 | .1015564 |

Sample Name: I2121-18      Acquired: 3/11/2017 21:14:13      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MG9WY8      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .4542987 | .0402972 | .1387137 |
| Stddev | .0019245 | .0002709 | .0002976 |
| %RSD   | .4236286 | .6723039 | .2145477 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .4527646 | .0400274 | .1390319 |
| #2 | .4564582 | .0402950 | .1386669 |
| #3 | .4536733 | .0405692 | .1384423 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 772.5299 | 1234.762 | 38465.46 | 8620.287 | 1839.496 |
| Stddev    | 5.4246   | 16.717   | 175.28   | 21.257   | 28.547   |
| %RSD      | .7021869 | 1.353896 | .4556774 | .2465921 | 1.551881 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 775.0656 | 1230.864 | 38438.40 | 8643.503 | 1834.878 |
| #2 | 766.3018 | 1253.083 | 38305.29 | 8615.580 | 1870.070 |
| #3 | 776.2224 | 1220.337 | 38652.70 | 8601.778 | 1813.540 |

Sample Name: I2121-19      Acquired: 3/11/2017 21:18:24      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WY9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0830586 | .0015867 | 3.146887 | .0011808 | .0034170 | 12.25832 | .7275392 |
| Stddev | .0035851 | .0039159 | .014447  | .0030887 | .0006236 | .06144   | .0012955 |
| %RSD   | 4.316395 | 246.7911 | .4590834 | 261.5762 | 18.24889 | .5012334 | .1780586 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0871409 | -.002859 | 3.141060 | -.002376 | .0035322 | 12.27063 | .7260926 |
| #2 | .0816127 | .004524  | 3.136263 | .002736  | .0027439 | 12.19165 | .7279329 |
| #3 | .0804221 | .003095  | 3.163337 | .003183  | .0039750 | 12.31267 | .7285922 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0041674 | .0155736 | 7.331148 | .1895662 | .0828726 | .0764262 | 158.5715 |
| Stddev | .0001476 | .0000592 | .016890  | .0007425 | .0000591 | .0021533 | .7605    |
| %RSD   | 3.540916 | .3798862 | .2303847 | .3916907 | .0713125 | 2.817490 | .4795702 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0042235 | .0156071 | 7.320590 | .1894417 | .0828056 | .0767560 | 158.2277 |
| #2 | .0040000 | .0156084 | 7.322227 | .1903631 | .0828948 | .0783956 | 158.0437 |
| #3 | .0042787 | .0155053 | 7.350628 | .1888938 | .0829174 | .0741271 | 159.4431 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.729185 | 3.664251 | .0919140 | -.005127 | .3561350 | .3035109 | 2.086298 |
| Stddev | .011414  | .059558  | .0006310 | .000152  | .0649774 | .0047602 | .006272  |
| %RSD   | .3060765 | 1.625370 | .6864515 | 2.972392 | 18.24515 | 1.568367 | .3006186 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.729220 | 3.616123 | .0912358 | -.005267 | .2813375 | .3030519 | 2.086908 |
| #2 | 3.717754 | 3.730858 | .0924836 | -.005150 | .3884296 | .2989968 | 2.092243 |
| #3 | 3.740582 | 3.645772 | .0920226 | -.004964 | .3986380 | .3084839 | 2.079744 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.718094 | 2.093604 | -.023869 | .0020440 | .1038157 | .8958230 | .0054552 |
| Stddev | .015516  | .011088  | .000332  | .0005270 | .0015931 | .0040032 | .0025085 |
| %RSD   | 2.160671 | .5296241 | 1.390070 | 25.78288 | 1.534550 | .4468701 | 45.98405 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.709985 | 2.088582 | -.024117 | .0022839 | .1047906 | .8978082 | .0082018 |
| #2 | -.708313 | 2.085915 | -.023492 | .0024083 | .1019772 | .8912152 | .0048784 |
| #3 | -.735984 | 2.106314 | -.023999 | .0014397 | .1046792 | .8984456 | .0032853 |

Sample Name: I2121-19      Acquired: 3/11/2017 21:18:24      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MG9WY9      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .4189324 | .0023607 | .0085721 |
| Stddev | .0014009 | .0002129 | .0000504 |
| %RSD   | .3343876 | 9.019860 | .5880824 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .4200831 | .0025440 | .0085919 |
| #2 | .4173725 | .0021271 | .0085148 |
| #3 | .4193416 | .0024111 | .0086096 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 773.8628 | 1227.533 | 38058.70 | 8261.533 | 2063.264 |
| Stddev    | 1.8636   | 4.507    | 113.08   | 9.084    | 8.110    |
| %RSD      | .2408156 | .3671710 | .2971187 | .1099536 | .3930521 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 773.0943 | 1230.661 | 37965.74 | 8257.209 | 2068.958 |
| #2 | 772.5063 | 1229.572 | 38025.77 | 8271.971 | 2066.856 |
| #3 | 775.9877 | 1222.367 | 38184.59 | 8255.418 | 2053.979 |

Sample Name: I2121-20      Acquired: 3/11/2017 21:22:29      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WZ0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0639519 | .0026282 | 1.947470 | .0021020 | .0014060 | 6.897694 | .3289939 |
| Stddev | .0046787 | .0034805 | .011526  | .0072205 | .0014485 | .027147  | .0008549 |
| %RSD   | 7.315925 | 132.4296 | .5918484 | 343.5035 | 103.0213 | .3935735 | .2598558 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0586740 | .0000259 | 1.939477 | -.001527 | .0027182 | 6.867437 | .3294286 |
| #2 | .0655916 | .0012770 | 1.942250 | .010417  | .0016482 | 6.905726 | .3280090 |
| #3 | .0675899 | .0065816 | 1.960682 | -.002584 | -.000148 | 6.919919 | .3295441 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0025984 | .0089461 | 8.278476 | .1254230 | .0450649 | .0454037 | 97.44794 |
| Stddev | .0000681 | .0001651 | .001665  | .0017621 | .0005299 | .0007280 | .14676   |
| %RSD   | 2.619956 | 1.845959 | .0201129 | 1.404953 | 1.175928 | 1.603447 | .1505984 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0026439 | .0088206 | 8.279788 | .1235928 | .0448746 | .0455543 | 97.29308 |
| #2 | .0026312 | .0088846 | 8.276603 | .1255680 | .0446564 | .0446121 | 97.46579 |
| #3 | .0025202 | .0091332 | 8.279037 | .1271081 | .0456637 | .0460446 | 97.58495 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.695052 | 3.754333 | .0621479 | -.003275 | .2060425 | .1821015 | 1.214614 |
| Stddev | .004239  | .016572  | .0005278 | .000196  | .0987662 | .0048715 | .010143  |
| %RSD   | .2500778 | .4413981 | .8492082 | 5.977993 | 47.93489 | 2.675142 | .8351003 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.690159 | 3.735201 | .0620385 | -.003478 | .1597859 | .1774240 | 1.208755 |
| #2 | 1.697594 | 3.763622 | .0616835 | -.003087 | .1388933 | .1817343 | 1.208760 |
| #3 | 1.697404 | 3.764177 | .0627218 | -.003261 | .3194482 | .1871462 | 1.226326 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -1.08658 | 1.397839 | -.018164 | .0000499 | .1321137 | .6712738 | .0034174 |
| Stddev | .02917   | .012930  | .001181  | .0008948 | .0126579 | .0027013 | .0004531 |
| %RSD   | 2.684187 | .9250272 | 6.501205 | 1792.507 | 9.581086 | .4024185 | 13.25891 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -1.10507 | 1.395419 | -.018511 | -.000151 | .1212193 | .6737400 | .0030593 |
| #2 | -1.05296 | 1.386290 | -.016849 | -.000728 | .1291223 | .6683867 | .0032662 |
| #3 | -1.10171 | 1.411809 | -.019133 | .001028  | .1459993 | .6716946 | .0039268 |

Sample Name: I2121-20      Acquired: 3/11/2017 21:22:29      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WZ0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .3377348 | .0001734 | .0072317 |
| Stddev | .0017853 | .0001272 | .0000684 |
| %RSD   | .5285975 | 73.36963 | .9454962 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .3375541 | .0001091 | .0073104 |
| #2 | .3360468 | .0003199 | .0071980 |
| #3 | .3396036 | .0000911 | .0071868 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 765.3017 | 1210.953 | 37589.16 | 8104.756 | 2083.032 |
| Stddev    | .5678    | 6.147    | 215.51   | 14.836   | 4.773    |
| %RSD      | .0741912 | .5076291 | .5733373 | .1830473 | .2291457 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 765.5573 | 1210.914 | 37685.38 | 8092.875 | 2081.813 |
| #2 | 765.6967 | 1217.120 | 37739.80 | 8121.384 | 2088.296 |
| #3 | 764.6510 | 1204.826 | 37342.30 | 8100.010 | 2078.987 |

Sample Name: I2121-21      Acquired: 3/11/2017 21:26:34      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WZ1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0311466 | -.002700 | 1.822809 | -.002493 | .0019263 | 7.892638 | .3977494 |
| Stddev | .0110772 | .000590  | .008646  | .000761  | .0006632 | .034847  | .0015319 |
| %RSD   | 35.56485 | 21.86062 | .4743457 | 30.51221 | 34.42957 | .4415133 | .3851307 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0185321 | -.002510 | 1.815692 | -.003306 | .0021139 | 7.907167 | .3994678 |
| #2 | .0392871 | -.003362 | 1.820304 | -.001799 | .0024755 | 7.852878 | .3965269 |
| #3 | .0356205 | -.002229 | 1.832431 | -.002372 | .0011895 | 7.917870 | .3972535 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0018647 | .0067325 | 13.10254 | .0899473 | .0306060 | .0388420 | 60.03960 |
| Stddev | .0001672 | .0002350 | .05026   | .0007693 | .0000645 | .0011250 | .18066   |
| %RSD   | 8.968108 | 3.490091 | .3835923 | .8553091 | .2106413 | 2.896361 | .3009092 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0016852 | .0067217 | 13.15010 | .0896810 | .0306008 | .0375498 | 60.23521 |
| #2 | .0020161 | .0065031 | 13.10755 | .0893465 | .0305443 | .0396033 | 59.87901 |
| #3 | .0018927 | .0069727 | 13.04996 | .0908144 | .0306730 | .0393728 | 60.00458 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.281001 | 6.780882 | .0355512 | -.001660 | .1600410 | .1210186 | .8205917 |
| Stddev | .005002  | .015020  | .0003689 | .000207  | .0555876 | .0030321 | .0030728 |
| %RSD   | .3904481 | .2215073 | 1.037565 | 12.45067 | 34.73336 | 2.505500 | .3744628 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.284466 | 6.798071 | .0358897 | -.001515 | .1490275 | .1237368 | .8212322 |
| #2 | 1.275267 | 6.774285 | .0351581 | -.001569 | .2203110 | .1177484 | .8172491 |
| #3 | 1.283270 | 6.770289 | .0356060 | -.001897 | .1107845 | .1215705 | .8232937 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.824025 | .8846492 | -.010563 | .0004172 | .1471707 | .8628472 | -.000622 |
| Stddev | .015341  | .0096404 | .000618  | .0004288 | .0112324 | .0028361 | .001442  |
| %RSD   | 1.861696 | 1.089746 | 5.852777 | 102.7797 | 7.632254 | .3286894 | 231.7487 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.841029 | .8860554 | -.011277 | .0008281 | .1414099 | .8599213 | .000595  |
| #2 | -.819824 | .8743829 | -.010200 | -.000028 | .1399875 | .8630364 | -.002214 |
| #3 | -.811222 | .8935093 | -.010211 | .000451  | .1601148 | .8655840 | -.000247 |

Sample Name: I2121-21      Acquired: 3/11/2017 21:26:34      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WZ1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .3091720 | .0017771 | .0116655 |
| Stddev | .0018544 | .0001901 | .0000536 |
| %RSD   | .5997845 | 10.69507 | .4594467 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .3095445 | .0016476 | .0117042 |
| #2 | .3071596 | .0016884 | .0116044 |
| #3 | .3108118 | .0019953 | .0116880 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 762.6621 | 1205.063 | 37354.48 | 8022.980 | 2091.959 |
| Stddev    | 2.5022   | 3.595    | 116.24   | 5.293    | 6.972    |
| %RSD      | .3280902 | .2983523 | .3111823 | .0659670 | .3332904 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 761.1453 | 1202.665 | 37321.69 | 8017.183 | 2087.895 |
| #2 | 765.5502 | 1209.197 | 37483.59 | 8027.553 | 2100.010 |
| #3 | 761.2908 | 1203.327 | 37258.15 | 8024.206 | 2087.973 |

Sample Name: I2121-22      Acquired: 3/11/2017 21:30:38      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WZ2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0274967 | .0003815 | 4.447126 | .0045702 | .0017532 | 18.61554 | 3.380398 |
| Stddev | .0087165 | .0045432 | .084935  | .0022375 | .0010348 | .06039   | .002896  |
| %RSD   | 31.70018 | 1191.009 | 1.909889 | 48.95944 | 59.02295 | .3244013 | .0856682 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0232938 | .0050807 | 4.471958 | .0054978 | .0028012 | 18.57935 | 3.378802 |
| #2 | .0216780 | -.003988 | 4.516878 | .0020180 | .0007322 | 18.58202 | 3.378652 |
| #3 | .0375183 | .000051  | 4.352543 | .0061947 | .0017262 | 18.68526 | 3.383741 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0025329 | .0140282 | 74.18937 | .0946353 | .0522354 | .1084960 | 63.17137 |
| Stddev | .0000688 | .0002891 | .32295   | .0012303 | .0011179 | .0013890 | .31227   |
| %RSD   | 2.715858 | 2.061032 | .4353024 | 1.300007 | 2.140016 | 1.280247 | .4943169 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0025959 | .0141440 | 74.11481 | .0949502 | .0526258 | .1099551 | 63.21283 |
| #2 | .0024595 | .0142415 | 73.91023 | .0956775 | .0531056 | .1071896 | 62.84044 |
| #3 | .0025434 | .0136992 | 74.54308 | .0932782 | .0509747 | .1083434 | 63.46083 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.099154 | 36.64417 | .0770025 | -.001140 | .2010848 | .0898960 | 1.184331 |
| Stddev | .027815  | .23676   | .0011587 | .000437  | .0146554 | .0019839 | .002000  |
| %RSD   | .6785455 | .6461114 | 1.504701 | 38.32299 | 7.288158 | 2.206904 | .1688871 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.097669 | 36.62789 | .0769694 | -.001255 | .1841915 | .0909421 | 1.186598 |
| #2 | 4.072111 | 36.41597 | .0781774 | -.000657 | .2103924 | .0911380 | 1.183579 |
| #3 | 4.127681 | 36.88866 | .0758608 | -.001507 | .2086706 | .0876080 | 1.182816 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5263168 | 1.292680 | -.005081 | .0003509 | 1.308729 | 1.236244 | .0012620 |
| Stddev | .0164627 | .020778  | .000969  | .0005512 | .014745  | .010649  | .0035653 |
| %RSD   | 3.127909 | 1.607361 | 19.06266 | 157.1028 | 1.126680 | .8613843 | 282.5250 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5405321 | 1.300417 | -.004984 | -.000047 | 1.296481 | 1.225207 | .0027367 |
| #2 | .5082792 | 1.308479 | -.004165 | .000119  | 1.325096 | 1.237069 | .0038533 |
| #3 | .5301393 | 1.269143 | -.006094 | .000980  | 1.304610 | 1.246457 | -.002804 |

Sample Name: I2121-22      Acquired: 3/11/2017 21:30:38      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WZ2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .3103999 | .0098889 | .0577279 |
| Stddev | .0015228 | .0001559 | .0002164 |
| %RSD   | .4905774 | 1.576583 | .3747741 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .3119621 | .0100584 | .0576268 |
| #2 | .3103176 | .0097516 | .0575806 |
| #3 | .3089200 | .0098568 | .0579763 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 745.0524 | 1189.985 | 36612.51 | 8036.113 | 1988.610 |
| Stddev    | 4.6731   | 13.370   | 199.22   | 46.583   | 29.635   |
| %RSD      | .6272177 | 1.123580 | .5441397 | .5796665 | 1.490243 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 740.6962 | 1186.226 | 36424.75 | 8064.783 | 1981.489 |
| #2 | 744.4727 | 1178.896 | 36591.27 | 8061.192 | 1963.184 |
| #3 | 749.9883 | 1204.832 | 36821.50 | 7982.364 | 2021.157 |

Sample Name: I2121-23      Acquired: 3/11/2017 21:38:45      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WZ3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7569693 | .0140932 | .3927219 | .1424786 | .5645548 | 16.24914 | .0518592 |
| Stddev | .0034940 | .0044030 | .0029489 | .0031157 | .0044387 | .01192   | .0001573 |
| %RSD   | .4615802 | 31.24224 | .7508967 | 2.186789 | .7862279 | .0733517 | .3032644 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .7609442 | .0173701 | .3939373 | .1404493 | .5692449 | 16.26290 | .0520185 |
| #2 | .7555809 | .0090883 | .3948689 | .1409204 | .5639998 | 16.24253 | .0518552 |
| #3 | .7543830 | .0158213 | .3893595 | .1460660 | .5604197 | 16.24200 | .0517040 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2501099 | .1756633 | 8.978278 | .0296326 | .3251653 | .2825861 | 38.31624 |
| Stddev | .0006731 | .0009969 | .052757  | .0003597 | .0020914 | .0017130 | .04997   |
| %RSD   | .2691309 | .5674804 | .5876025 | 1.213867 | .6431727 | .6061963 | .1304084 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2494225 | .1760939 | 8.921073 | .0299189 | .3260161 | .2839877 | 38.27752 |
| #2 | .2501395 | .1763724 | 9.025017 | .0292289 | .3266972 | .2806766 | 38.37264 |
| #3 | .2507677 | .1745235 | 8.988743 | .0297502 | .3227826 | .2830941 | 38.29854 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3713182 | 54.52686 | .3632450 | .0776684 | 34.52678 | 1.317324 | .0452588 |
| Stddev | .0000748 | .10139   | .0022146 | .0001122 | .14962   | .002664  | .0011234 |
| %RSD   | .0201347 | .1859464 | .6096652 | .1444499 | .4333324 | .2021921 | 2.482076 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .3713013 | 54.48020 | .3656234 | .0775803 | 34.45470 | 1.318275 | .0465532 |
| #2 | .3713999 | 54.45721 | .3628692 | .0777947 | 34.42686 | 1.314316 | .0445388 |
| #3 | .3712533 | 54.64319 | .3612424 | .0776301 | 34.69880 | 1.319382 | .0446843 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.117886 | .1062660 | .0442926 | .0030497 | .5882848 | 1.374766 | .0081775 |
| Stddev | .036652  | .0053912 | .0008659 | .0004814 | .0019478 | .006495  | .0020497 |
| %RSD   | 3.278646 | 5.073275 | 1.955064 | 15.78579 | .3310946 | .4724518 | 25.06479 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.092002 | .1034956 | .0451530 | .0029751 | .5868461 | 1.367890 | .0104236 |
| #2 | 1.159825 | .1028233 | .0443036 | .0035640 | .5905013 | 1.375612 | .0077006 |
| #3 | 1.101830 | .1124791 | .0434212 | .0026099 | .5875069 | 1.380797 | .0064084 |

Sample Name: I2121-23      Acquired: 3/11/2017 21:38:45      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MG9WZ3      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5645171 | .0052380 | .0207549 |
| Stddev | .0007573 | .0003480 | .0000576 |
| %RSD   | .1341518 | 6.643297 | .2775910 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .5652643 | .0056282 | .0207712 |
| #2 | .5637501 | .0049598 | .0208027 |
| #3 | .5645370 | .0051259 | .0206909 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 740.3468 | 1181.706 | 36191.07 | 7842.108 | 1993.804 |
| Stddev    | 3.9915   | 5.574    | 116.60   | 10.985   | 12.789   |
| %RSD      | .5391365 | .4717224 | .3221763 | .1400786 | .6414623 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 739.0030 | 1177.203 | 36062.72 | 7853.950 | 1984.584 |
| #2 | 737.2007 | 1179.973 | 36220.02 | 7840.125 | 1988.422 |
| #3 | 744.8368 | 1187.941 | 36290.47 | 7832.250 | 2008.404 |

Sample Name: I2117-17DLX10      Acquired: 3/11/2017 21:46:53      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WN7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0179580 | -.002632 | 9.331439 | -.005899 | .0005657 | 8.760547 | .6802861 |
| Stddev | .0051325 | .004790  | .038969  | .004894  | .0012493 | .031786  | .0025065 |
| %RSD   | 28.58026 | 182.0321 | .4176151 | 82.95228 | 220.8477 | .3628349 | .3684442 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0156105 | -.002048 | 9.296111 | -.008203 | .0007762 | 8.775485 | .6797771 |
| #2 | .0144192 | .001840  | 9.324966 | -.009215 | -.000775 | 8.724044 | .6780732 |
| #3 | .0238444 | -.007687 | 9.373240 | -.000279 | .001696  | 8.782113 | .6830080 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0013363 | .0165339 | 41.24202 | .0126297 | .0333132 | .2041027 | 26.39633 |
| Stddev | .0001160 | .0002779 | .03368   | .0008448 | .0006015 | .0015416 | .14962   |
| %RSD   | 8.682599 | 1.681058 | .0816661 | 6.688945 | 1.805755 | .7552959 | .5668318 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0014016 | .0163413 | 41.21530 | .0116626 | .0336089 | .2023832 | 26.40416 |
| #2 | .0012024 | .0164078 | 41.23092 | .0130025 | .0337096 | .2053613 | 26.24295 |
| #3 | .0014050 | .0168525 | 41.27986 | .0132240 | .0326210 | .2045635 | 26.54189 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.323422 | 18.83459 | .0429862 | .0001701 | .1454529 | .0225412 | .8212578 |
| Stddev | .010769  | .08696   | .0001695 | .0000525 | .0480343 | .0037156 | .0018872 |
| %RSD   | .4634958 | .4617177 | .3942087 | 30.86905 | 33.02392 | 16.48378 | .2297936 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.322166 | 18.80609 | .0428082 | .0002254 | .0910746 | .0258997 | .8191433 |
| #2 | 2.313336 | 18.76545 | .0431455 | .0001641 | .1821045 | .0185497 | .8218584 |
| #3 | 2.334764 | 18.93222 | .0430048 | .0001209 | .1631797 | .0231741 | .8227715 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4110357 | .4284278 | -.003559 | .0001371 | .4123877 | .2824357 | .0013902 |
| Stddev | .0357963 | .0031404 | .001622  | .0004915 | .0036349 | .0022159 | .0008443 |
| %RSD   | 8.708795 | .7329944 | 45.58288 | 358.5575 | .8814210 | .7845619 | 60.73203 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .3917079 | .4318769 | -.004184 | .0000827 | .4143773 | .2844672 | .0011168 |
| #2 | .3890578 | .4257339 | -.004776 | -.000325 | .4081924 | .2800728 | .0023373 |
| #3 | .4523413 | .4276727 | -.001717 | .000653  | .4145935 | .2827670 | .0007165 |

Sample Name: I2117-17DLX10      Acquired: 3/11/2017 21:46:53      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9WN7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0802209 | .0049987 | .0170679 |
| Stddev | .0022467 | .0003759 | .0000882 |
| %RSD   | 2.800595 | 7.520253 | .5169126 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0805205 | .0052148 | .0170660 |
| #2 | .0778395 | .0052166 | .0171570 |
| #3 | .0823028 | .0045646 | .0169806 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 757.1631 | 1201.232 | 36853.53 | 7872.519 | 2049.976 |
| Stddev    | 4.5096   | 3.616    | 103.73   | 38.973   | 3.878    |
| %RSD      | .5955910 | .3010537 | .2814577 | .4950538 | .1891652 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 753.3909 | 1200.476 | 36751.47 | 7828.265 | 2049.317 |
| #2 | 755.9404 | 1205.166 | 36850.28 | 7901.725 | 2054.142 |
| #3 | 762.1579 | 1198.053 | 36958.85 | 7887.567 | 2046.470 |

Sample Name: I2104-06DLX10      Acquired: 3/11/2017 21:50:58      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0205909 | -.003073 | 9.522404 | -.003532 | .0016718 | 8.876128 | .7042848 |
| Stddev | .0033881 | .006458  | .026490  | .001269  | .0016329 | .014178  | .0009813 |
| %RSD   | 16.45410 | 210.1419 | .2781901 | 35.91537 | 97.67284 | .1597354 | .1393299 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0220443 | -.009968 | 9.552981 | -.003637 | .0020995 | 8.860168 | .7031544 |
| #2 | .0230098 | .002835  | 9.506395 | -.002215 | -.000132 | 8.880948 | .7049180 |
| #3 | .0167186 | -.002087 | 9.507836 | -.004745 | .003048  | 8.887268 | .7047820 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0012497 | .0169174 | 42.50439 | .0124223 | .0336093 | .2130398 | 27.07925 |
| Stddev | .0001276 | .0001258 | .17294   | .0006363 | .0002220 | .0019721 | .15111   |
| %RSD   | 10.21266 | .7436686 | .4068857 | 5.122159 | .6604321 | .9257045 | .5580460 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0013432 | .0169458 | 42.30543 | .0127033 | .0335563 | .2152711 | 26.91256 |
| #2 | .0011043 | .0170267 | 42.61871 | .0116939 | .0338530 | .2115301 | 27.20728 |
| #3 | .0013015 | .0167799 | 42.58903 | .0128697 | .0334187 | .2123181 | 27.11792 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.403371 | 19.54029 | .0448739 | .0002320 | .0817215 | .0242019 | .8468344 |
| Stddev | .008202  | .08257   | .0005884 | .0001283 | .0421916 | .0027457 | .0023195 |
| %RSD   | .3412702 | .4225832 | 1.311250 | 55.29941 | 51.62857 | 11.34510 | .2739010 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.394351 | 19.62453 | .0446954 | .0002097 | .1107831 | .0212031 | .8482768 |
| #2 | 2.405382 | 19.45949 | .0443954 | .0003699 | .1010536 | .0248097 | .8441588 |
| #3 | 2.410381 | 19.53684 | .0455309 | .0001163 | .0333277 | .0265927 | .8480676 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4925768 | .4463769 | -.004191 | -.000027 | .4276965 | .2756312 | .0008329 |
| Stddev | .0372545 | .0025302 | .000468  | .000184  | .0025059 | .0007151 | .0004545 |
| %RSD   | 7.563191 | .5668321 | 11.16435 | 689.6831 | .5858983 | .2594452 | 54.56325 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4689769 | .4472671 | -.003900 | .000096  | .4266054 | .2752131 | .0003304 |
| #2 | .5355245 | .4483418 | -.003943 | -.000239 | .4259211 | .2752235 | .0009534 |
| #3 | .4732289 | .4435219 | -.004731 | .000062  | .4305629 | .2764569 | .0012150 |

Sample Name: I2104-06DLX10      Acquired: 3/11/2017 21:50:58      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0759770 | .0049175 | .0176323 |
| Stddev | .0021625 | .0001701 | .0001198 |
| %RSD   | 2.846215 | 3.459486 | .6791724 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0781414 | .0048355 | .0177466 |
| #2 | .0738165 | .0051131 | .0176426 |
| #3 | .0759732 | .0048039 | .0175078 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 754.2165 | 1199.934 | 36472.96 | 7761.604 | 2045.067 |
| Stddev    | 1.3635   | 4.730    | 68.02    | 24.047   | 8.484    |
| %RSD      | .1807845 | .3941564 | .1865058 | .3098166 | .4148724 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 754.5408 | 1195.228 | 36397.23 | 7735.372 | 2035.458 |
| #2 | 752.7201 | 1199.887 | 36528.86 | 7766.838 | 2048.222 |
| #3 | 755.3886 | 1204.686 | 36492.80 | 7782.603 | 2051.523 |

Sample Name: CCV071      Acquired: 3/11/2017 21:55:04      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV071      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.985879 | 4.768069 | 25.17182 | 4.838499 | 4.798152 | 374.3374 | 9.642913 |
| Stddev | .012503  | .007876  | .02795   | .013098  | .016602  | 1.9403   | .072699  |
| %RSD   | .2507643 | .1651836 | .1110263 | .2707030 | .3460129 | .5183283 | .7539088 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.996561 | 4.759025 | 25.15762 | 4.852253 | 4.780816 | 373.5238 | 9.604595 |
| #2 | 4.972127 | 4.771762 | 25.15383 | 4.837070 | 4.799733 | 372.9364 | 9.597389 |
| #3 | 4.988950 | 4.773421 | 25.20402 | 4.826175 | 4.813908 | 376.5521 | 9.726755 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4946094 | 2.535675 | 395.6641 | 16.35333 | 2.496977 | 14.99892 | 386.0859 |
| Stddev | .0035541 | .002699  | 3.8997   | .04830   | .004319  | .05995   | 3.4061   |
| %RSD   | .7185702 | .1064492 | .9856181 | .2953387 | .1729734 | .3996623 | .8822253 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4922643 | 2.538768 | 392.4566 | 16.35615 | 2.496632 | 14.98338 | 383.6221 |
| #2 | .4928653 | 2.534461 | 394.5308 | 16.40016 | 2.492841 | 14.94827 | 384.6628 |
| #3 | .4986987 | 2.533795 | 400.0050 | 16.30369 | 2.501459 | 15.06511 | 389.9728 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.37826 | 387.3023 | 2.507219 | 1.294269 | 371.2811 | 2.378368 | 15.01329 |
| Stddev | .12998   | 4.1685   | .003770  | .008038  | 2.2490   | .015966  | .12990   |
| %RSD   | .9040325 | 1.076296 | .1503839 | .6210339 | .6057341 | .6713056 | .8652071 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 14.27624 | 384.6455 | 2.507211 | 1.293668 | 369.7267 | 2.362308 | 15.03459 |
| #2 | 14.33393 | 385.1548 | 2.503453 | 1.302590 | 370.2566 | 2.378559 | 15.13123 |
| #3 | 14.52461 | 392.1067 | 2.510993 | 1.286548 | 373.8599 | 2.394238 | 14.87407 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 155.2894 | 5.070419 | 4.825558 | 4.862477 | 5.035735 | 4.855597 | 5.052335 |
| Stddev | .5191    | .014700  | .034563  | .005137  | .019716  | .024384  | .011073  |
| %RSD   | .3342742 | .2899070 | .7162502 | .1056435 | .3915291 | .5021739 | .2191617 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 155.0982 | 5.087338 | 4.805874 | 4.858010 | 5.057458 | 4.843627 | 5.064829 |
| #2 | 154.8932 | 5.063140 | 4.805333 | 4.861332 | 5.018972 | 4.839512 | 5.048438 |
| #3 | 155.8771 | 5.060779 | 4.865467 | 4.868090 | 5.030776 | 4.883653 | 5.043737 |

Sample Name: CCV071      Acquired: 3/11/2017 21:55:04      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV071      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.745799 | 4.962217 | 4.998138 |
| Stddev | .027406  | .010407  | .039333  |
| %RSD   | .5774717 | .2097223 | .7869489 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 4.727615 | 4.961936 | 4.979690 |
| #2 | 4.732461 | 4.951953 | 4.971419 |
| #3 | 4.777320 | 4.972761 | 5.043304 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 618.0337 | 982.7447 | 31814.04 | 7144.230 | 1549.200 |
| Stddev    | 5.5909   | 1.3004   | 165.15   | 46.014   | 3.080    |
| %RSD      | .9046273 | .1323283 | .5191128 | .6440732 | .1987904 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 615.9188 | 983.0045 | 31857.12 | 7182.230 | 1549.442 |
| #2 | 613.8087 | 983.8957 | 31631.61 | 7157.390 | 1552.152 |
| #3 | 624.3735 | 981.3340 | 31953.38 | 7093.070 | 1546.007 |

Sample Name: CCB071      Acquired: 3/11/2017 21:59:11      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB071      Custom ID2:      Custom ID3:  
Comment:

|        |            |          |          |          |          |          |
|--------|------------|----------|----------|----------|----------|----------|
| Elem   | As1890     | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | F .0114446 | .0050225 | .0011061 | .0019194 | -.001972 | -.001473 |
| Stddev | .0116570   | .0047641 | .0033463 | .0062260 | .000898  | .002398  |
| %RSD   | 101.8554   | 94.85523 | 302.5221 | 324.3705 | 45.52143 | 162.8417 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0043612 | .0105040 | .0032669 | .0050687 | -.000958 | -.003178 |
| #2 | .0050740 | .0026840 | -.002748 | -.005252 | -.002664 | .001269  |
| #3 | .0248987 | .0018795 | .002800  | .005942  | -.002295 | -.002509 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001019 | .0000024 | -.000029 | .0053481 | -.000240 | .0002109 |
| Stddev | .000172  | .0000395 | .000093  | .0064376 | .000248  | .0001972 |
| %RSD   | 16.88939 | 1659.483 | 323.7594 | 120.3716 | 103.2196 | 93.50029 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.001218 | .0000455 | .000041  | .0125198 | .000036  | .0000308 |
| #2 | -.000919 | -.000006 | -.000134 | .0034561 | -.000313 | .0004216 |
| #3 | -.000921 | -.000032 | .000007  | .0000685 | -.000444 | .0001802 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0004190 | -.014625 | -.001295 | .0499524 | -.000265 | -.000131 |
| Stddev | .0022007 | .011936  | .001109  | .0342573 | .000641  | .000248  |
| %RSD   | 525.2598 | 81.61665 | 85.66209 | 68.57986 | 241.7899 | 189.5745 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.001151 | -.014391 | -.000017 | .0551990 | -.000606 | -.000339 |
| #2 | .002934  | -.026677 | -.001862 | .0133745 | .000474  | -.000197 |
| #3 | -.000526 | -.002807 | -.002006 | .0812838 | -.000663 | .000144  |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.013363 | -.006472 | -.000465 | -.252352 | .0002255 | .0010608 |
| Stddev | .108203  | .000453  | .000584  | .025729  | .0056005 | .0003984 |
| %RSD   | 809.7256 | 6.995853 | 125.4114 | 10.19568 | 2483.636 | 37.55568 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.102376 | -.006856 | .000195  | -.246874 | -.003594 | .0014413 |
| #2 | -.044786 | -.005973 | -.000678 | -.229803 | -.002384 | .0010943 |
| #3 | .107073  | -.006587 | -.000913 | -.280379 | .006655  | .0006467 |

Sample Name: CCB071      Acquired: 3/11/2017 21:59:11      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v826)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB071      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0004746 | -.010909 | -.002820 | .0012876 | .0023450 | -.000679 |
| Stddev | .0005416 | .000784  | .001183  | .0002664 | .0006544 | .000086  |
| %RSD   | 114.1029 | 7.190571 | 41.95308 | 20.69202 | 27.90433 | 12.74381 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.000127 | -.010655 | -.003034 | .0010123 | .0028662 | -.000711 |
| #2 | .000628  | -.010283 | -.003881 | .0013064 | .0025582 | -.000581 |
| #3 | .000923  | -.011789 | -.001544 | .0015442 | .0016107 | -.000745 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0000080 |
| Stddev | .0000149 |
| %RSD   | 185.9981 |

|    |          |
|----|----------|
| #1 | -.000009 |
| #2 | .000017  |
| #3 | .000016  |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 754.8843 | 1206.657 | 36318.07 | 7688.800 | 2127.198 |
| Stddev    | 5.0352   | 2.022    | 183.52   | 29.263   | 6.199    |
| %RSD      | .6670205 | .1675361 | .5053247 | .3805928 | .2914125 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 749.1516 | 1204.371 | 36116.96 | 7669.550 | 2120.657 |
| #2 | 758.5903 | 1208.210 | 36360.78 | 7722.475 | 2127.952 |
| #3 | 756.9112 | 1207.389 | 36476.47 | 7674.375 | 2132.985 |