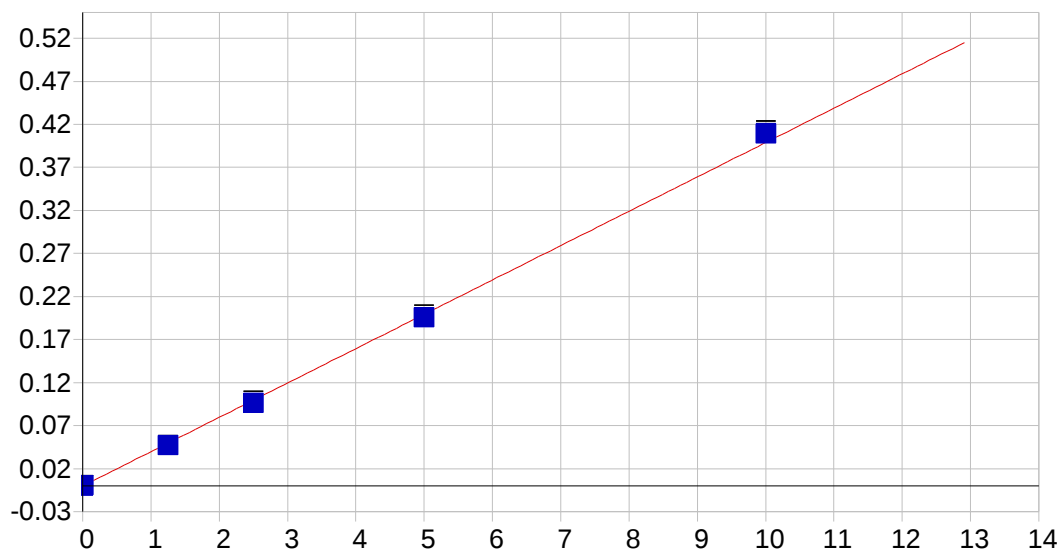


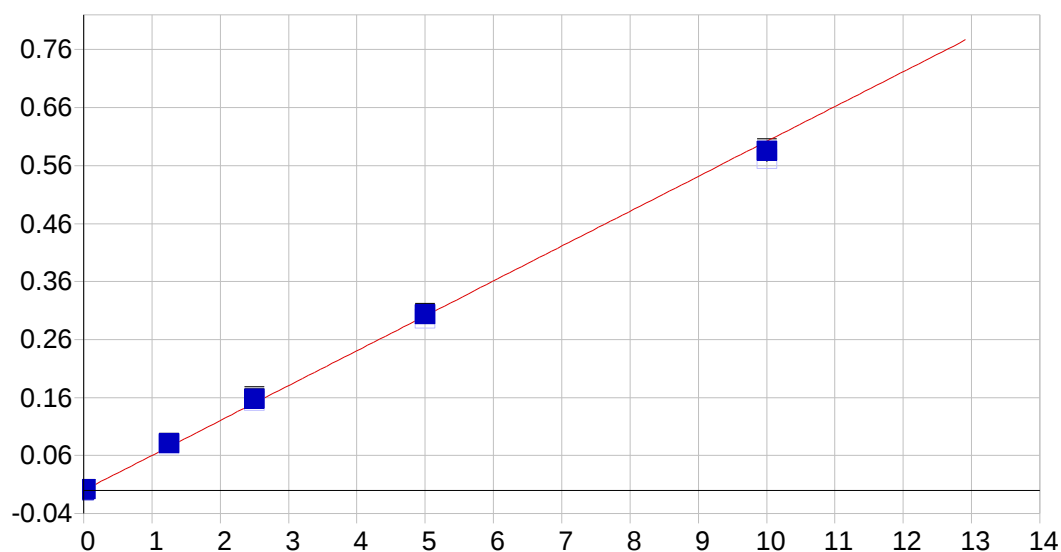


As 189.042 {479}

Date of Fit: 11/17/2017 13:59:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000216 Re-Slope: 1.000000  
 A1 (Gain): 0.039905 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999485 Status: OK.  
 Std Error of Est: 0.000022  
 Predicted MDL: 0.002952  
 Predicted MQL: 0.009841

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00001     | .000       | .000    | -.00022 | .000    | 1        |
| S1        | .01000       | .01642      | .006       | 64.2    | .00044  | .000    | 1        |
| S2        | 1.2500       | 1.1800      | -.070      | -5.60   | .04700  | .000    | 1        |
| S3        | 2.5000       | 2.4113      | -.089      | -3.55   | .09627  | .002    | 1        |
| S4        | 5.0000       | 4.9014      | -.099      | -1.97   | .19591  | .003    | 1        |
| S5        | 10.000       | 10.251      | .251       | 2.51    | .40992  | .003    | 1        |

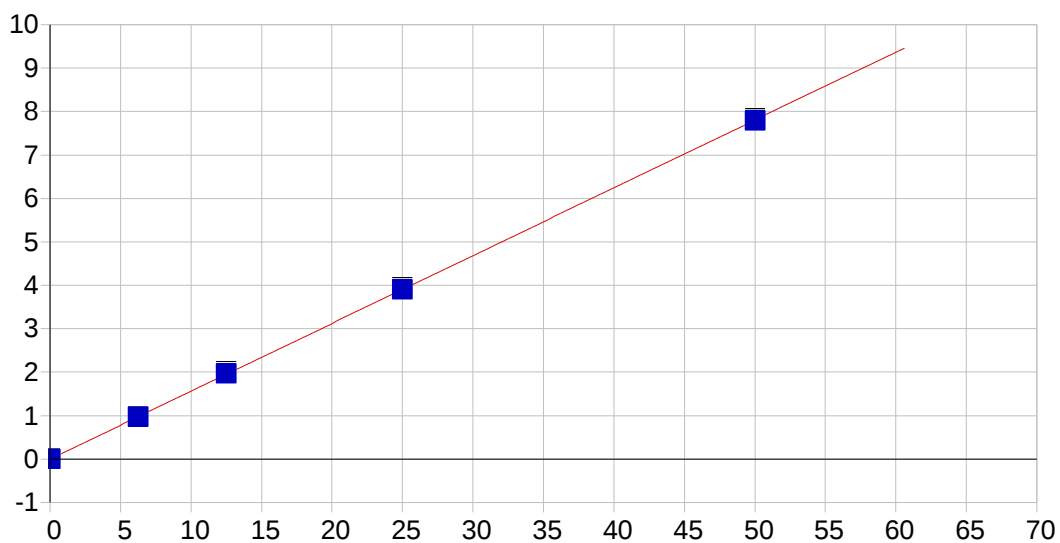


TI 190.856 {477}

Date of Fit: 11/17/2017 13:59:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000061 Re-Slope: 1.000000  
 A1 (Gain): 0.060172 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999368 Status: OK.  
 Std Error of Est: 0.000055  
 Predicted MDL: 0.001660  
 Predicted MQL: 0.005534

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00001     | .000       | .000    | -.00006 | .000    | 1        |
| S1        | .02500       | .02964      | .005       | 18.6    | .00159  | .000    | 1        |
| S2        | 1.2500       | 1.3481      | .098       | 7.84    | .07926  | .000    | 1        |
| S3        | 2.5000       | 2.6266      | .127       | 5.06    | .15439  | .004    | 1        |
| S4        | 5.0000       | 5.0416      | .042       | .832    | .29612  | .002    | 1        |
| S5        | 10.000       | 9.7294      | -.271      | -2.71   | .57101  | .004    | 1        |

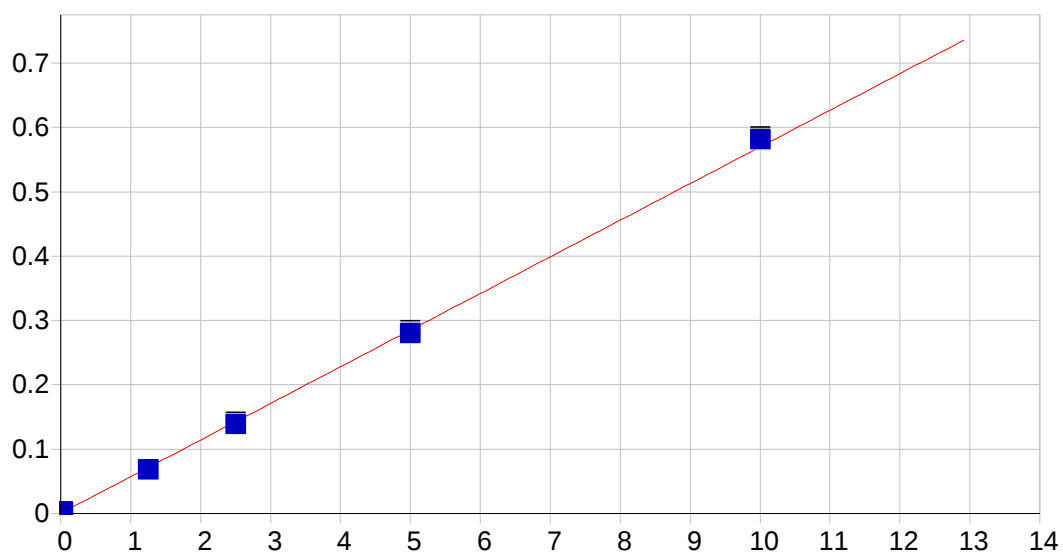


Pb 220.353 {453}

Date of Fit: 11/17/2017 13:59:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000154 Re-Slope: 1.000000  
 A1 (Gain): 0.156106 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999994 Status: OK.  
 Std Error of Est: 0.000021  
 Predicted MDL: 0.001370  
 Predicted MQL: 0.004566

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00015 | .000    | 1        |
| S1        | .01000       | .00950      | .000       | -5.00   | .00133  | .000    | 1        |
| S2        | 6.2500       | 6.2385      | -.012      | -.185   | .97394  | .006    | 1        |
| S3        | 12.500       | 12.602      | .102       | .815    | 1.9675  | .046    | 1        |
| S4        | 25.000       | 25.025      | .025       | .100    | 3.9073  | .049    | 1        |
| S5        | 50.000       | 49.885      | -.115      | -.230   | 7.7890  | .048    | 1        |



Date of Fit: 11/17/2017 13:59:32

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000200

Re-Slope: 1.000000

A1 (Gain): 0.056951

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999711

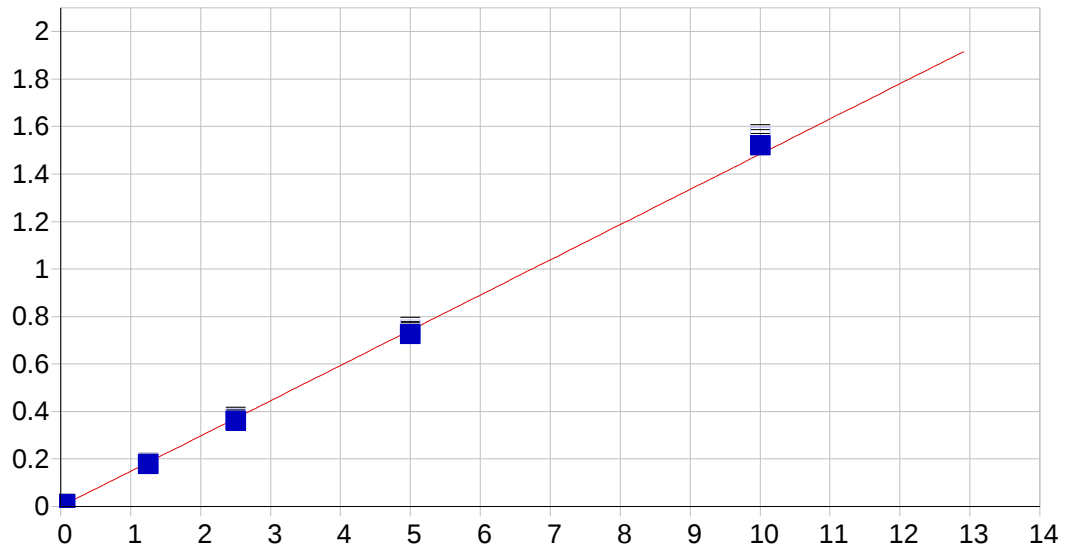
Status: OK.

Std Error of Est: 0.000043

Predicted MDL: 0.002691

Predicted MQL: 0.008971

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00020 | .000    | 1        |
| S1        | .03500       | .03270      | -.002      | -6.58   | .00206 | .000    | 1        |
| S2        | 1.2500       | 1.1871      | -.063      | -5.04   | .06754 | .000    | 1        |
| S3        | 2.5000       | 2.4363      | -.064      | -2.55   | .13843 | .003    | 1        |
| S4        | 5.0000       | 4.9174      | -.083      | -1.65   | .27920 | .005    | 1        |
| S5        | 10.000       | 10.211      | .211       | 2.11    | .57965 | .004    | 1        |

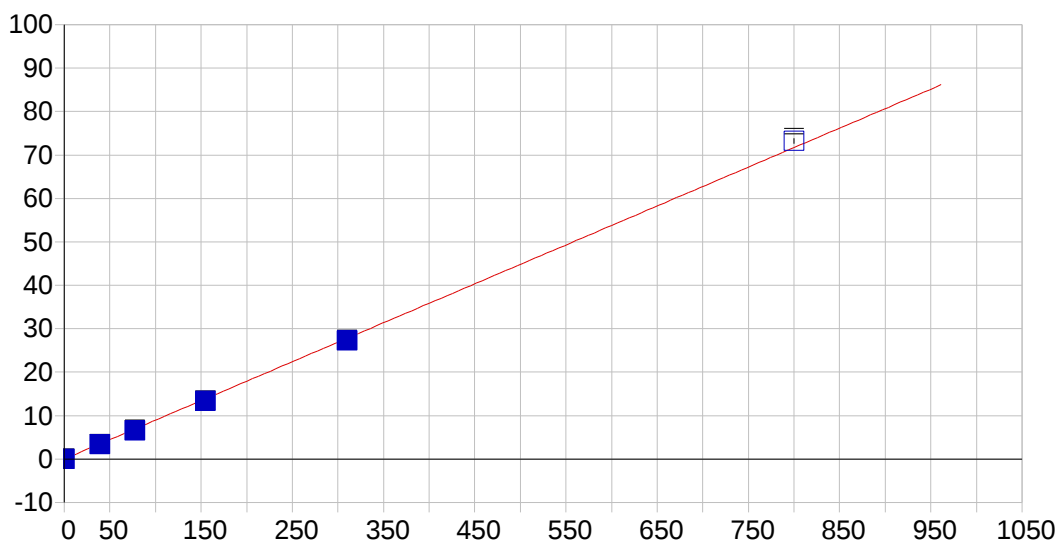


Sb 206.833 {463}

Date of Fit: 11/17/2017 13:59:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000190 Re-Slope: 1.000000  
 A1 (Gain): 0.148367 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999667 Status: OK.  
 Std Error of Est: 0.000161  
 Predicted MDL: 0.001287  
 Predicted MQL: 0.004291

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | .00019 | .000    | 1        |
| S1        | .06000       | .05837      | -.002      | -2.71   | .00885 | .000    | 1        |
| S2        | 1.2500       | 1.1925      | -.058      | -4.60   | .18157 | .001    | 1        |
| S3        | 2.5000       | 2.4259      | -.074      | -2.96   | .36903 | .008    | 1        |
| S4        | 5.0000       | 4.8910      | -.109      | -2.18   | .74368 | .012    | 1        |
| S5        | 10.000       | 10.242      | .242       | 2.42    | 1.5555 | .011    | 1        |

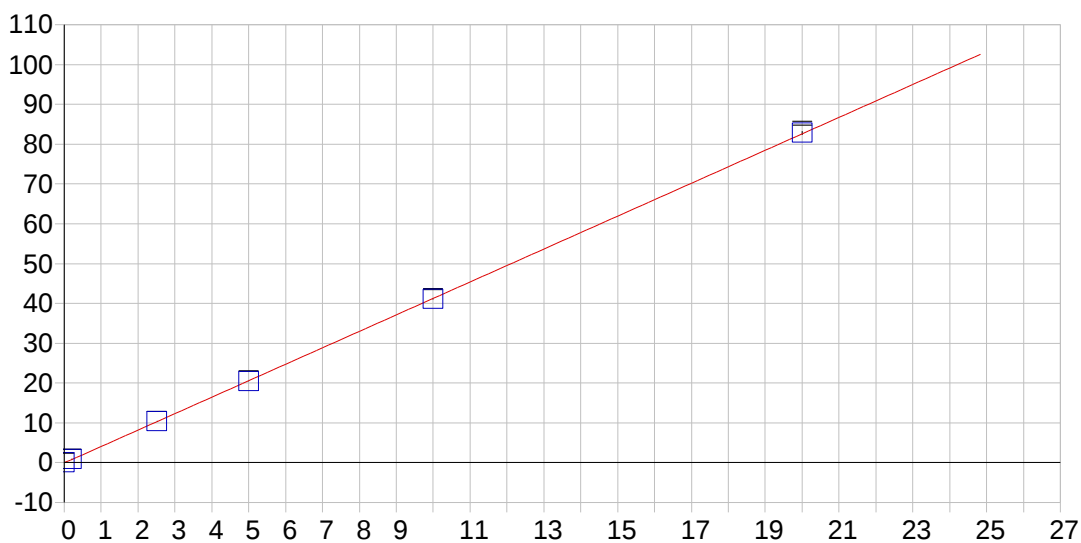


AI 396.152 { 85}

Date of Fit: 11/17/2017 14:03:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000115 Re-Slope: 1.000000  
 A1 (Gain): 0.089633 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999658 Status: OK.  
 Std Error of Est: 0.001458  
 Predicted MDL: 0.006708  
 Predicted MQL: 0.022359

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00002      | .000       | .000    | -.00011 | .000    | 1        |
| S1        | .20000       | .20509      | .005       | 2.54    | .01830  | .000    | 1        |
| S2        | 38.750       | 37.375      | -1.38      | -3.55   | 3.3541  | .017    | 1        |
| S3        | 77.500       | 73.502      | -4.00      | -5.16   | 6.5964  | .043    | 1        |
| S4        | 155.00       | 149.00      | -6.00      | -3.87   | 13.372  | .029    | 1        |
| S5        | 310.00       | 304.45      | -5.55      | -1.79   | 27.322  | .044    | 1        |
| S6        | 800.00       | 816.94      | 16.9       | 2.12    | 73.225  | .640    | 1        |

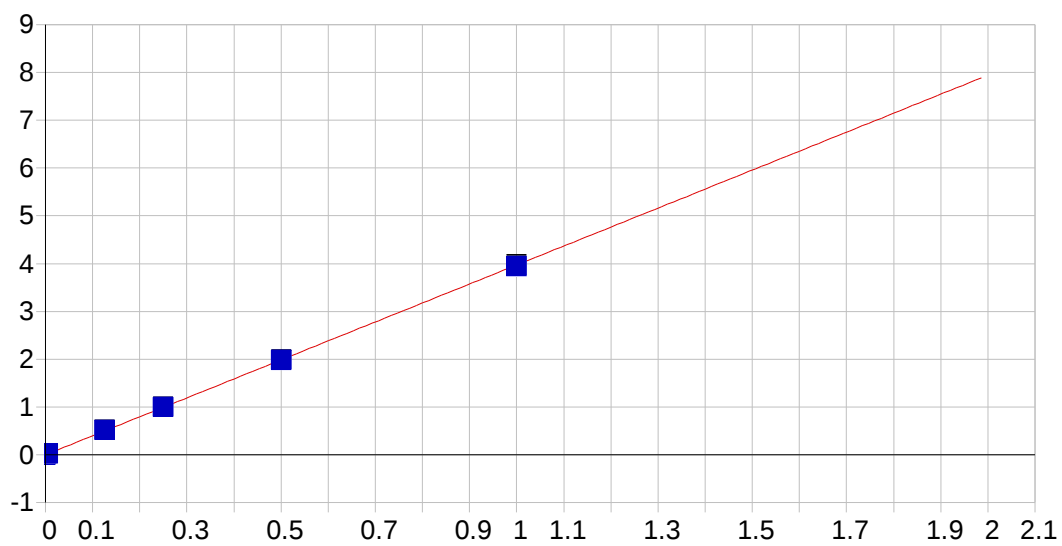


Ba 493.409 { 68}

Date of Fit: 11/17/2017 13:59:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.011112 Re-Slope: 1.000000  
 A1 (Gain): 4.127912 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999990 Status: OK.  
 Std Error of Est: 0.001988  
 Predicted MDL: 0.000315  
 Predicted MQL: 0.001049

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.01112 | .001    | 1        |
| S1        | .20000       | .20354      | .004       | 1.77    | .82908  | .002    | 1        |
| S2        | 2.5000       | 2.5133      | .013       | .530    | 10.363  | .023    | 1        |
| S3        | 5.0000       | 4.9613      | -.039      | -.774   | 20.469  | .084    | 1        |
| S4        | 10.000       | 9.9607      | -.039      | -.393   | 41.106  | .184    | 1        |
| S5        | 20.000       | 20.061      | .061       | .306    | 82.800  | .493    | 1        |

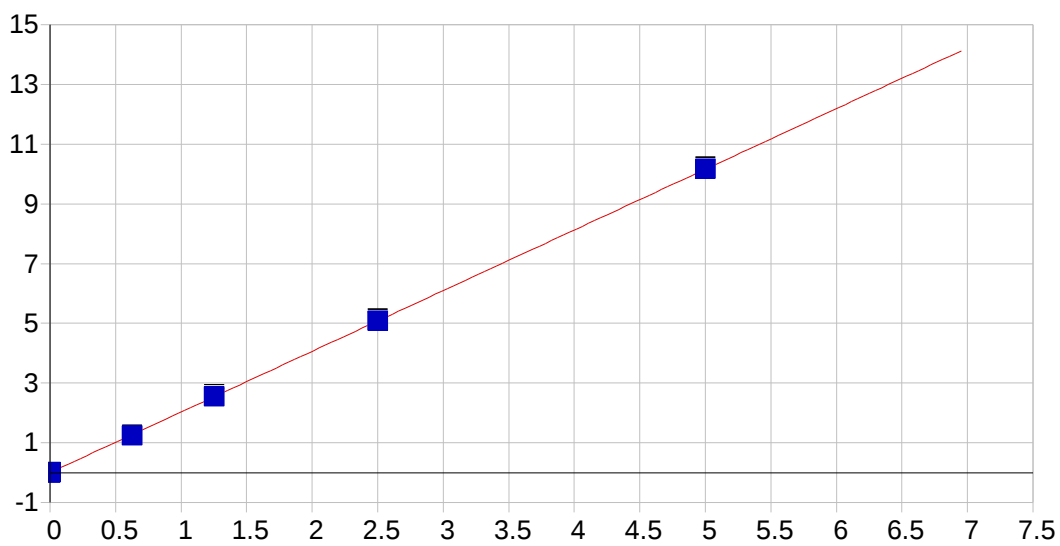


Be 234.861 {144}

Date of Fit: 11/17/2017 13:59:32      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |                    |
|-------------------|-----------|--------------------|
| A0 (Offset):      | -0.002039 | Re-Slope: 1.000000 |
| A1 (Gain):        | 3.972224  | Y-int: 0.000000    |
| A2 (Curvature):   | 0.000000  |                    |
| n (Exponent):     | 1.000000  |                    |
| Correlation:      | 0.999922  | Status: OK.        |
| Std Error of Est: | 0.000186  |                    |
| Predicted MDL:    | 0.000078  |                    |
| Predicted MQL:    | 0.000260  |                    |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00204 | .000    | 1        |
| S1        | .00500       | .00555      | .001       | 11.1    | .02001  | .000    | 1        |
| S2        | .12500       | .12964      | .005       | 3.71    | .51127  | .002    | 1        |
| S3        | .25000       | .25193      | .002       | .772    | .99535  | .004    | 1        |
| S4        | .50000       | .49942      | -.001      | -.117   | 1.9751  | .001    | 1        |
| S5        | 1.0000       | .99345      | -.007      | -.655   | 3.9308  | .037    | 1        |

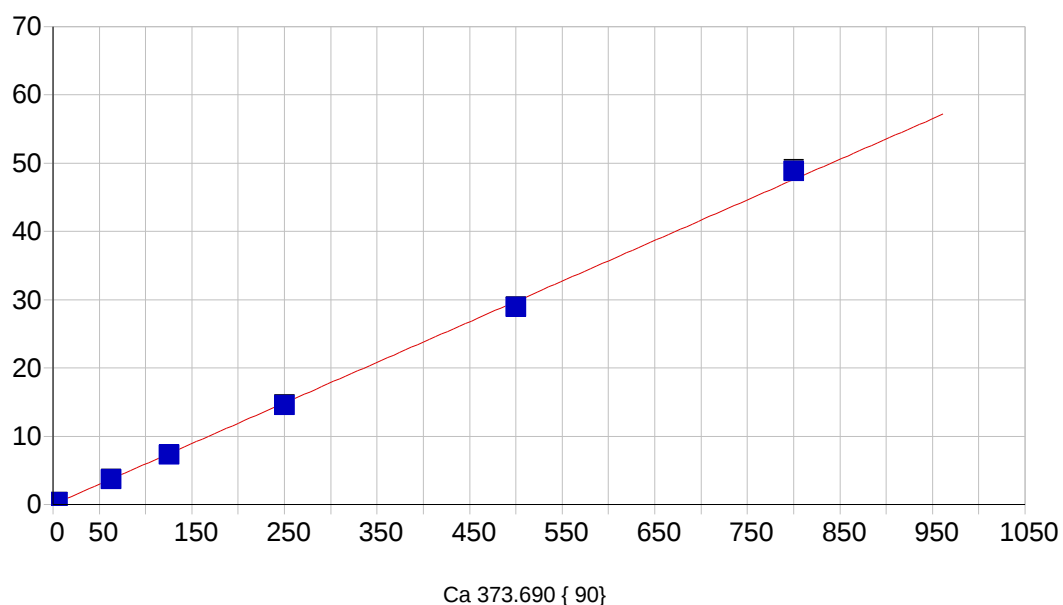


Cd 214.438 {457}

Date of Fit: 11/17/2017 13:59:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000302 Re-Slope: 1.000000  
 A1 (Gain): 2.031703 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999987 Status: OK.  
 Std Error of Est: 0.000086  
 Predicted MDL: 0.000077  
 Predicted MQL: 0.000256

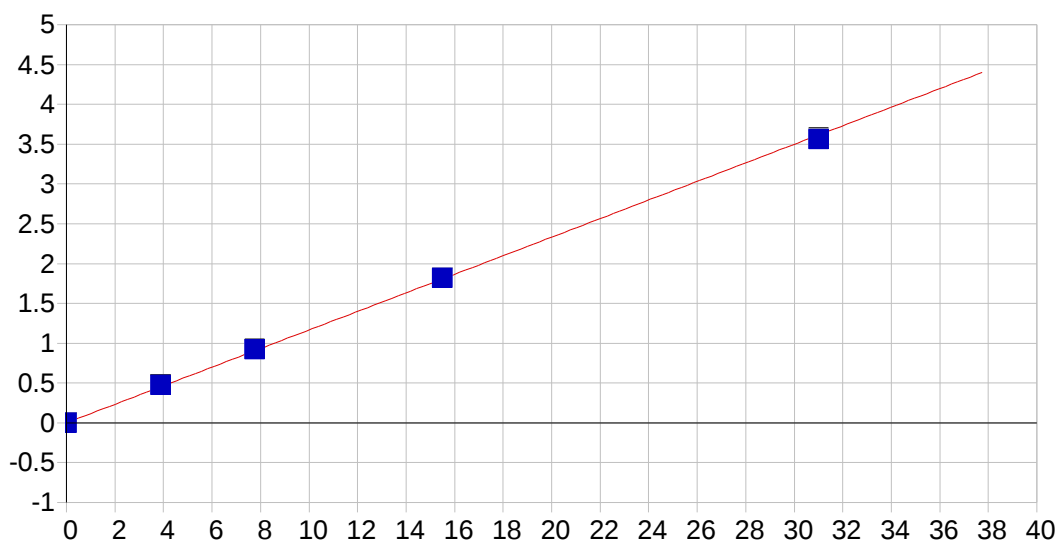
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00030 | .000    | 1        |
| S1        | .00500       | .00484      | .000       | -3.20   | .00954  | .000    | 1        |
| S2        | .62500       | .61362      | -.011      | -1.82   | 1.2494  | .010    | 1        |
| S3        | 1.2500       | 1.2551      | .005       | .411    | 2.5557  | .062    | 1        |
| S4        | 2.5000       | 2.5007      | .001       | .026    | 5.0922  | .056    | 1        |
| S5        | 5.0000       | 5.0057      | .006       | .115    | 10.194  | .056    | 1        |



Date of Fit: 11/17/2017 14:03:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001490 Re-Slope: 1.000000  
 A1 (Gain): 0.059494 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999687 Status: OK.  
 Std Error of Est: 0.005185  
 Predicted MDL: 0.009481  
 Predicted MQL: 0.031605

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00023      | .000       | .000    | .00150 | .000    | 1        |
| S1        | 5.0000       | 4.9943      | -.006      | -.113   | .29861 | .002    | 1        |
| S2        | 62.500       | 62.302      | -.198      | -.317   | 3.7036 | .009    | 1        |
| S3        | 125.00       | 122.25      | -2.75      | -2.20   | 7.2655 | .025    | 1        |
| S4        | 250.00       | 245.09      | -4.91      | -1.96   | 14.565 | .061    | 1        |
| S5        | 500.00       | 486.57      | -13.4      | -2.69   | 28.913 | .049    | 1        |
| S6        | 800.00       | 821.31      | 21.3       | 2.66    | 48.768 | .246    | 1        |

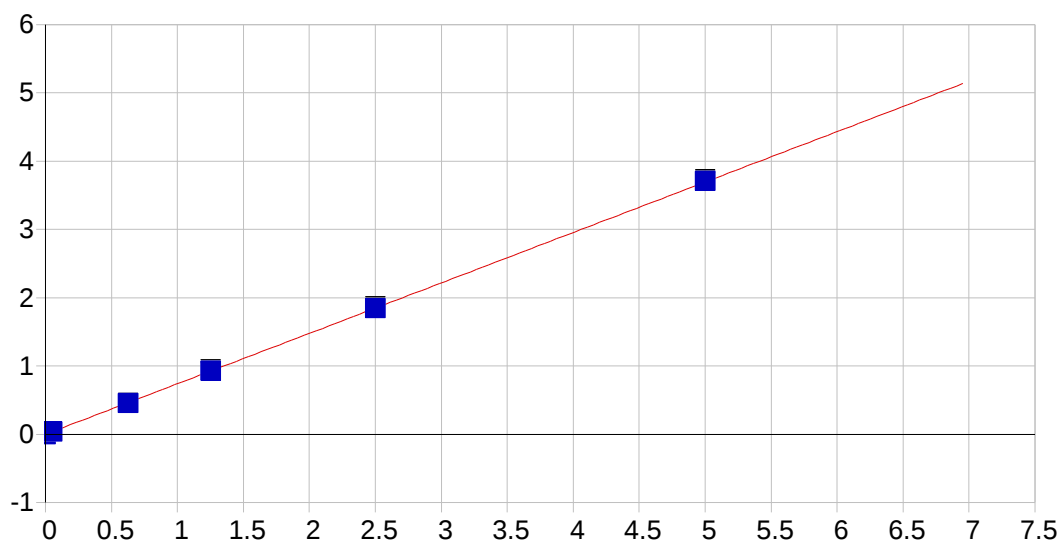


Cr 267.716 {126}

Date of Fit: 11/17/2017 13:59:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000005 Re-Slope: 1.000000  
 A1 (Gain): 0.116594 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999808 Status: OK.  
 Std Error of Est: 0.000068  
 Predicted MDL: 0.000486  
 Predicted MQL: 0.001619

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00000 | .000    | 1        |
| S1        | .01000       | .01101      | .001       | 10.1    | .00129 | .000    | 1        |
| S2        | 3.8750       | 4.0844      | .209       | 5.40    | .47738 | .004    | 1        |
| S3        | 7.7500       | 7.9130      | .163       | 2.10    | .92494 | .001    | 1        |
| S4        | 15.500       | 15.594      | .094       | .606    | 1.8228 | .004    | 1        |
| S5        | 31.000       | 30.533      | -.467      | -1.51   | 3.5693 | .009    | 1        |

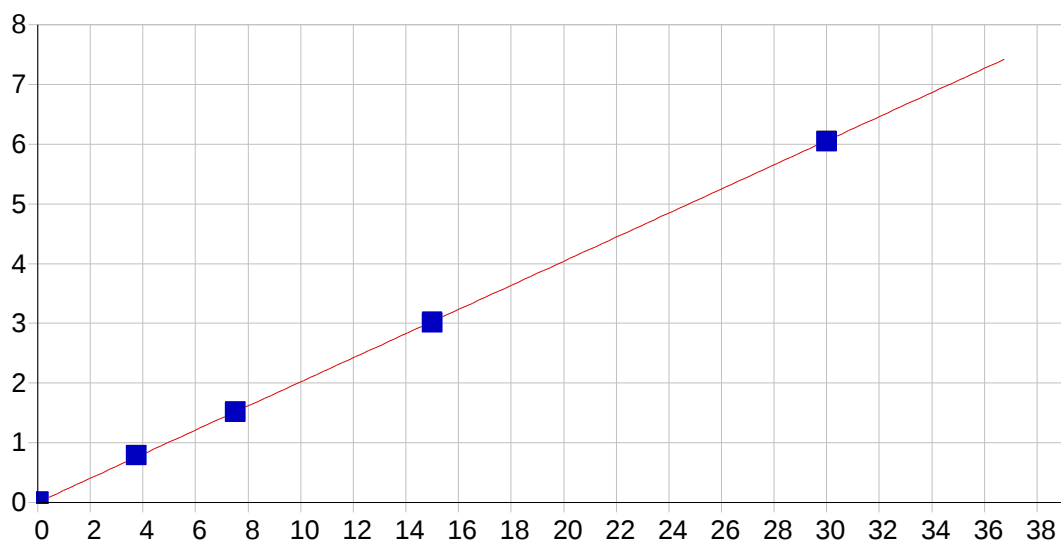


Co 228.616 {448}

Date of Fit: 11/17/2017 13:59:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000199 Re-Slope: 1.000000  
 A1 (Gain): 0.738869 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999976 Status: OK.  
 Std Error of Est: 0.000136  
 Predicted MDL: 0.000207  
 Predicted MQL: 0.000688

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00020 | .000    | 1        |
| S1        | .05000       | .04710      | -.003      | -5.80   | .03474  | .000    | 1        |
| S2        | .62500       | .61313      | -.012      | -1.90   | .45379  | .004    | 1        |
| S3        | 1.2500       | 1.2525      | .003       | .202    | .92718  | .022    | 1        |
| S4        | 2.5000       | 2.4966      | -.003      | -.136   | 1.8483  | .023    | 1        |
| S5        | 5.0000       | 5.0157      | .016       | .313    | 3.7134  | .019    | 1        |

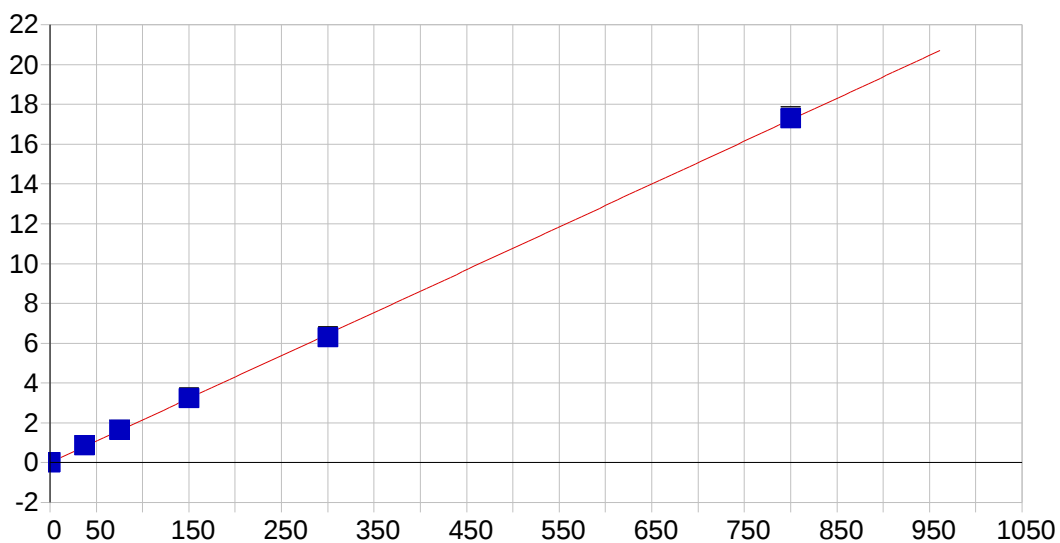


Cu 324.754 {104}

Date of Fit: 11/17/2017 13:59:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001857 Re-Slope: 1.000000  
 A1 (Gain): 0.201827 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999941 Status: OK.  
 Std Error of Est: 0.000101  
 Predicted MDL: 0.001808  
 Predicted MQL: 0.006025

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00186 | .000    | 1        |
| S1        | .02500       | .02752      | .003       | 10.1    | .00738 | .000    | 1        |
| S2        | 3.7500       | 3.8963      | .146       | 3.90    | .78759 | .005    | 1        |
| S3        | 7.5000       | 7.5001      | .000       | .002    | 1.5143 | .013    | 1        |
| S4        | 15.000       | 14.906      | -.094      | -.624   | 3.0078 | .010    | 1        |
| S5        | 30.000       | 29.945      | -.055      | -.184   | 6.0403 | .005    | 1        |

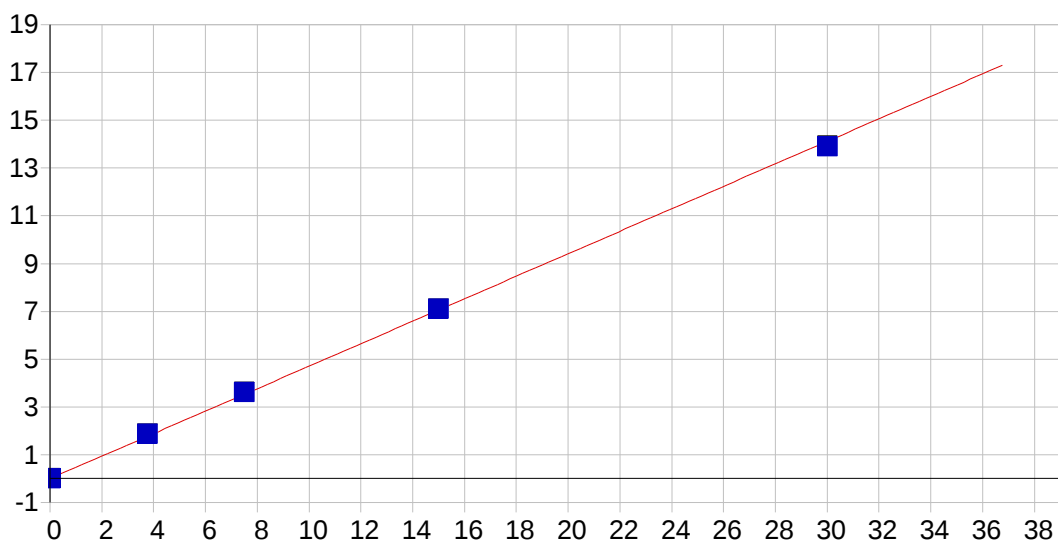


Fe 259.837 {130}

Date of Fit: 11/17/2017 14:03:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000056 Re-Slope: 1.000000  
 A1 (Gain): 0.021531 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999862 Status: OK.  
 Std Error of Est: 0.000156  
 Predicted MDL: 0.008429  
 Predicted MQL: 0.028098

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00002     | .000       | .000    | -.00006 | .000    | 1        |
| S1        | .10000       | .11505      | .015       | 15.1    | .00243  | .000    | 1        |
| S2        | 37.500       | 39.697      | 2.20       | 5.86    | .85560  | .003    | 1        |
| S3        | 75.000       | 76.631      | 1.63       | 2.17    | 1.6518  | .007    | 1        |
| S4        | 150.00       | 150.37      | .374       | .250    | 3.2414  | .010    | 1        |
| S5        | 300.00       | 292.36      | -7.64      | -2.55   | 6.3022  | .014    | 1        |
| S6        | 800.00       | 803.43      | 3.43       | .429    | 17.307  | .067    | 1        |

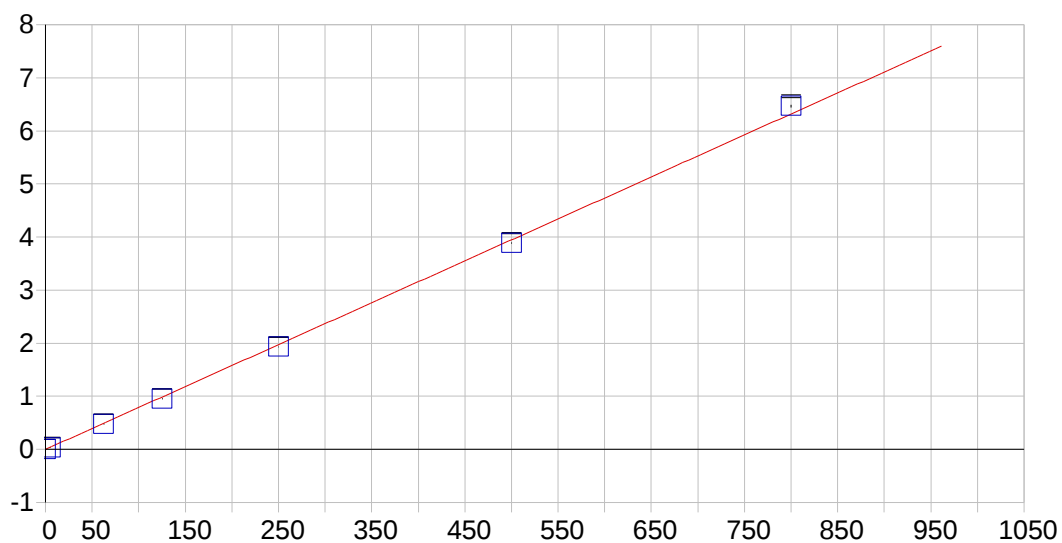


Mn 257.610 {131}

Date of Fit: 11/17/2017 13:59:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000092 Re-Slope: 1.000000  
 A1 (Gain): 0.470598 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999780 Status: OK.  
 Std Error of Est: 0.000351  
 Predicted MDL: 0.000431  
 Predicted MQL: 0.001438

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00009 | .000    | 1        |
| S1        | .01500       | .01602      | .001       | 6.79    | .00764 | .000    | 1        |
| S2        | 3.7500       | 3.9627      | .213       | 5.67    | 1.8653 | .002    | 1        |
| S3        | 7.5000       | 7.6862      | .186       | 2.48    | 3.6180 | .005    | 1        |
| S4        | 15.000       | 15.078      | .078       | .519    | 7.0973 | .016    | 1        |
| S5        | 30.000       | 29.522      | -.478      | -1.59   | 13.896 | .022    | 1        |

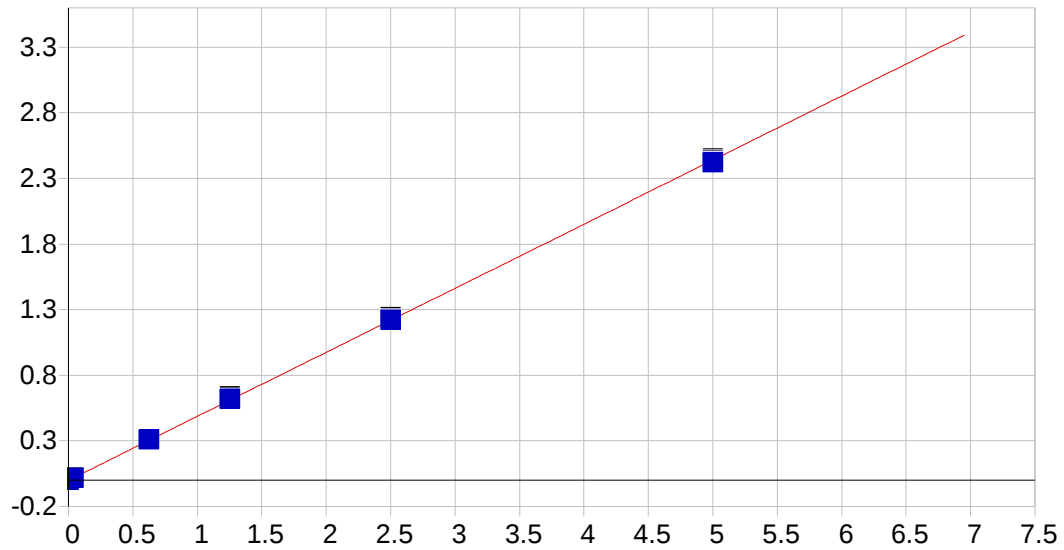


Mg 279.079 {121}

Date of Fit: 11/17/2017 14:03:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000259 Re-Slope: 1.000000  
 A1 (Gain): 0.007897 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999741 Status: OK.  
 Std Error of Est: 0.000627  
 Predicted MDL: 0.026770  
 Predicted MQL: 0.089233

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00049      | .000       | .000    | -.00026 | .000    | 1        |
| S1        | 5.0000       | 4.8987      | -.101      | -2.03   | .03842  | .000    | 1        |
| S2        | 62.500       | 60.642      | -1.86      | -2.97   | .47862  | .001    | 1        |
| S3        | 125.00       | 120.61      | -4.39      | -3.51   | .95219  | .004    | 1        |
| S4        | 250.00       | 244.61      | -5.39      | -2.15   | 1.9314  | .006    | 1        |
| S5        | 500.00       | 492.50      | -7.50      | -1.50   | 3.8888  | .009    | 1        |
| S6        | 800.00       | 819.24      | 19.2       | 2.40    | 6.4690  | .027    | 1        |

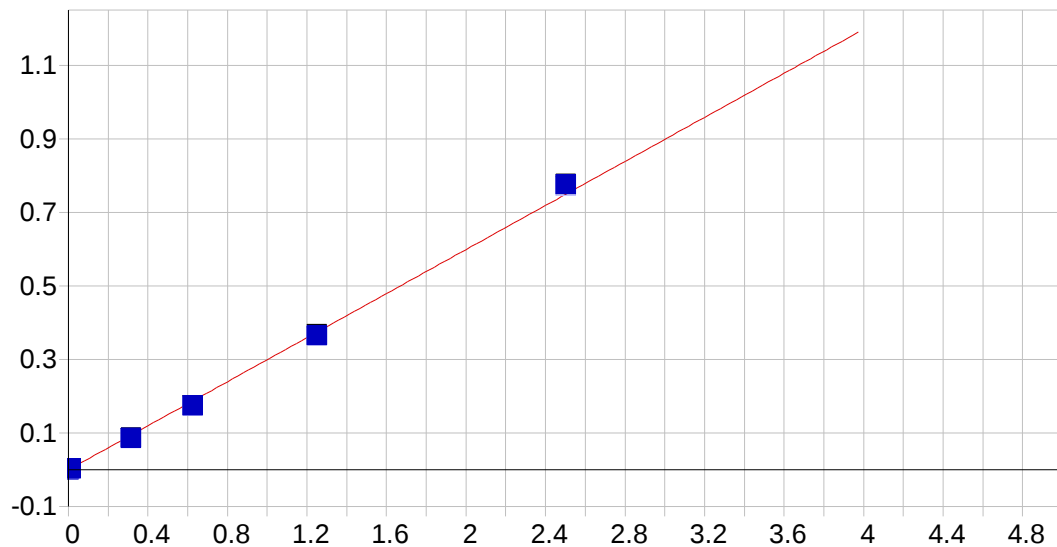


Ni 231.604 {446}

Date of Fit: 11/17/2017 13:59:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000684 Re-Slope: 1.000000  
 A1 (Gain): 0.487989 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999954 Status: OK.  
 Std Error of Est: 0.000111  
 Predicted MDL: 0.000353  
 Predicted MQL: 0.001178

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00069 | .000    | 1        |
| S1        | .04000       | .04059      | .001       | 1.48    | .01915  | .000    | 1        |
| S2        | .62500       | .63430      | .009       | 1.49    | .31045  | .001    | 1        |
| S3        | 1.2500       | 1.2727      | .023       | 1.82    | .62360  | .014    | 1        |
| S4        | 2.5000       | 2.5057      | .006       | .229    | 1.2285  | .014    | 1        |
| S5        | 5.0000       | 4.9616      | -.038      | -.767   | 2.4334  | .016    | 1        |

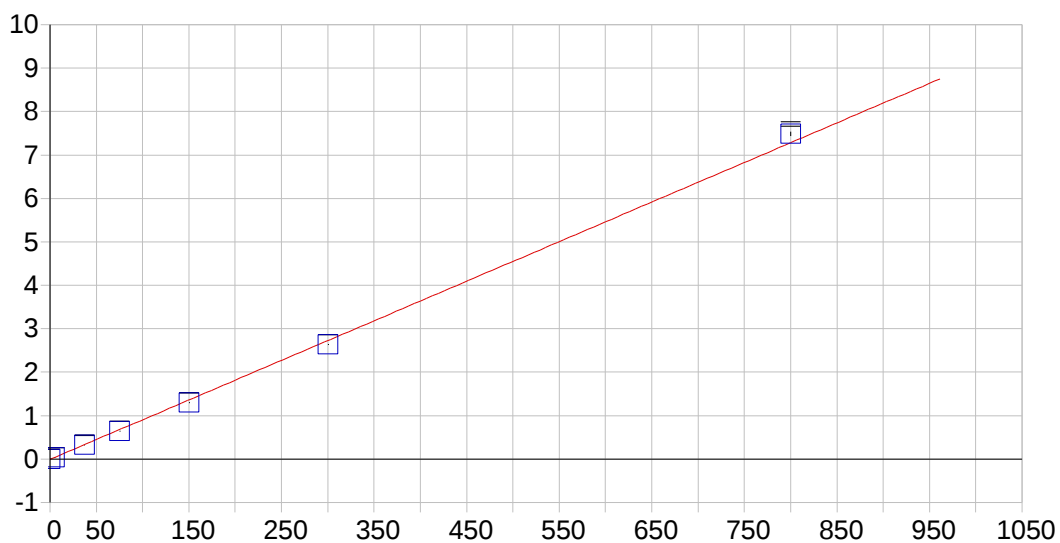


Ag 328.068 {103}

Date of Fit: 11/17/2017 13:59:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000238 Re-Slope: 1.000000  
 A1 (Gain): 0.299473 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999078 Status: OK.  
 Std Error of Est: 0.000107  
 Predicted MDL: 0.000351  
 Predicted MQL: 0.001169

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00024 | .000    | 1        |
| S1        | .01000       | .01064      | .001       | 6.38    | .00294  | .000    | 1        |
| S2        | .31250       | .28753      | -.025      | -7.99   | .08523  | .001    | 1        |
| S3        | .62500       | .58502      | -.040      | -6.40   | .17368  | .000    | 1        |
| S4        | 1.2500       | 1.2226      | -.027      | -2.19   | .36335  | .003    | 1        |
| S5        | 2.5000       | 2.5917      | .092       | 3.67    | .77080  | .001    | 1        |

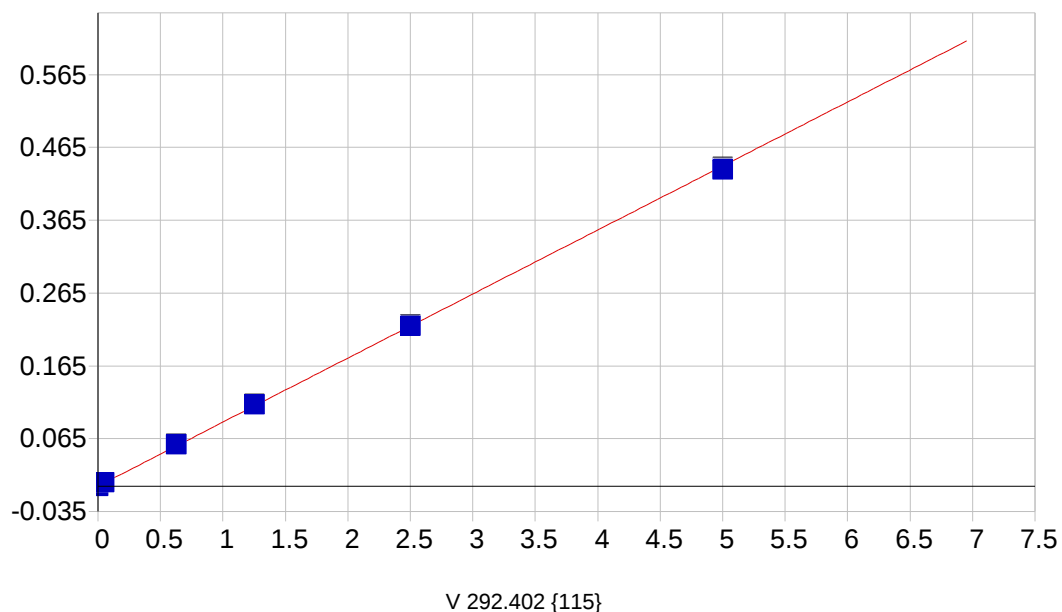


Na 818.326 { 41}

Date of Fit: 11/17/2017 14:03:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.006793 Re-Slope: 1.000000  
 A1 (Gain): 0.009112 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999426 Status: OK.  
 Std Error of Est: 0.000955  
 Predicted MDL: 0.158605  
 Predicted MQL: 0.528685

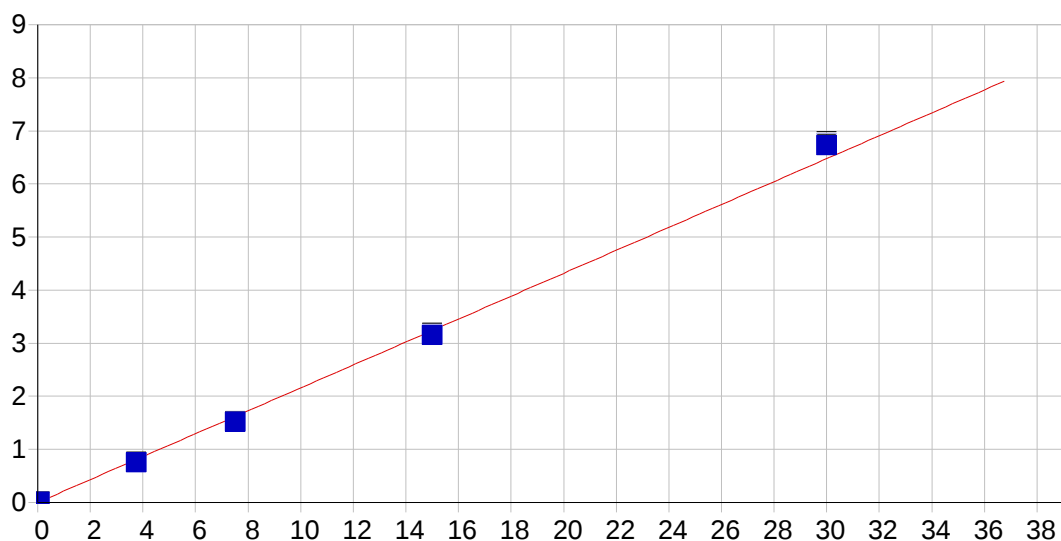
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00099      | .001       | .000    | -.00678 | .001    | 1        |
| S1        | 5.0000       | 4.7447      | -.255      | -5.11   | .03644  | .000    | 1        |
| S2        | 37.500       | 35.873      | -1.63      | -4.34   | .32009  | .003    | 1        |
| S3        | 75.000       | 70.939      | -4.06      | -5.42   | .63961  | .003    | 1        |
| S4        | 150.00       | 143.19      | -6.81      | -4.54   | 1.2979  | .002    | 1        |
| S5        | 300.00       | 290.18      | -9.82      | -3.27   | 2.6374  | .002    | 1        |
| S6        | 800.00       | 822.58      | 22.6       | 2.82    | 7.4886  | .048    | 1        |



Date of Fit: 11/17/2017 13:59:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000135 Re-Slope: 1.000000  
 A1 (Gain): 0.087949 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999842 Status: OK.  
 Std Error of Est: 0.000042  
 Predicted MDL: 0.002751  
 Predicted MQL: 0.009169

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00001     | .000       | .000    | -.00014 | .000    | 1        |
| S1        | .05000       | .05655      | .007       | 13.1    | .00485  | .000    | 1        |
| S2        | .62500       | .65179      | .027       | 4.29    | .05742  | .001    | 1        |
| S3        | 1.2500       | 1.2708      | .021       | 1.66    | .11208  | .001    | 1        |
| S4        | 2.5000       | 2.5029      | .003       | .118    | .22091  | .001    | 1        |
| S5        | 5.0000       | 4.9429      | -.057      | -1.14   | .43641  | .002    | 1        |

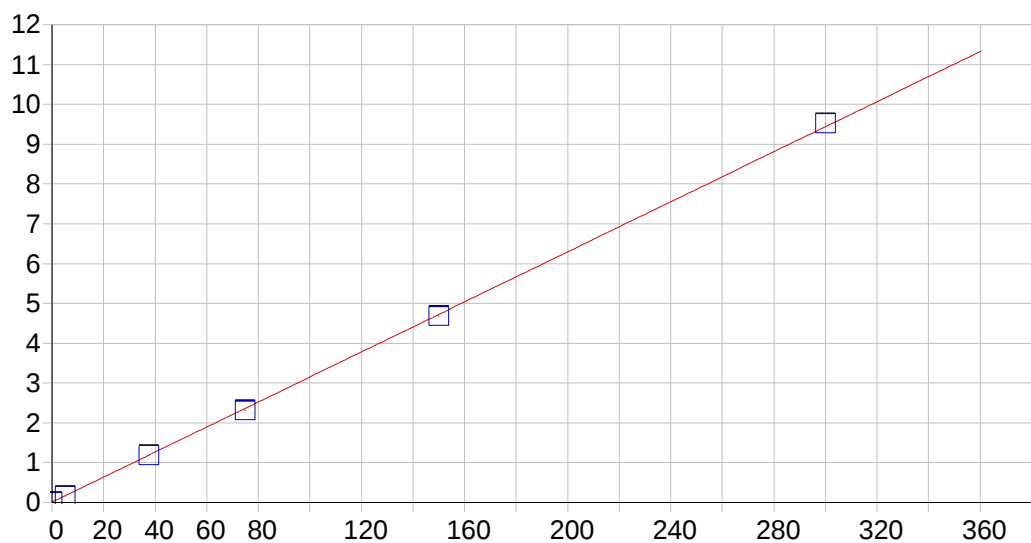


Zn 213.856 {158}

Date of Fit: 11/17/2017 13:59:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000198 Re-Slope: 1.000000  
 A1 (Gain): 0.215873 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999037 Status: OK.  
 Std Error of Est: 0.000678  
 Predicted MDL: 0.002573  
 Predicted MQL: 0.008577

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | .00020 | .000    | 1        |
| S1        | .06000       | .05512      | -.005      | -8.14   | .01215 | .000    | 1        |
| S2        | 3.7500       | 3.4726      | -.277      | -7.40   | .75422 | .005    | 1        |
| S3        | 7.5000       | 7.0141      | -.486      | -6.48   | 1.5231 | .008    | 1        |
| S4        | 15.000       | 14.591      | -.409      | -2.73   | 3.1674 | .029    | 1        |
| S5        | 30.000       | 31.177      | 1.18       | 3.92    | 6.7655 | .030    | 1        |

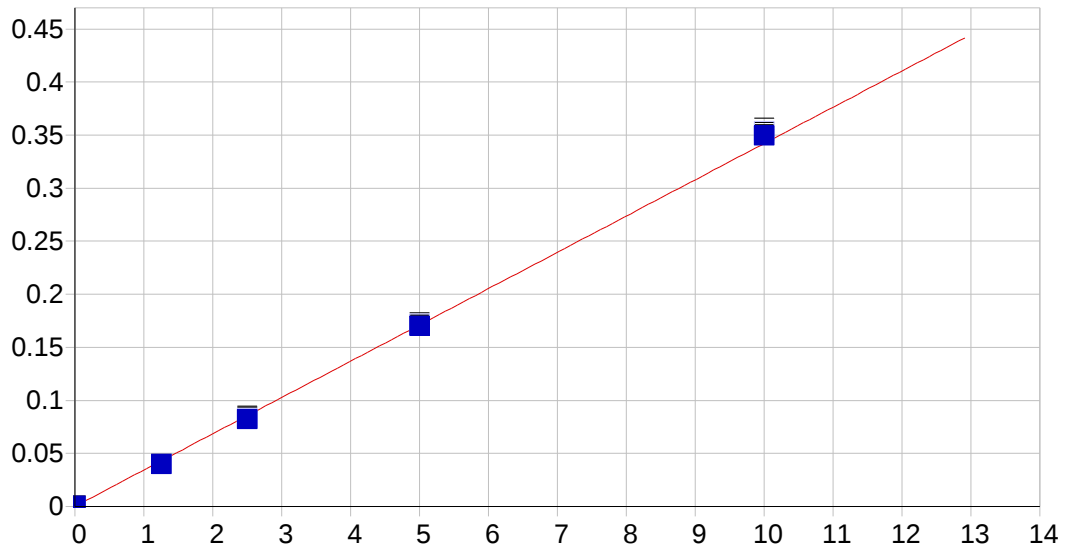


K 769.896 { 44}

Date of Fit: 11/17/2017 13:59:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.008899 Re-Slope: 1.000000  
 A1 (Gain): 0.031433 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999941 Status: OK.  
 Std Error of Est: 0.000703  
 Predicted MDL: 0.042056  
 Predicted MQL: 0.140185

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00006      | .000       | .000    | .00890 | .001    | 1        |
| S1        | 5.0000       | 5.0338      | .034       | .675    | .16712 | .002    | 1        |
| S2        | 37.500       | 37.489      | -.011      | -.029   | 1.1873 | .008    | 1        |
| S3        | 75.000       | 73.504      | -1.50      | -1.99   | 2.3193 | .015    | 1        |
| S4        | 150.00       | 148.71      | -1.29      | -.863   | 4.6831 | .008    | 1        |
| S5        | 300.00       | 302.77      | 2.77       | .923    | 9.5258 | .010    | 1        |

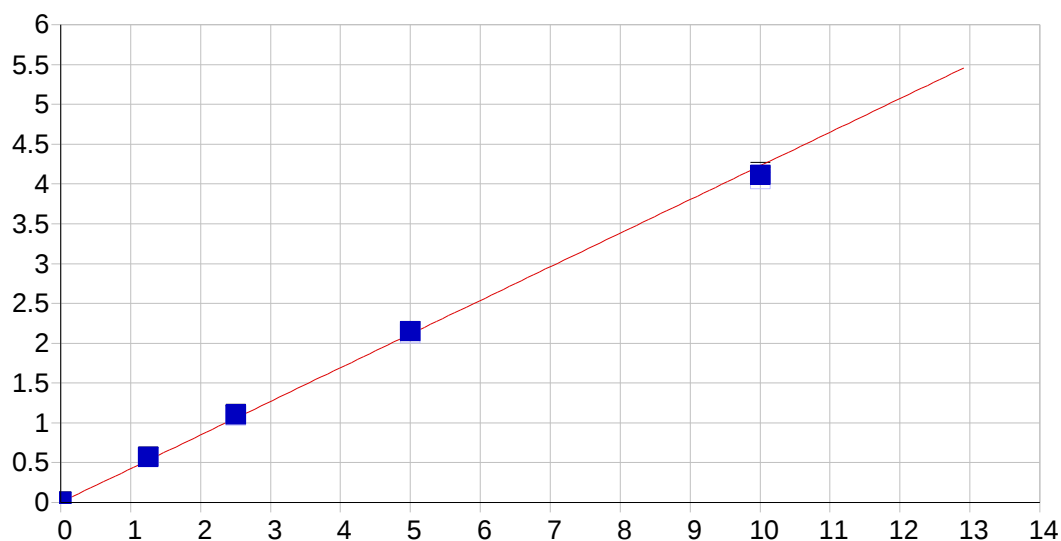


P 177.495 {490}

Date of Fit: 11/17/2017 13:59:32      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |                    |
|-------------------|----------|--------------------|
| A0 (Offset):      | 0.000121 | Re-Slope: 1.000000 |
| A1 (Gain):        | 0.034201 | Y-int: 0.000000    |
| A2 (Curvature):   | 0.000000 |                    |
| n (Exponent):     | 1.000000 |                    |
| Correlation:      | 0.999574 | Status: OK.        |
| Std Error of Est: | 0.000017 |                    |
| Predicted MDL:    | 0.002445 |                    |
| Predicted MQL:    | 0.008149 |                    |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00012 | .000    | 1        |
| S1        | .01000       | .01235      | .002       | 23.5    | .00055 | .000    | 1        |
| S2        | 1.2500       | 1.1589      | -.091      | -7.29   | .04025 | .000    | 1        |
| S3        | 2.5000       | 2.3988      | -.101      | -4.05   | .08314 | .002    | 1        |
| S4        | 5.0000       | 4.9686      | -.031      | -.627   | .17201 | .001    | 1        |
| S5        | 10.000       | 10.221      | .221       | 2.21    | .35361 | .003    | 1        |

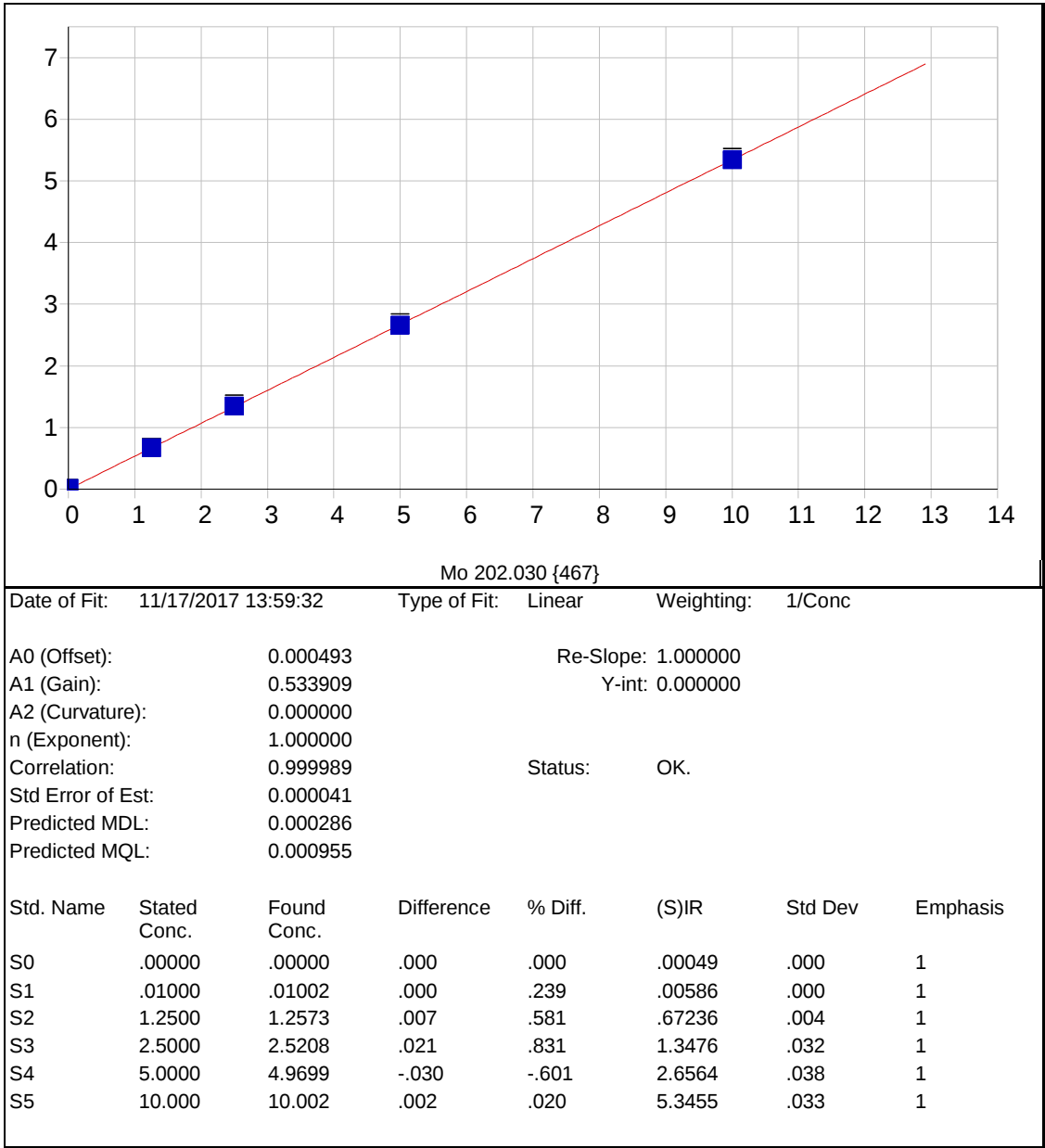


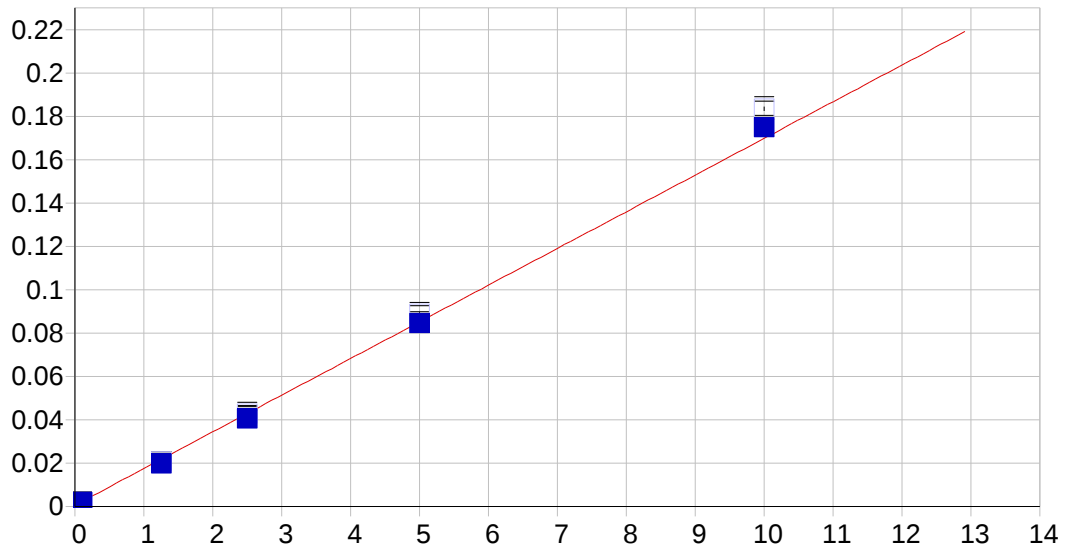
B 249.678 {135}

Date of Fit: 11/17/2017 13:59:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002380 Re-Slope: 1.000000  
 A1 (Gain): 0.422477 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999469 Status: OK.  
 Std Error of Est: 0.000228  
 Predicted MDL: 0.000876  
 Predicted MQL: 0.002919

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00238 | .000    | 1        |
| S1        | .01000       | .01011      | .000       | 1.14    | .00666 | .000    | 1        |
| S2        | 1.2500       | 1.3417      | .092       | 7.34    | .56260 | .003    | 1        |
| S3        | 2.5000       | 2.6031      | .103       | 4.13    | 1.0889 | .005    | 1        |
| S4        | 5.0000       | 5.0754      | .075       | 1.51    | 2.1201 | .006    | 1        |
| S5        | 10.000       | 9.7297      | -.270      | -2.70   | 4.0600 | .035    | 1        |





S 182.034 {485}

Date of Fit: 11/17/2017 13:59:32

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000580

Re-Slope: 1.000000

A1 (Gain): 0.016927

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999266

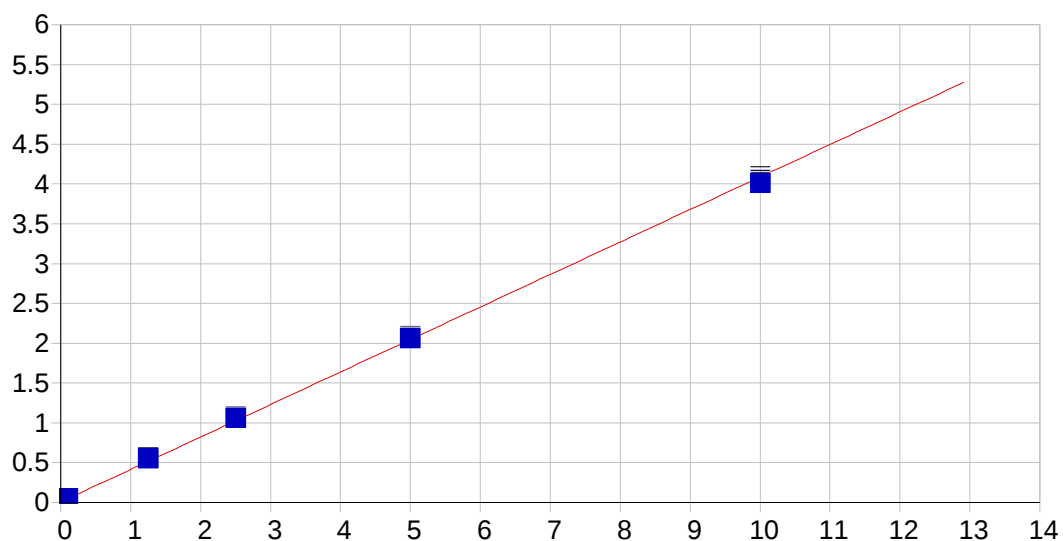
Status: OK.

Std Error of Est: 0.000036

Predicted MDL: 0.004361

Predicted MQL: 0.014538

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00003      | .000       | .000    | .00058 | .000    | 1        |
| S1        | .10000       | .08600      | -.014      | -14.0   | .00204 | .000    | 1        |
| S2        | 1.2500       | 1.1286      | -.121      | -9.71   | .02076 | .000    | 1        |
| S3        | 2.5000       | 2.3646      | -.135      | -5.42   | .04276 | .001    | 1        |
| S4        | 5.0000       | 4.9659      | -.034      | -.682   | .08894 | .001    | 1        |
| S5        | 10.000       | 10.304      | .304       | 3.04    | .18361 | .001    | 1        |

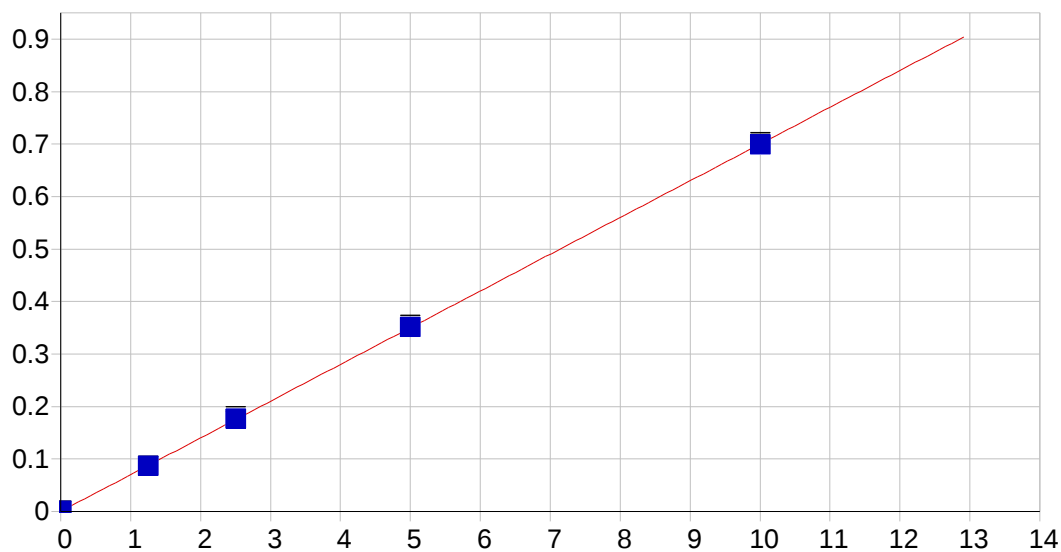


Si 251.611 {134}

Date of Fit: 11/17/2017 13:59:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.006335 Re-Slope: 1.000000  
 A1 (Gain): 0.408124 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999649 Status: OK.  
 Std Error of Est: 0.000582  
 Predicted MDL: 0.000935  
 Predicted MQL: 0.003116

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | .000       | .000    | .00633 | .000    | 1        |
| S1        | .10000       | .10469      | .005       | 4.69    | .04921 | .000    | 1        |
| S2        | 1.2500       | 1.3421      | .092       | 7.37    | .56010 | .003    | 1        |
| S3        | 2.5000       | 2.5776      | .078       | 3.10    | 1.0703 | .006    | 1        |
| S4        | 5.0000       | 5.0257      | .026       | .514    | 2.0815 | .003    | 1        |
| S5        | 10.000       | 9.7999      | -.200      | -2.00   | 4.0540 | .038    | 1        |

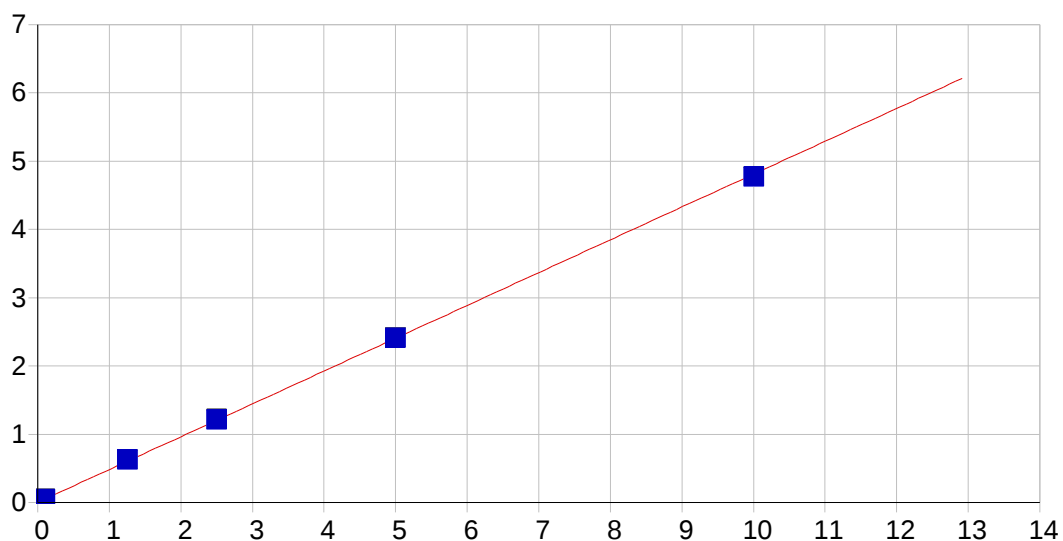


Sn 189.989 {478}

Date of Fit: 11/17/2017 13:59:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000132 Re-Slope: 1.000000  
 A1 (Gain): 0.069998 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999988 Status: OK.  
 Std Error of Est: 0.000005  
 Predicted MDL: 0.001083  
 Predicted MQL: 0.003609

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00013 | .000    | 1        |
| S1        | .00700       | .00766      | .001       | 9.37    | .00066 | .000    | 1        |
| S2        | 1.2500       | 1.2356      | -.014      | -1.15   | .08655 | .001    | 1        |
| S3        | 2.5000       | 2.5198      | .020       | .792    | .17638 | .004    | 1        |
| S4        | 5.0000       | 5.0144      | .014       | .288    | .35086 | .004    | 1        |
| S5        | 10.000       | 9.9795      | -.020      | -.205   | .69813 | .004    | 1        |

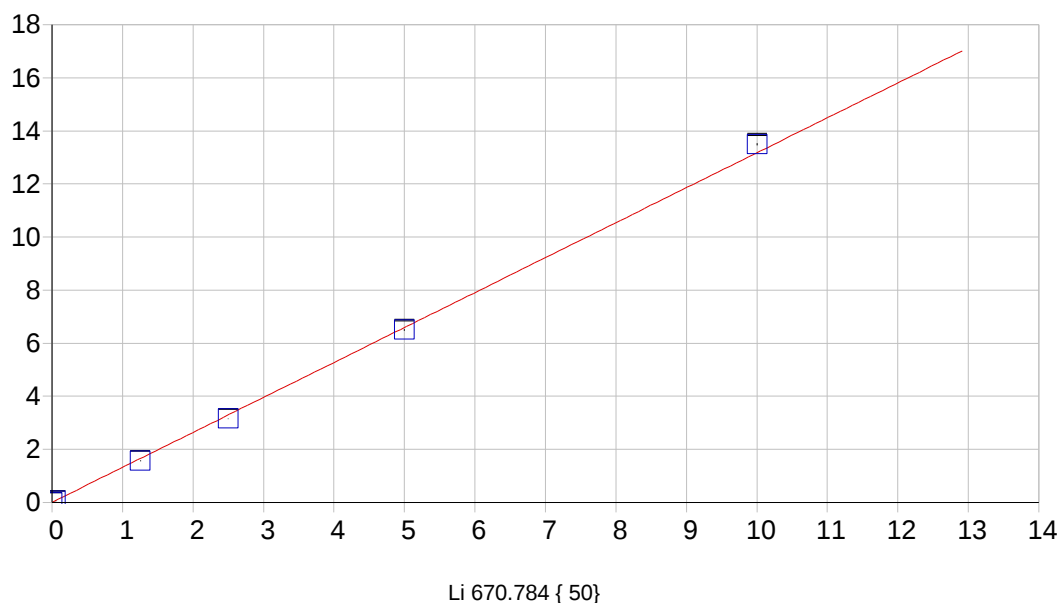


Ti 336.121 {100}

Date of Fit: 11/17/2017 13:59:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001697 Re-Slope: 1.000000  
 A1 (Gain): 0.480887 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999919 Status: OK.  
 Std Error of Est: 0.000325  
 Predicted MDL: 0.000850  
 Predicted MQL: 0.002833

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | .000       | .000    | .00169 | .000    | 1        |
| S1        | .10000       | .10405      | .004       | 4.05    | .05172 | .000    | 1        |
| S2        | 1.2500       | 1.2984      | .048       | 3.88    | .62590 | .004    | 1        |
| S3        | 2.5000       | 2.5277      | .028       | 1.11    | 1.2168 | .007    | 1        |
| S4        | 5.0000       | 5.0036      | .004       | .072    | 2.4070 | .009    | 1        |
| S5        | 10.000       | 9.9162      | -.084      | -.838   | 4.7686 | .001    | 1        |



Date of Fit: 11/17/2017 13:59:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.008285 Re-Slope: 1.000000  
 A1 (Gain): 1.316635 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999606 Status: OK.  
 Std Error of Est: 0.001387  
 Predicted MDL: 0.000962  
 Predicted MQL: 0.003205

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | .00830 | .001    | 1        |
| S5        | 10.000       | 10.241      | .241       | 2.41    | 13.492 | .036    | 1        |
| S4        | 5.0000       | 4.9324      | -.068      | -1.35   | 6.5025 | .025    | 1        |
| S3        | 2.5000       | 2.3899      | -.110      | -4.40   | 3.1549 | .013    | 1        |
| S2        | 1.2500       | 1.1921      | -.058      | -4.64   | 1.5778 | .001    | 1        |
| S1        | .05000       | .04473      | -.005      | -10.5   | .06718 | .001    | 1        |



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



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



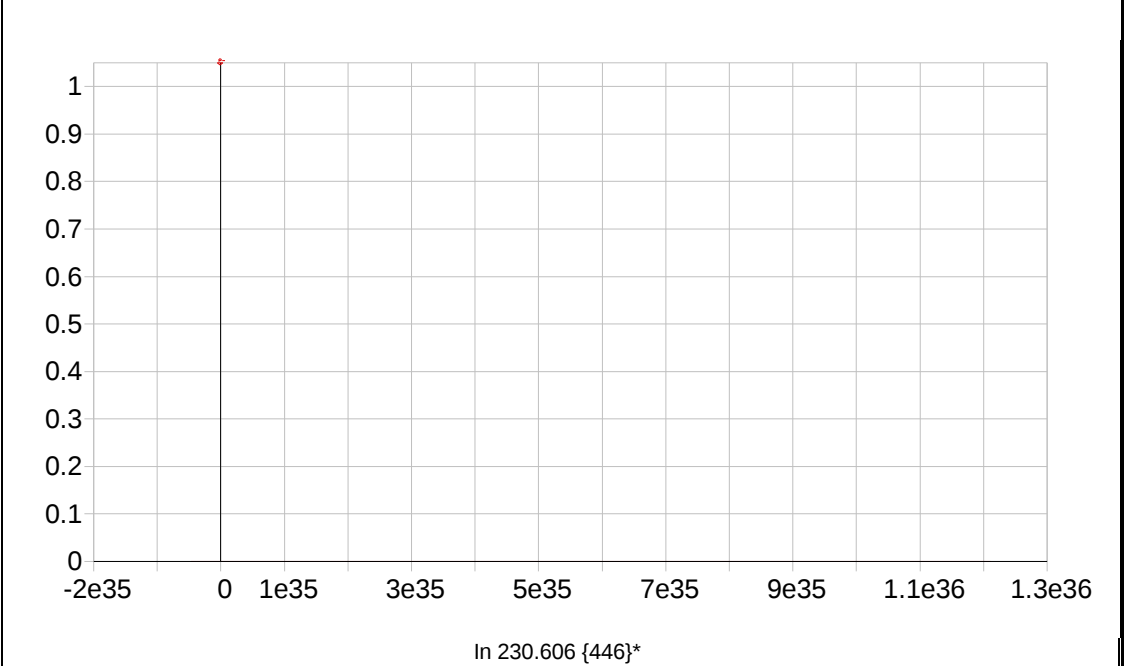
|              |           |              |        |            |        |
|--------------|-----------|--------------|--------|------------|--------|
| Date of Fit: | <not fit> | Type of Fit: | Linear | Weighting: | 1/Conc |
|--------------|-----------|--------------|--------|------------|--------|

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

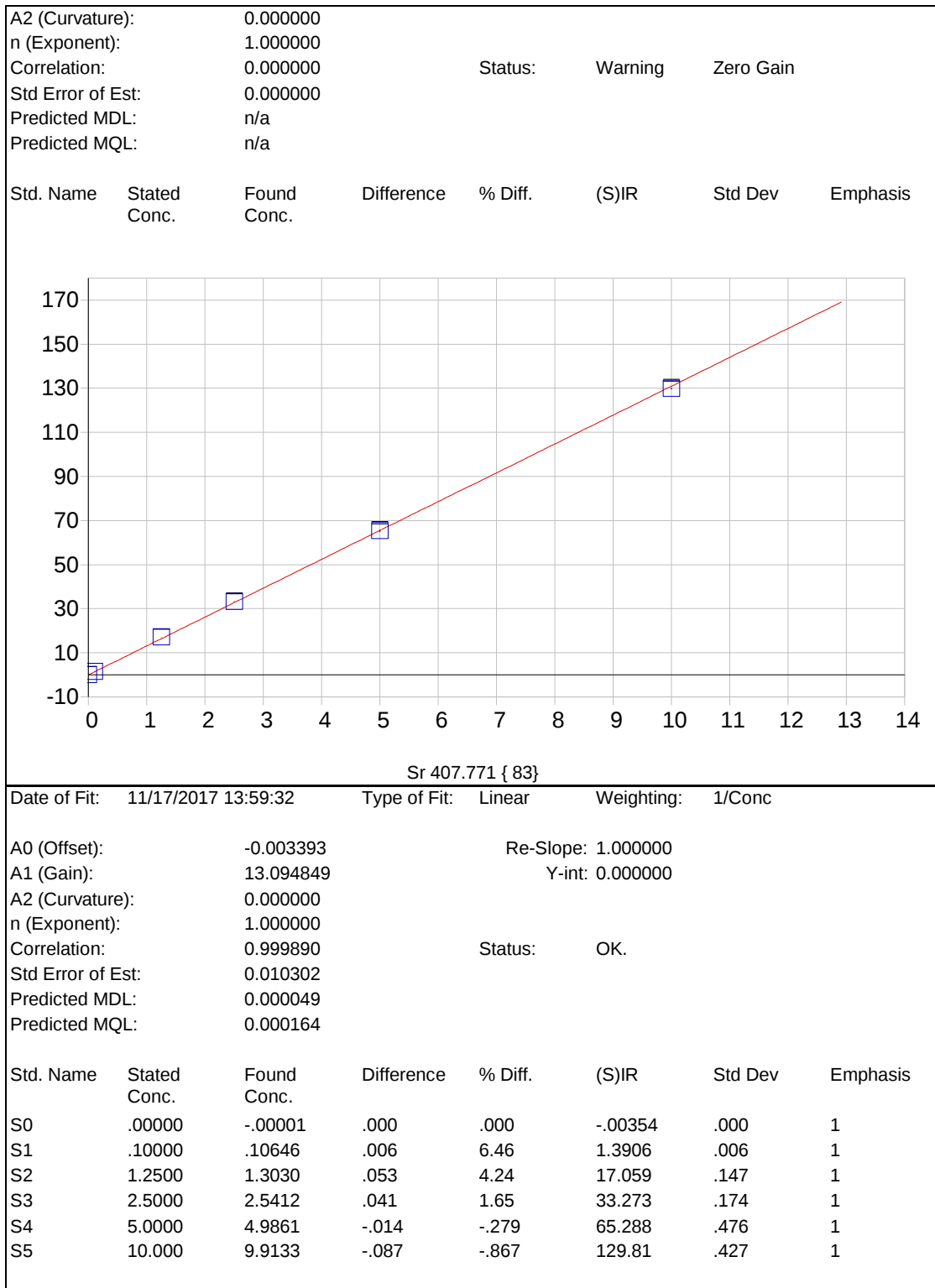


|                   |          |                           |
|-------------------|----------|---------------------------|
| A0 (Offset):      | 0.000000 | Re-Slope: 1.000000        |
| A1 (Gain):        | 0.000000 | Y-int: 0.000000           |
| A2 (Curvature):   | 0.000000 |                           |
| 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: 11/17/2017 13:35:31      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      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    | -.00022 | -.00006 | -.00015 | .00020  | .00019 | -.00011 | -.01112 | -.00204 |
| Stddev | .00005  | .00003  | .00008  | .00005  | .00009 | .00012  | .00104  | .00019  |
| %RSD   | 23.521  | 56.291  | 53.687  | 25.857  | 48.277 | 101.79  | 9.3494  | 9.3131  |
| #1     | -.00021 | -.00009 | -.00023 | .00026  | .00014 | -.00013 | -.01203 | -.00222 |
| #2     | -.00017 | -.00008 | -.00016 | .00017  | .00030 | -.00022 | -.01135 | -.00206 |
| #3     | -.00027 | -.00002 | -.00007 | .00017  | .00014 | .00001  | -.00999 | -.00184 |
| Elem   | Cd2144  | Ca3736  | Cr2677  | Co2286  | Cu3247 | Fe2598  | Mn2576  | Mg2790  |
| Units  | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S   | Cts/S   | Cts/S   |
| Avg    | -.00030 | .00150  | .00000  | -.00020 | .00186 | -.00006 | .00009  | -.00026 |
| Stddev | .00012  | .00033  | .0000   | .00006  | .00021 | .00011  | .00011  | .00006  |
| %RSD   | 39.847  | 22.073  | 700.53  | 31.369  | 11.125 | 186.70  | 121.29  | 22.763  |
| #1     | -.00043 | .00119  | -.00002 | -.00023 | .00205 | -.00010 | .00000  | -.00022 |
| #2     | -.00020 | .00185  | .00003  | -.00013 | .00187 | .00006  | .00022  | -.00022 |
| #3     | -.00027 | .00147  | -.00003 | -.00024 | .00164 | -.00014 | .00005  | -.00032 |
| 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    | -.00069 | -.00024 | -.00678 | -.00014 | .00020 | .00890  | .00012  | .00238  |
| Stddev | .00012  | .00005  | .00058  | .00010  | .00009 | .00060  | .00001  | .00029  |
| %RSD   | 16.852  | 19.333  | 8.6053  | 73.586  | 42.532 | 6.7105  | 7.2450  | 12.391  |
| #1     | -.00078 | -.00019 | -.00742 | -.00023 | .00011 | .00939  | .00011  | .00240  |
| #2     | -.00072 | -.00028 | -.00666 | -.00004 | .00022 | .00823  | .00013  | .00267  |
| #3     | -.00056 | -.00024 | -.00627 | -.00014 | .00027 | .00908  | .00012  | .00208  |
| 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    | .00049  | .00058  | .00633  | .00013  | .00169 | .00830  | -.00354 |         |
| Stddev | .00009  | .00008  | .00032  | .00003  | .00015 | .00104  | .00030  |         |
| %RSD   | 18.372  | 12.992  | 5.0935  | 19.369  | 8.8570 | 12.508  | 8.5135  |         |
| #1     | .00055  | .00067  | .00596  | .00015  | .00173 | .00829  | -.00367 |         |
| #2     | .00054  | .00053  | .00656  | .00010  | .00153 | .00726  | -.00376 |         |
| #3     | .00039  | .00055  | .00647  | .00015  | .00182 | .00934  | -.00320 |         |

Sample Name: S0      Acquired: 11/17/2017 13:35:31      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      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       | 1660.8 | 3194.8 | 47045. | 6852.6 | 4600.6 |
| Stddev    | 1.6    | 28.1   | 125.   | 29.3   | 32.5   |
| %RSD      | .09478 | .88091 | .26583 | .42717 | .70705 |
| #1        | 1658.9 | 3199.0 | 46986. | 6852.4 | 4609.3 |
| #2        | 1661.6 | 3220.7 | 46960. | 6823.5 | 4627.8 |
| #3        | 1661.8 | 3164.8 | 47188. | 6882.0 | 4564.6 |

Sample Name: S1      Acquired: 11/17/2017 13:39:39      Type: Cal  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      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    | .00044 | .00159 | .00133 | .00206 | .00885 | .01830 | .82908 | .02001 |
| Stddev | .00012 | .00004 | .00005 | .00010 | .00005 | .00023 | .00196 | .00017 |
| %RSD   | 27.483 | 2.7570 | 3.4307 | 5.0840 | .55290 | 1.2439 | .23679 | .82774 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00047 | .00164 | .00127 | .00199 | .00885 | .01833 | .83132 | .01990 |
| #2 | .00054 | .00156 | .00135 | .00218 | .00880 | .01851 | .82826 | .02020 |
| #3 | .00031 | .00159 | .00136 | .00201 | .00889 | .01806 | .82766 | .01993 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .00954 | .29861 | .00129 | .03474 | .00738 | .00243 | .00764 | .03842 |
| Stddev | .00014 | .00249 | .00001 | .00009 | .00028 | .00011 | .00018 | .00036 |
| %RSD   | 1.4689 | .83424 | .56286 | .25186 | 3.8557 | 4.6447 | 2.2940 | .94488 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00943 | .29658 | .00130 | .03467 | .00706 | .00252 | .00743 | .03860 |
| #2 | .00970 | .30139 | .00129 | .03484 | .00758 | .00248 | .00775 | .03866 |
| #3 | .00949 | .29786 | .00129 | .03470 | .00752 | .00230 | .00772 | .03801 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .01915 | .00294 | .03644 | .00485 | .01215 | .16712 | .00055 | .00666 |
| Stddev | .00021 | .00007 | .00036 | .00019 | .00036 | .00173 | .00009 | .00028 |
| %RSD   | 1.1058 | 2.4672 | .99083 | 3.9041 | 2.9624 | 1.0367 | 15.974 | 4.1317 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .01915 | .00286 | .03623 | .00507 | .01213 | .16880 | .00054 | .00636 |
| #2 | .01936 | .00301 | .03686 | .00477 | .01252 | .16723 | .00047 | .00676 |
| #3 | .01894 | .00295 | .03624 | .00472 | .01180 | .16534 | .00064 | .00688 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| 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    | .00586 | .00204 | .04921 | .00066 | .05172 | .06718 | 1.3906 |  |
| Stddev | .00018 | .00008 | .00048 | .00005 | .00003 | .00069 | .0063  |  |
| %RSD   | 3.0381 | 3.8787 | .96880 | 6.8669 | .06321 | 1.0287 | .45095 |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | .00595 | .00199 | .04970 | .00071 | .05168 | .06785 | 1.3892 |  |
| #2 | .00597 | .00213 | .04919 | .00065 | .05174 | .06647 | 1.3975 |  |
| #3 | .00565 | .00199 | .04874 | .00062 | .05174 | .06721 | 1.3852 |  |

Sample Name: S1      Acquired: 11/17/2017 13:39:39      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      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       | 1676.5 | 3222.9 | 47422. | 6984.2 | 4540.2 |
| Stddev    | 15.9   | 30.6   | 250.   | 19.3   | 35.2   |
| %RSD      | .94658 | .94961 | .52823 | .27612 | .77565 |
| #1        | 1661.0 | 3189.8 | 47193. | 6990.0 | 4505.8 |
| #2        | 1675.9 | 3228.9 | 47382. | 6962.7 | 4538.6 |
| #3        | 1692.7 | 3250.1 | 47689. | 7000.0 | 4576.2 |

Sample Name: S2      Acquired: 11/17/2017 13:43:47      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      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    | .04700 | .07926 | .97394 | .06754 | .18157 | 3.3541 | 10.363 | .51127 |
| Stddev | .00011 | .00007 | .00596 | .00027 | .00094 | .0172  | .023   | .00195 |
| %RSD   | .22799 | .09214 | .61238 | .39621 | .51633 | .51380 | .22581 | .38072 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .04708 | .07926 | .96972 | .06725 | .18094 | 3.3715 | 10.376 | .51180 |
| #2 | .04688 | .07918 | .97133 | .06758 | .18112 | 3.3370 | 10.336 | .51289 |
| #3 | .04705 | .07933 | .98076 | .06778 | .18265 | 3.3538 | 10.378 | .50911 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 1.2494 | 3.7036 | .47738 | .45379 | .78759 | .85560 | 1.8653 | .47862 |
| Stddev | .0097  | .0088  | .00392 | .00361 | .00503 | .00330 | .0016  | .00137 |
| %RSD   | .77865 | .23660 | .82213 | .79643 | .63839 | .38535 | .08802 | .28649 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.2439 | 3.7038 | .47716 | .45166 | .79327 | .85941 | 1.8668 | .47991 |
| #2 | 1.2436 | 3.7122 | .48141 | .45174 | .78373 | .85385 | 1.8635 | .47876 |
| #3 | 1.2606 | 3.6947 | .47357 | .45796 | .78575 | .85355 | 1.8656 | .47718 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .31045 | .08523 | .32009 | .05742 | .75422 | 1.1873 | .04025 | .56260 |
| Stddev | .00104 | .00081 | .00252 | .00052 | .00529 | .0082  | .00022 | .00275 |
| %RSD   | .33401 | .94526 | .78705 | .91186 | .70073 | .69260 | .54099 | .48852 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .30960 | .08519 | .32300 | .05800 | .75973 | 1.1960 | .04032 | .56384 |
| #2 | .31015 | .08606 | .31863 | .05726 | .75373 | 1.1797 | .04000 | .56451 |
| #3 | .31161 | .08445 | .31864 | .05699 | .74919 | 1.1861 | .04041 | .55945 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| 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    | .67236 | .02076 | .56010 | .08655 | .62590 | 1.5778 | 17.059 |  |
| Stddev | .00406 | .00007 | .00290 | .00061 | .00403 | .0008  | .147   |  |
| %RSD   | .60333 | .31841 | .51754 | .70139 | .64450 | .04731 | .86177 |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | .66960 | .02069 | .56113 | .08650 | .63044 | 1.5770 | 17.225 |  |
| #2 | .67047 | .02081 | .56234 | .08597 | .62272 | 1.5778 | 16.947 |  |
| #3 | .67702 | .02078 | .55683 | .08718 | .62454 | 1.5785 | 17.004 |  |

Sample Name: S2      Acquired: 11/17/2017 13:43:47      Type: Cal  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      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       | 1556.0 | 3026.0 | 43804. | 6846.0 | 3898.8 |
| Stddev    | 9.0    | 12.0   | 403.   | 26.6   | 18.1   |
| %RSD      | .57832 | .39595 | .91914 | .38857 | .46552 |
| #1        | 1551.6 | 3030.1 | 43764. | 6841.1 | 3904.4 |
| #2        | 1550.0 | 3035.5 | 43423. | 6822.2 | 3913.5 |
| #3        | 1566.3 | 3012.6 | 44225. | 6874.7 | 3878.5 |

Sample Name: S3      Acquired: 11/17/2017 13:47:39      Type: Cal  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      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    | .09627 | .15439 | 1.9675 | .13843 | .36903 | 6.5964 | 20.469 | .99535 |
| Stddev | .00236 | .00374 | .0462  | .00324 | .00829 | .0432  | .084   | .00424 |
| %RSD   | 2.4479 | 2.4193 | 2.3500 | 2.3422 | 2.2466 | .65503 | .40879 | .42619 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .09494 | .15124 | 1.9420 | .13638 | .36430 | 6.5688 | 20.379 | .99429 |
| #2 | .09489 | .15342 | 1.9397 | .13673 | .36419 | 6.6462 | 20.544 | 1.0000 |
| #3 | .09899 | .15852 | 2.0209 | .14216 | .37861 | 6.5742 | 20.483 | .99174 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 2.5557 | 7.2655 | .92494 | .92718 | 1.5143 | 1.6518 | 3.6180 | .95219 |
| Stddev | .0618  | .0252  | .00137 | .02159 | .0128  | .0073  | .0053  | .00399 |
| %RSD   | 2.4186 | .34665 | .14857 | 2.3281 | .84644 | .44085 | .14553 | .41890 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.5233 | 7.2510 | .92645 | .91506 | 1.5052 | 1.6527 | 3.6183 | .95108 |
| #2 | 2.5169 | 7.2946 | .92462 | .91437 | 1.5290 | 1.6586 | 3.6230 | .95661 |
| #3 | 2.6270 | 7.2509 | .92376 | .95210 | 1.5087 | 1.6441 | 3.6125 | .94886 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .62360 | .17368 | .63961 | .11208 | 1.5231 | 2.3193 | .08314 | 1.0889 |
| Stddev | .01449 | .00019 | .00306 | .00055 | .0080  | .0151  | .00203 | .0052  |
| %RSD   | 2.3243 | .11189 | .47794 | .48815 | .52795 | .65118 | 2.4463 | .48073 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .61584 | .17387 | .63776 | .11199 | 1.5205 | 2.3064 | .08130 | 1.0857 |
| #2 | .61465 | .17348 | .64313 | .11267 | 1.5321 | 2.3359 | .08280 | 1.0950 |
| #3 | .64033 | .17370 | .63792 | .11159 | 1.5167 | 2.3157 | .08532 | 1.0861 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| 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    | 1.3476 | .04276 | 1.0703 | .17638 | 1.2168 | 3.1549 | 33.273 |  |
| Stddev | .0323  | .00078 | .0062  | .00415 | .0071  | .0127  | .174   |  |
| %RSD   | 2.3981 | 1.8323 | .57476 | 2.3523 | .57980 | .40425 | .52251 |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | 1.3288 | .04204 | 1.0689 | .17380 | 1.2101 | 3.1416 | 33.168 |  |
| #2 | 1.3291 | .04265 | 1.0771 | .17417 | 1.2242 | 3.1562 | 33.473 |  |
| #3 | 1.3849 | .04359 | 1.0650 | .18116 | 1.2162 | 3.1670 | 33.177 |  |

Sample Name: S3      Acquired: 11/17/2017 13:47:39      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      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       | 1496.4 | 2875.2 | 42592. | 6860.9 | 3601.2 |
| Stddev    | 7.7    | 56.5   | 84.    | 43.1   | 70.1   |
| %RSD      | .51426 | 1.9664 | .19775 | .62792 | 1.9476 |
| #1        | 1502.4 | 2903.8 | 42650. | 6878.3 | 3641.7 |
| #2        | 1487.8 | 2911.8 | 42496. | 6811.9 | 3641.6 |
| #3        | 1499.2 | 2810.1 | 42631. | 6892.7 | 3520.2 |

Sample Name: S4      Acquired: 11/17/2017 13:51:29      Type: Cal  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      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    | .19591 | .29612 | 3.9073 | .27920 | .74368 | 13.372 | 41.106 | 1.9751 |
| Stddev | .00295 | .00206 | .0494  | .00457 | .01153 | .029   | .184   | .0010  |
| %RSD   | 1.5038 | .69446 | 1.2651 | 1.6363 | 1.5503 | .21957 | .44798 | .05166 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .19368 | .29392 | 3.8775 | .27643 | .73900 | 13.344 | 40.982 | 1.9763 |
| #2 | .19480 | .29645 | 3.8800 | .27669 | .73523 | 13.402 | 41.317 | 1.9745 |
| #3 | .19925 | .29799 | 3.9644 | .28447 | .75682 | 13.369 | 41.018 | 1.9745 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 | Mn2576 | Mg2790 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 5.0922 | 14.565 | 1.8228 | 1.8483 | 3.0078 | 3.2414 | 7.0973 | 1.9314 |
| Stddev | .0564  | .061   | .0036  | .0230  | .0096  | .0097  | .0159  | .0063  |
| %RSD   | 1.1068 | .42208 | .19974 | 1.2453 | .32024 | .29772 | .22415 | .32784 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 5.0526 | 14.578 | 1.8266 | 1.8351 | 2.9973 | 3.2380 | 7.0972 | 1.9272 |
| #2 | 5.0674 | 14.619 | 1.8225 | 1.8349 | 3.0162 | 3.2523 | 7.1132 | 1.9387 |
| #3 | 5.1567 | 14.498 | 1.8194 | 1.8749 | 3.0100 | 3.2340 | 7.0814 | 1.9283 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 1.2285 | .36335 | 1.2979 | .22091 | 3.1674 | 4.6831 | .17201 | 2.1201 |
| Stddev | .0143  | .00317 | .0019  | .00074 | .0286  | .0080  | .00101 | .0057  |
| %RSD   | 1.1604 | .87133 | .15022 | .33554 | .90316 | .17193 | .58747 | .26838 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.2197 | .36570 | 1.2958 | .22064 | 3.1939 | 4.6752 | .17084 | 2.1233 |
| #2 | 1.2208 | .36459 | 1.2996 | .22174 | 3.1712 | 4.6830 | .17251 | 2.1235 |
| #3 | 1.2450 | .35975 | 1.2984 | .22034 | 3.1371 | 4.6913 | .17267 | 2.1136 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| 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    | 2.6564 | .08894 | 2.0815 | .35086 | 2.4070 | 6.5025 | 65.288 |  |
| Stddev | .0376  | .00076 | .0029  | .00379 | .0090  | .0250  | .476   |  |
| %RSD   | 1.4134 | .85392 | .13998 | 1.0800 | .37510 | .38454 | .72881 |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | 2.6361 | .08829 | 2.0809 | .34870 | 2.4028 | 6.4867 | 65.718 |  |
| #2 | 2.6334 | .08877 | 2.0846 | .34864 | 2.4174 | 6.5313 | 65.370 |  |
| #3 | 2.6997 | .08977 | 2.0789 | .35523 | 2.4010 | 6.4894 | 64.777 |  |

Sample Name: S4      Acquired: 11/17/2017 13:51:29      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      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       | 1394.6 | 2722.3 | 40415. | 6740.6 | 3322.6 |
| Stddev    | 12.3   | 39.2   | 290.   | 21.3   | 40.6   |
| %RSD      | .87892 | 1.4395 | .71773 | .31553 | 1.2230 |
| #1        | 1382.7 | 2740.9 | 40192. | 6732.4 | 3344.0 |
| #2        | 1393.9 | 2748.7 | 40310. | 6724.7 | 3348.1 |
| #3        | 1407.1 | 2677.3 | 40743. | 6764.8 | 3275.8 |

Sample Name: S5      Acquired: 11/17/2017 13:55:34      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      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    | .40992 | .57101 | 7.7890 | .57965 | 1.5555 | 27.322 | 82.800 | 3.9308 |
| Stddev | .00278 | .00423 | .0478  | .00413 | .0106  | .044   | .493   | .0373  |
| %RSD   | .67779 | .74111 | .61365 | .71191 | .68230 | .16003 | .59507 | .94885 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .40976 | .57056 | 7.7879 | .57847 | 1.5575 | 27.271 | 83.289 | 3.8945 |
| #2 | .40722 | .56702 | 7.7418 | .57624 | 1.5440 | 27.346 | 82.806 | 3.9289 |
| #3 | .41277 | .57545 | 7.8374 | .58424 | 1.5649 | 27.348 | 82.304 | 3.9691 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 | Mn2576 | Mg2790 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 10.194 | 28.913 | 3.5693 | 3.7134 | 6.0403 | 6.3022 | 13.896 | 3.8888 |
| Stddev | .056   | .049   | .0092  | .0193  | .0054  | .0140  | .022   | .0087  |
| %RSD   | .54690 | .17089 | .25895 | .52114 | .08887 | .22208 | .15692 | .22465 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 10.194 | 28.862 | 3.5621 | 3.7133 | 6.0355 | 6.2888 | 13.874 | 3.8819 |
| #2 | 10.138 | 28.918 | 3.5660 | 3.6941 | 6.0461 | 6.3012 | 13.898 | 3.8860 |
| #3 | 10.250 | 28.960 | 3.5797 | 3.7328 | 6.0394 | 6.3167 | 13.917 | 3.8986 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 2.4334 | .77080 | 2.6374 | .43641 | 6.7655 | 9.5258 | .35361 | 4.0600 |
| Stddev | .0157  | .00092 | .0019  | .00196 | .0296  | .0103  | .00313 | .0350  |
| %RSD   | .64539 | .11962 | .07014 | .44958 | .43728 | .10817 | .88447 | .86243 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.4367 | .77170 | 2.6358 | .43652 | 6.7906 | 9.5141 | .35405 | 4.0260 |
| #2 | 2.4163 | .76986 | 2.6394 | .43440 | 6.7731 | 9.5337 | .35028 | 4.0582 |
| #3 | 2.4472 | .77085 | 2.6369 | .43832 | 6.7329 | 9.5295 | .35649 | 4.0959 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| 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    | 5.3455 | .18361 | 4.0540 | .69813 | 4.7686 | 13.492 | 129.81 |  |
| Stddev | .0331  | .00102 | .0381  | .00423 | .0009  | .036   | .43    |  |
| %RSD   | .62020 | .55519 | .94055 | .60553 | .01941 | .26621 | .32863 |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | 5.3475 | .18399 | 4.0134 | .69862 | 4.7690 | 13.516 | 129.48 |  |
| #2 | 5.3114 | .18245 | 4.0595 | .69368 | 4.7693 | 13.509 | 129.66 |  |
| #3 | 5.3776 | .18438 | 4.0891 | .70210 | 4.7676 | 13.451 | 130.29 |  |

Sample Name: S5      Acquired: 11/17/2017 13:55:34      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      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       | 1235.5 | 2461.7 | 37594. | 6534.1 | 2960.1 |
| Stddev    | 4.1    | 14.0   | 95.    | 40.4   | 17.3   |
| %RSD      | .33587 | .56969 | .25280 | .61790 | .58346 |
| #1        | 1233.2 | 2461.0 | 37511. | 6577.9 | 2959.3 |
| #2        | 1233.0 | 2476.1 | 37573. | 6526.2 | 2977.7 |
| #3        | 1240.3 | 2448.0 | 37698. | 6498.3 | 2943.2 |

Sample Name: S6      Acquired: 11/17/2017 13:59:37      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      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    | 73.225 | 48.768 | 17.307 | 6.4690 | 7.4886 |
| Stddev | .640   | .246   | .067   | .0268  | .0482  |
| %RSD   | .87446 | .50398 | .38587 | .41441 | .64324 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 73.822 | 48.691 | 17.300 | 6.4631 | 7.5380 |
| #2 | 72.549 | 48.570 | 17.244 | 6.4457 | 7.4418 |
| #3 | 73.304 | 49.043 | 17.377 | 6.4983 | 7.4860 |

|           |        |
|-----------|--------|
| Int. Std. | Y_3710 |
| Units     | Cts/S  |
| Avg       | 6152.7 |
| Stddev    | 11.8   |
| %RSD      | .19129 |

|    |        |
|----|--------|
| #1 | 6143.1 |
| #2 | 6165.8 |
| #3 | 6149.0 |

Sample Name: ICV      Acquired: 11/17/2017 14:03:51      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      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    | .9804223 | F 1.140356 | 1.019269 | 1.014348 | .9474692 | 2.323140 |
| Stddev | .0112756 | .013928    | .010468  | .009530  | .0089202 | .002858  |
| %RSD   | 1.150073 | 1.221366   | 1.027023 | .9394995 | .9414809 | .1230247 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .9806806 | 1.140202 | 1.023063 | 1.018720 | .9524338 | 2.323014 |
| #2 | .9915665 | 1.154361 | 1.027311 | 1.020908 | .9528025 | 2.326059 |
| #3 | .9690198 | 1.126506 | 1.007433 | 1.003417 | .9371711 | 2.320347 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5136998 | .5135913 | .4861644 | 9.959295 | .5310286 | .4901377 |
| Stddev | .0008906 | .0041610 | .0075715 | .034489  | .0010402 | .0067602 |
| %RSD   | .1733684 | .8101842 | 1.557397 | .3462996 | .1958825 | 1.379242 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5139361 | .5179086 | .4903013 | 9.987948 | .5317004 | .4944647 |
| #2 | .5144484 | .5096065 | .4907662 | 9.968921 | .5298304 | .4936008 |
| #3 | .5127149 | .5132587 | .4774257 | 9.921016 | .5315549 | .4823477 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | .5081855 | 5.335584 | .5394130 | 5.693543 | .4952863 | F .5645204 |
| Stddev | .0016844 | .022414  | .0015623 | .062693  | .0068490 | .0008078   |
| %RSD   | .3314493 | .4200843 | .2896215 | 1.101119 | 1.382848 | .1430895   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5067571 | 5.357571 | .5407778 | 5.693469 | .4989461 | .5654022 |
| #2 | .5100429 | 5.312767 | .5397522 | 5.756272 | .4995279 | .5638163 |
| #3 | .5077566 | 5.336414 | .5377090 | 5.630887 | .4873848 | .5643426 |

|        |          |          |          |          |            |            |
|--------|----------|----------|----------|----------|------------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm        |
| Avg    | 9.541439 | .5438786 | .9496509 | 9.408457 | F -.001118 | F -.008514 |
| Stddev | .049079  | .0029082 | .0134364 | .023366  | .001067    | .000457    |
| %RSD   | .5143798 | .5347164 | 1.414878 | .2483518 | 95.44310   | 5.372864   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.496250 | .5405844 | .9360057 | 9.427712 | -.000221 | -.008919 |
| #2 | 9.593652 | .5460906 | .9628683 | 9.415197 | -.002298 | -.008018 |
| #3 | 9.534416 | .5449607 | .9500787 | 9.382462 | -.000835 | -.008605 |

Sample Name: ICV      Acquired: 11/17/2017 14:03:51      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: ICV      Custom ID2:      Custom ID3:  
Comment:

|        |                                             |          |          |                                             |          |          |
|--------|---------------------------------------------|----------|----------|---------------------------------------------|----------|----------|
| Elem   | Mo2020                                      | S_1820   | Si2516   | Sn1899                                      | Ti3361   | Li6707   |
| Units  | ppm                                         | ppm      | ppm      | ppm                                         | ppm      | ppm      |
| Avg    | <span style="color: red;">F</span> -.000038 | -.010668 | -.007593 | <span style="color: red;">F</span> -.000669 | -.000831 | .0044186 |
| Stddev | .000061                                     | .004184  | .000152  | .000760                                     | .000129  | .0009323 |
| %RSD   | 161.0574                                    | 39.22362 | 2.007924 | 113.5426                                    | 15.50392 | 21.09949 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.000082 | -.005925 | -.007597 | -.001161 | -.000878 | .0053572 |
| #2 | -.000062 | -.013838 | -.007744 | .000206  | -.000930 | .0044057 |
| #3 | .000031  | -.012242 | -.007439 | -.001053 | -.000686 | .0034928 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0121203 |
| Stddev | .0000954 |
| %RSD   | .7873639 |

|    |          |
|----|----------|
| #1 | .0122231 |
| #2 | .0120345 |
| #3 | .0121032 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1624.386 | 3153.950 | 45721.57 | 7196.140 | 4373.507 |
| Stddev    | 6.310    | 21.097   | 113.53   | 24.132   | 39.507   |
| %RSD      | .3884656 | .6688976 | .2483117 | .3353522 | .9033201 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1630.449 | 3152.653 | 45839.40 | 7170.309 | 4370.775 |
| #2 | 1617.855 | 3133.531 | 45612.89 | 7218.107 | 4335.437 |
| #3 | 1624.853 | 3175.665 | 45712.42 | 7200.005 | 4414.309 |

Sample Name: ICB      Acquired: 11/17/2017 14:07:50      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      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    | .0042829 | -.001344 | .0006494 | .0000513 | .0004782 | -.001060 | -.000537 |
| Stddev | .0027056 | .001029  | .0003676 | .0012920 | .0007928 | .000441  | .000232  |
| %RSD   | 63.17375 | 76.59493 | 56.60830 | 2520.309 | 165.7871 | 41.62608 | 43.17737 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0046649 | -.002519 | .0003434 | -.001432 | -.000312 | -.001281 | -.000743 |
| #2 | .0067772 | -.000603 | .0005476 | .000935  | .001274  | -.000552 | -.000580 |
| #3 | .0014065 | -.000910 | .0010572 | .000651  | .000473  | -.001347 | -.000286 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000025 | -.000010 | -.000168 | .0000334 | .0000462 | .0014054 | .0089012 |
| Stddev | .000008  | .000047  | .005775  | .0003228 | .0000970 | .0012437 | .0009303 |
| %RSD   | 32.59042 | 493.6392 | 3443.999 | 966.2987 | 210.1427 | 88.49877 | 10.45126 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000030 | -.000049 | -.005807 | -.000338 | -.000053 | .0015142 | .0085908 |
| #2 | -.000016 | .000043  | .005735  | .000190  | .000050  | .0001108 | .0099471 |
| #3 | -.000030 | -.000022 | -.000431 | .000248  | .000141  | .0025911 | .0081659 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000378 | -.002213 | -.000257 | .0004147 | -.057063 | .0035286 | -.000702 |
| Stddev | .000169  | .024679  | .000208  | .0001830 | .126193  | .0009389 | .001342  |
| %RSD   | 44.71402 | 1115.201 | 80.94848 | 44.11576 | 221.1480 | 26.60909 | 191.2788 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000433 | -.020517 | -.000493 | .0006223 | -.107234 | .0038454 | -.001830 |
| #2 | -.000513 | .025855  | -.000178 | .0003448 | -.150455 | .0024722 | .000783  |
| #3 | -.000188 | -.011977 | -.000100 | .0002770 | .086500  | .0042681 | -.001058 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.055996 | -.000400 | .0018914 | -.000000 | -.010518 | -.010080 | .0001948 |
| Stddev | .026053  | .001295  | .0006741 | .000267  | .004927  | .000921  | .0002378 |
| %RSD   | 46.52698 | 323.9748 | 35.64141 | 139855.9 | 46.84091 | 9.134646 | 122.0562 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.031740 | -.001088 | .0020883 | .000066  | -.012596 | -.010886 | .0003094 |
| #2 | -.083535 | .001094  | .0024450 | .000227  | -.014064 | -.009077 | .0003536 |
| #3 | -.052712 | -.001206 | .0011407 | -.000294 | -.004892 | -.010277 | -.000079 |

Sample Name: ICB      Acquired: 11/17/2017 14:07:50      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      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    | -.000334 | .0017768 | -.000006 |
| Stddev | .000722  | .0005006 | .000013  |
| %RSD   | 215.7361 | 28.17218 | 202.0020 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.000331 | .0023366 | -.000021 |
| #2 | .000385  | .0016216 | .000003  |
| #3 | -.001058 | .0013722 | -.000001 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1647.128 | 3174.471 | 46944.46 | 7166.606 | 4579.912 |
| Stddev    | 16.326   | 46.548   | 505.80   | 28.907   | 68.805   |
| %RSD      | .9911875 | 1.466330 | 1.077446 | .4033600 | 1.502332 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1645.807 | 3135.134 | 46703.67 | 7152.539 | 4513.576 |
| #2 | 1631.502 | 3162.418 | 46604.04 | 7199.854 | 4575.213 |
| #3 | 1664.074 | 3225.860 | 47525.67 | 7147.425 | 4650.946 |

Sample Name: ICSA      Acquired: 11/17/2017 14:20:28      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: ICSA      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000973 | .0085041 | -.007704 | -.004395 | .0049357 | 235.2399 |
| Stddev | .002390  | .0043764 | .001454  | .000621  | .0005575 | 1.3741   |
| %RSD   | 245.6559 | 51.46195 | 18.87993 | 14.13359 | 11.29488 | .5841447 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .001720  | .0097442 | -.006661 | -.005017 | .0044973 | 235.9020 |
| #2 | -.001797 | .0121265 | -.009365 | -.003775 | .0055631 | 236.1575 |
| #3 | -.002842 | .0036415 | -.007085 | -.004394 | .0047468 | 233.6600 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0064587 | .0014173 | -.000653 | 240.7004 | .0532007 | .0009294 |
| Stddev | .0003594 | .0001302 | .000066  | 1.3989   | .0009009 | .0001425 |
| %RSD   | 5.564434 | 9.188044 | 10.12457 | .5811666 | 1.693377 | 15.33688 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0068627 | .0015661 | -.000709 | 241.4843 | .0528543 | .0010833 |
| #2 | .0063390 | .0013246 | -.000669 | 241.5316 | .0542234 | .0008019 |
| #3 | .0061745 | .0013611 | -.000580 | 239.0853 | .0525244 | .0009030 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0018563 | 100.4877 | .0183308 | 249.5078 | .0011682 | .0011101 |
| Stddev | .0002619 | .6719    | .0005099 | 1.7081   | .0003378 | .0001396 |
| %RSD   | 14.10697 | .6686217 | 2.781445 | .6845693 | 28.91206 | 12.57850 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0015805 | 100.9481 | .0188281 | 250.4100 | .0010538 | .0012306 |
| #2 | .0021016 | 100.7984 | .0183551 | 250.5755 | .0015483 | .0011427 |
| #3 | .0018867 | 99.7167  | .0178093 | 247.5378 | .0009025 | .0009571 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 1.254494 | .0037633 | -.027979 | .4265234 | -.002016 | F -.268753 |
| Stddev | .114967  | .0026904 | .002473  | .0270626 | .001023  | .000572    |
| %RSD   | 9.164399 | 71.49147 | 8.838256 | 6.344925 | 50.75982 | .2126602   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.384008 | .0054818 | -.028756 | .4064192 | -.000984 | -.268676 |
| #2 | 1.164497 | .0051453 | -.025211 | .4572938 | -.003030 | -.268224 |
| #3 | 1.214978 | .0006627 | -.029971 | .4158571 | -.002033 | -.269359 |

Sample Name: ICSA      Acquired: 11/17/2017 14:20:28      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: ICSA      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0012784 | .0213818 | -.008947 | .0002123 | -.001407 | .0199488 |
| Stddev | .0004340 | .0014276 | .000359  | .0010763 | .000494  | .0013751 |
| %RSD   | 33.94912 | 6.676876 | 4.010745 | 506.9812 | 35.11212 | 6.893217 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0013402 | .0211990 | -.008594 | .0014179 | -.001388 | .0209898 |
| #2 | .0008168 | .0200544 | -.009311 | -.000652 | -.001910 | .0183899 |
| #3 | .0016782 | .0228921 | -.008936 | -.000129 | -.000923 | .0204665 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .1049272 |
| Stddev | .0007749 |
| %RSD   | .7385152 |

|    |          |
|----|----------|
| #1 | .1054194 |
| #2 | .1053282 |
| #3 | .1040339 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1420.647 | 2852.470 | 39863.14 | 6893.135 | 3497.355 |
| Stddev    | 10.690   | 54.371   | 168.62   | 27.814   | 58.397   |
| %RSD      | .7524582 | 1.906086 | .4229882 | .4034973 | 1.669740 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1421.160 | 2800.907 | 39716.06 | 6881.575 | 3446.579 |
| #2 | 1409.711 | 2909.269 | 39826.20 | 6872.964 | 3561.169 |
| #3 | 1431.072 | 2847.234 | 40047.17 | 6924.864 | 3484.317 |

Sample Name: ICSAB      Acquired: 11/17/2017 14:24:41      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      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    | .0926522 | .1302604 | .0476805 | .0482953 | .5748433 | 228.6188 |
| Stddev | .0046218 | .0046295 | .0029548 | .0041310 | .0040668 | .6854    |
| %RSD   | 4.988342 | 3.554013 | 6.197077 | 8.553681 | .7074665 | .2998037 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0875991 | .1323263 | .0505391 | .0454057 | .5786674 | 228.6504 |
| #2 | .0936919 | .1249577 | .0446380 | .0464534 | .5705709 | 229.2879 |
| #3 | .0966657 | .1334973 | .0478644 | .0530269 | .5752917 | 227.9182 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5109305 | .4996801 | 1.051220 | 235.5375 | .5666075 | .5184542 |
| Stddev | .0012166 | .0034101 | .011017  | .1097    | .0034622 | .0053915 |
| %RSD   | .2381103 | .6824587 | 1.048042 | .0465837 | .6110367 | 1.039919 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5118924 | .4979260 | 1.049584 | 235.6549 | .5673515 | .5174082 |
| #2 | .5113363 | .5036102 | 1.041112 | 235.5202 | .5696372 | .5136624 |
| #3 | .5095629 | .4975041 | 1.062963 | 235.4375 | .5628338 | .5242921 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4806023 | 98.01589 | .5264555 | 244.1803 | 1.005038 | .2387256 |
| Stddev | .0043487 | .24007   | .0012288 | .2222    | .011763  | .0020123 |
| %RSD   | .9048475 | .2449257 | .2334014 | .0910082 | 1.170407 | .8429193 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4796596 | 98.00175 | .5278506 | 244.1128 | 1.001461 | .2406304 |
| #2 | .4853450 | 98.26271 | .5259816 | 244.4284 | .995478  | .2389255 |
| #3 | .4768022 | 97.78320 | .5255342 | 243.9996 | 1.018174 | .2366208 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | .2442606 | .4993834 | .9656547 | .2932216 | -.006013 | F .7845816 |
| Stddev | .1423255 | .0020390 | .0129692 | .0150633 | .000183  | .0057704   |
| %RSD   | 58.26788 | .4082951 | 1.343046 | 5.137163 | 3.040193 | .7354785   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4073638 | .5015376 | .9804867 | .2989574 | -.006136 | .7832359 |
| #2 | .1452576 | .4974836 | .9564478 | .3045745 | -.005803 | .7909060 |
| #3 | .1801604 | .4991288 | .9600294 | .2761331 | -.006100 | .7796030 |

Sample Name: ICSAB      Acquired: 11/17/2017 14:24:41      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      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    | F .9871142 | .0116188 | .9002979 | F .9885507 | .9483648 | .0123811 |
| Stddev | .0080524   | .0086860 | .0056690 | .0089211   | .0020048 | .0003234 |
| %RSD   | .8157564   | 74.75803 | .6296771 | .9024460   | .2114003 | 2.612404 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .9869790 | .0030649 | .9045021 | .9888177 | .9499613 | .0127195 |
| #2 | .9791302 | .0113604 | .9025409 | .9794991 | .9490185 | .0123486 |
| #3 | .9952334 | .0204312 | .8938506 | .9973353 | .9461147 | .0120751 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .1015681 |
| Stddev | .0004033 |
| %RSD   | .3970233 |

|    |          |
|----|----------|
| #1 | .1017518 |
| #2 | .1018468 |
| #3 | .1011057 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1455.314 | 2823.036 | 40717.32 | 7055.009 | 3460.318 |
| Stddev    | 15.399   | 19.548   | 198.92   | 33.668   | 30.423   |
| %RSD      | 1.058125 | .6924533 | .4885489 | .4772259 | .8791889 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1438.590 | 2824.053 | 40490.98 | 7030.938 | 3464.735 |
| #2 | 1468.908 | 2842.056 | 40796.59 | 7040.606 | 3488.291 |
| #3 | 1458.443 | 2803.000 | 40864.39 | 7093.483 | 3427.929 |

Sample Name: CCV075      Acquired: 11/17/2017 14:28:38      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV075      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.015923 | 4.807645 | 24.92953 | 5.155218 | 4.897740 | 373.1510 |
| Stddev | .140575  | .125750  | .72014   | .137753  | .131406  | 2.3472   |
| %RSD   | 2.802583 | 2.615631 | 2.888696 | 2.672108 | 2.682989 | .6290331 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.995818 | 4.804862 | 24.72213 | 5.137136 | 4.888432 | 374.4123 |
| #2 | 4.886482 | 4.683310 | 24.33586 | 5.027398 | 4.771236 | 374.5979 |
| #3 | 5.165468 | 4.934764 | 25.73061 | 5.301119 | 5.033553 | 370.4427 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.795996 | .4798841 | 2.586366 | 369.6031 | 15.20429 | 2.541189 |
| Stddev | .089593  | .0026396 | .077542  | 1.8393   | .02859   | .073773  |
| %RSD   | .9145854 | .5500437 | 2.998095 | .4976367 | .1880706 | 2.903076 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.899152 | .4813325 | 2.557716 | 370.8612 | 15.23032 | 2.518420 |
| #2 | 9.737634 | .4814824 | 2.527227 | 370.4560 | 15.20887 | 2.481485 |
| #3 | 9.751203 | .4768374 | 2.674157 | 367.4923 | 15.17368 | 2.623662 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 14.10133 | 375.7765 | 14.26111 | 375.3301 | 2.432541 | F .9193270 |
| Stddev | .10252   | 2.0894   | .06936   | 1.8571   | .069153  | .0027615   |
| %RSD   | .7270498 | .5560327 | .4863739 | .4947828 | 2.842848 | .3003819   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 14.13812 | 376.7616 | 14.30287 | 375.8473 | 2.413569 | .9195860 |
| #2 | 14.18037 | 377.1913 | 14.29941 | 376.8738 | 2.374853 | .9219499 |
| #3 | 13.98548 | 373.3766 | 14.18104 | 373.2693 | 2.509200 | .9164452 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 377.6555 | 2.386696 | 13.63420 | 141.9917 | 4.992763 | F 4.047737 |
| Stddev | 2.1427   | .011878  | .05048   | .9936    | .143008  | .021158    |
| %RSD   | .5673689 | .4976796 | .3702160 | .6997402 | 2.864314 | .5227040   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 379.2852 | 2.393951 | 13.68993 | 142.4618 | 5.041829 | 4.063322 |
| #2 | 378.4529 | 2.393148 | 13.62112 | 142.6629 | 4.831680 | 4.056237 |
| #3 | 375.2285 | 2.372988 | 13.59156 | 140.8503 | 5.104779 | 4.023651 |

Sample Name: CCV075      Acquired: 11/17/2017 14:28:38      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV075      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.945482 | 5.133523 | 4.955290 | 4.972172 | 4.728092 | 5.086767 |
| Stddev | .133269  | .163571  | .028659  | .141872  | .026424  | .011735  |
| %RSD   | 2.694772 | 3.186328 | .5783591 | 2.853327 | .5588657 | .2306950 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.922246 | 5.141782 | 4.976575 | 4.943507 | 4.742433 | 5.099367 |
| #2 | 4.825359 | 4.965980 | 4.966592 | 4.846821 | 4.744244 | 5.084784 |
| #3 | 5.088842 | 5.292809 | 4.922702 | 5.126188 | 4.697598 | 5.076150 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 5.003137 |
| Stddev | .049157  |
| %RSD   | .9825311 |

|    |          |
|----|----------|
| #1 | 4.983090 |
| #2 | 5.059150 |
| #3 | 4.967170 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1282.527 | 2546.279 | 37602.39 | 6777.561 | 3007.118 |
| Stddev    | 1.698    | 50.405   | 74.40    | 40.840   | 62.485   |
| %RSD      | .1323875 | 1.979551 | .1978468 | .6025763 | 2.077915 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1281.544 | 2535.957 | 37616.89 | 6750.081 | 2999.058 |
| #2 | 1281.551 | 2601.046 | 37521.82 | 6758.111 | 3073.243 |
| #3 | 1284.488 | 2501.835 | 37668.47 | 6824.490 | 2949.054 |

Sample Name: CCB075      Acquired: 11/17/2017 14:32:42      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB075      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0033500 | .0035247 | .0001127 | .0009019 | .0001576 | .0002681 | -.000405 |
| Stddev | .0010380 | .0012837 | .0018323 | .0003761 | .0004157 | .0027771 | .000119  |
| %RSD   | 30.98466 | 36.42152 | 1625.177 | 41.70249 | 263.8574 | 1035.744 | 29.52967 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0037753 | .0049947 | -.001134 | .0011679 | -.000246 | -.002858 | -.000318 |
| #2 | .0041078 | .0026247 | -.000744 | .0004716 | .000134  | .001212  | -.000355 |
| #3 | .0021669 | .0029546 | .002216  | .0010663 | .000585  | .002450  | -.000541 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000397 | -.000021 | -.003080 | -.000047 | .0001919 | .0010932 | .0028568 |
| Stddev | .0000579 | .000080  | .002533  | .000356  | .0002004 | .0008317 | .0031282 |
| %RSD   | 145.6619 | 386.3321 | 82.23888 | 754.1769 | 104.4510 | 76.08104 | 109.4995 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000033 | -.000058 | -.003818 | .000335  | .0001731 | .0008707 | .0051431 |
| #2 | .0000094 | -.000075 | -.005163 | -.000108 | .0004011 | .0003954 | -.000708 |
| #3 | .0001065 | .000071  | -.000260 | -.000369 | .0000016 | .0020135 | .004135  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000013 | -.015062 | -.000092 | .0003143 | -.062518 | .0015914 | -.001078 |
| Stddev | .000046  | .012017  | .000138  | .0001153 | .080896  | .0012462 | .001250  |
| %RSD   | 365.0687 | 79.78651 | 149.2588 | 36.69133 | 129.3958 | 78.30819 | 115.8895 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .000038  | -.014583 | .000062  | .0003959 | -.155924 | .0006542 | -.001541 |
| #2 | -.000052 | -.003291 | -.000137 | .0003647 | -.016582 | .0011144 | .000337  |
| #3 | -.000024 | -.027311 | -.000203 | .0001824 | -.015048 | .0030056 | -.002031 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.036326 | .0001018 | .0032490 | .0006509 | -.006124 | -.011498 | .0006413 |
| Stddev | .013517  | .0003484 | .0008165 | .0001735 | .002532  | .000337  | .0002949 |
| %RSD   | 37.20915 | 342.1432 | 25.12903 | 26.65893 | 41.35192 | 2.926668 | 45.98720 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.027997 | .0004860 | .0041834 | .0007776 | -.007825 | -.011398 | .0007998 |
| #2 | -.051921 | .0000134 | .0026729 | .0004531 | -.007333 | -.011874 | .0003010 |
| #3 | -.029059 | -.000194 | .0028909 | .0007221 | -.003214 | -.011223 | .0008232 |

Sample Name: CCB075      Acquired: 11/17/2017 14:32:42      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: CCB075      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.000845 | .0012135 | -.000002 |
| Stddev | .000603  | .0008296 | .000028  |
| %RSD   | 71.35638 | 68.36395 | 1702.475 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.000161 | .0004613 | -.000025 |
| #2 | -.001301 | .0021033 | .000029  |
| #3 | -.001073 | .0010760 | -.000009 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1664.334 | 3217.546 | 46999.47 | 7342.985 | 4623.874 |
| Stddev    | 6.429    | 27.529   | 130.59   | 56.453   | 35.936   |
| %RSD      | .3862616 | .8555764 | .2778580 | .7688065 | .7771808 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1671.741 | 3231.478 | 47131.04 | 7284.865 | 4637.769 |
| #2 | 1660.206 | 3235.324 | 46869.88 | 7346.482 | 4650.788 |
| #3 | 1661.055 | 3185.837 | 46997.48 | 7397.609 | 4583.065 |

Sample Name: PB104321BL      Acquired: 11/17/2017 14:36:51      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      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    | .0026320 | -.001087 | -.000453 | .0002459 | .0011747 | -.001073 | -.000630 |
| Stddev | .0029057 | .000868  | .001131  | .0010059 | .0014131 | .004977  | .000016  |
| %RSD   | 110.4014 | 79.83398 | 249.6943 | 409.0461 | 120.2938 | 463.6369 | 2.467852 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0021447 | -.000204 | .000183  | .0013840 | .0019492 | -.004358 | -.000617 |
| #2 | .0000007 | -.001939 | -.001758 | -.000122 | -.000456 | .004653  | -.000624 |
| #3 | .0057506 | -.001118 | .000217  | -.000524 | .002031  | -.003515 | -.000647 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000196 | -.000031 | -.005002 | .0001057 | .0000488 | .0007423 | .0089234 |
| Stddev | .0000494 | .000026  | .006939  | .0003084 | .0001472 | .0007282 | .0040576 |
| %RSD   | 252.3972 | 85.47250 | 138.7382 | 291.6393 | 301.5912 | 98.09780 | 45.47174 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000496 | -.000053 | .000750  | .0004239 | .0002187 | .0015643 | .0120744 |
| #2 | .0000465 | -.000037 | -.003046 | .0000850 | -.000040 | .0001784 | .0043450 |
| #3 | -.000037 | -.000002 | -.012709 | -.000192 | -.000032 | .0004840 | .0103507 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000256 | .0136817 | .0000140 | .0001414 | -.031632 | .0000354 | -.002815 |
| Stddev | .000198  | .0147488 | .0001937 | .0002357 | .077248  | .0017485 | .001559  |
| %RSD   | 77.10607 | 107.7989 | 1384.991 | 166.6481 | 244.2075 | 4942.204 | 55.37085 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000385 | -.000242 | .0002319 | .0003196 | -.119339 | .0017520 | -.001717 |
| #2 | -.000355 | .012152  | -.000139 | .0002305 | -.001847 | .0000975 | -.002128 |
| #3 | -.000029 | .029136  | -.000051 | -.000126 | .026290  | -.001743 | -.004599 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.072903 | -.001063 | -.000302 | -.000146 | -.008550 | -.011973 | .0005905 |
| Stddev | .014931  | .000321  | .001312  | .000171  | .001785  | .000199  | .0003631 |
| %RSD   | 20.48056 | 30.18365 | 434.0577 | 116.9045 | 20.87273 | 1.660432 | 61.48159 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.056219 | -.001300 | .001088  | -.000017 | -.006591 | -.012146 | .0002694 |
| #2 | -.085008 | -.000698 | -.000476 | -.000081 | -.010084 | -.012016 | .0005176 |
| #3 | -.077483 | -.001191 | -.001519 | -.000340 | -.008973 | -.011756 | .0009845 |

Sample Name: PB104321BL      Acquired: 11/17/2017 14:36:51      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      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    | -.000386 | -.000447 | -.000041 |
| Stddev | .000531  | .000764  | .000014  |
| %RSD   | 137.4082 | 170.8874 | 34.23640 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.000254 | -.000858 | -.000057 |
| #2 | -.000971 | -.000918 | -.000035 |
| #3 | .000066  | .000435  | -.000032 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1617.943 | 3125.624 | 46104.38 | 7298.523 | 4525.086 |
| Stddev    | 16.446   | 38.991   | 120.21   | 18.799   | 60.618   |
| %RSD      | 1.016487 | 1.247465 | .2607383 | .2575707 | 1.339590 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1601.154 | 3161.214 | 45972.50 | 7285.372 | 4589.432 |
| #2 | 1618.649 | 3131.711 | 46132.80 | 7290.142 | 4516.770 |
| #3 | 1634.024 | 3083.948 | 46207.83 | 7320.055 | 4469.056 |

Sample Name: I6349-01      Acquired: 11/17/2017 14:45:08      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MB0F93      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0172173 | .0115472 | .0659660 | .0001027 | .0004123 | 95.23858 | .2405925 |
| Stddev | .0017692 | .0013251 | .0013230 | .0013504 | .0004438 | .12787   | .0010934 |
| %RSD   | 10.27590 | 11.47562 | 2.005615 | 1315.354 | 107.6466 | .1342576 | .4544735 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0192165 | .0101756 | .0673610 | -.001446 | .0000344 | 95.31863 | .2416452 |
| #2 | .0165818 | .0116457 | .0647292 | .001032  | .0003015 | 95.30600 | .2406700 |
| #3 | .0158535 | .0128203 | .0658078 | .000722  | .0009011 | 95.09112 | .2394624 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0029493 | -.000553 | 5.746934 | .1039409 | .0122785 | .0262762 | 67.90673 |
| Stddev | .0001739 | .000082  | .020975  | .0009165 | .0001523 | .0010984 | .17189   |
| %RSD   | 5.894459 | 14.84591 | .3649829 | .8817800 | 1.240071 | 4.180356 | .2531333 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0031076 | -.000483 | 5.770073 | .1039883 | .0124033 | .0266285 | 67.96763 |
| #2 | .0027633 | -.000533 | 5.729168 | .1030017 | .0121088 | .0271552 | 67.71268 |
| #3 | .0029772 | -.000643 | 5.741561 | .1048329 | .0123233 | .0250448 | 68.03989 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1357431 | 3.317086 | .0355678 | .0011911 | .5549561 | .1656774 | .0496191 |
| Stddev | .0005179 | .028971  | .0006279 | .0003125 | .0062836 | .0032160 | .0005819 |
| %RSD   | .3815420 | .8733799 | 1.765220 | 26.23615 | 1.132276 | 1.941153 | 1.172688 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1363369 | 3.332070 | .0353644 | .0015466 | .5481094 | .1691758 | .0500105 |
| #2 | .1355084 | 3.283692 | .0362721 | .0010669 | .5562997 | .1628494 | .0489504 |
| #3 | .1353842 | 3.335496 | .0350668 | .0009598 | .5604594 | .1650070 | .0498963 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.500934 | .8409493 | -.168981 | .0026551 | .2674748 | 2.348458 | .0079330 |
| Stddev | .010805  | .0115021 | .001988  | .0002234 | .0013304 | .058452  | .0008809 |
| %RSD   | .3086332 | 1.367753 | 1.176333 | 8.413555 | .4973969 | 2.488937 | 11.10381 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.501138 | .8334754 | -.169835 | .0025241 | .2659764 | 2.407831 | .0086735 |
| #2 | 3.490029 | .8351782 | -.166709 | .0029130 | .2685174 | 2.290974 | .0069588 |
| #3 | 3.511636 | .8541944 | -.170399 | .0025282 | .2679305 | 2.346569 | .0081666 |

Sample Name: I6349-01      Acquired: 11/17/2017 14:45:08      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MB0F93      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .3451991 | .0406858 | .0491076 |
| Stddev | .0051098 | .0004362 | .0001593 |
| %RSD   | 1.480239 | 1.072157 | .3243595 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .3509539 | .0410781 | .0490912 |
| #2 | .3434493 | .0407632 | .0492744 |
| #3 | .3411940 | .0402160 | .0489571 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1722.915 | 3203.182 | 48465.25 | 8094.090 | 3971.650 |
| Stddev    | 13.239   | 12.198   | 182.10   | 39.206   | 19.924   |
| %RSD      | .7684230 | .3808038 | .3757340 | .4843812 | .5016664 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1733.971 | 3213.488 | 48473.88 | 8095.475 | 3987.643 |
| #2 | 1726.530 | 3206.343 | 48642.89 | 8132.586 | 3977.978 |
| #3 | 1708.243 | 3189.715 | 48278.99 | 8054.210 | 3949.331 |

Sample Name: I6349-02      Acquired: 11/17/2017 14:49:13      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MB0F93D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0135150 | .0122137 | .0659139 | -.000221 | .0027645 | 102.1448 | .2587883 |
| Stddev | .0026376 | .0023749 | .0019808 | .000551  | .0013917 | .1700    | .0007947 |
| %RSD   | 19.51638 | 19.44428 | 3.005124 | 249.7084 | 50.34042 | .1664131 | .3070949 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0104907 | .0139152 | .0643973 | -.000244 | .0036919 | 101.9487 | .2594949 |
| #2 | .0147148 | .0132254 | .0651895 | .000341  | .0034373 | 102.2506 | .2589421 |
| #3 | .0153394 | .0095005 | .0681549 | -.000759 | .0011643 | 102.2350 | .2579279 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0030686 | -.000561 | 6.099332 | .1108466 | .0124835 | .0297180 | 72.14305 |
| Stddev | .0000520 | .000088  | .023820  | .0007560 | .0001018 | .0023043 | .31685   |
| %RSD   | 1.693722 | 15.65375 | .3905325 | .6820603 | .8156346 | 7.753819 | .4392028 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0030295 | -.000628 | 6.072010 | .1101981 | .0123756 | .0279246 | 71.78633 |
| #2 | .0031276 | -.000461 | 6.115735 | .1116770 | .0124969 | .0289125 | 72.39183 |
| #3 | .0030488 | -.000594 | 6.110250 | .1106648 | .0125779 | .0323169 | 72.25100 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1445098 | 3.510007 | .0362881 | .0014566 | .5077309 | .1786575 | .0574717 |
| Stddev | .0007926 | .029143  | .0000876 | .0000782 | .0099748 | .0040368 | .0014212 |
| %RSD   | .5485054 | .8302783 | .2413680 | 5.367579 | 1.964578 | 2.259523 | 2.472863 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1449348 | 3.486701 | .0363835 | .0014657 | .5035204 | .1822883 | .0591125 |
| #2 | .1435953 | 3.500639 | .0362114 | .0015299 | .5005517 | .1743106 | .0566766 |
| #3 | .1449993 | 3.542682 | .0362694 | .0013743 | .5191205 | .1793735 | .0566260 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.764286 | .8494310 | -.177583 | .0026400 | .2748725 | 2.484266 | .0078360 |
| Stddev | .016663  | .0081070 | .002151  | .0003675 | .0026910 | .018954  | .0016283 |
| %RSD   | .4426713 | .9544024 | 1.211009 | 13.91921 | .9789815 | .7629586 | 20.78008 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.760409 | .8428266 | -.175750 | .0030204 | .2748167 | 2.479209 | .0091807 |
| #2 | 3.782547 | .8584786 | -.179950 | .0022870 | .2775909 | 2.468354 | .0083017 |
| #3 | 3.749904 | .8469877 | -.177049 | .0026127 | .2722099 | 2.505236 | .0060255 |

Sample Name: I6349-02      Acquired: 11/17/2017 14:49:13      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MB0F93D      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .3686192 | .0433166 | .0530096 |
| Stddev | .0028377 | .0006898 | .0001839 |
| %RSD   | .7698095 | 1.592576 | .3469762 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .3709321 | .0425793 | .0528025 |
| #2 | .3654527 | .0434242 | .0530721 |
| #3 | .3694729 | .0439464 | .0531541 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1607.804 | 3125.513 | 45612.69 | 7737.846 | 3883.147 |
| Stddev    | 1.856    | 6.287    | 96.55    | 41.921   | 4.970    |
| %RSD      | .1154064 | .2011658 | .2116707 | .5417701 | .1280008 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1605.729 | 3128.323 | 45572.24 | 7786.088 | 3888.754 |
| #2 | 1608.381 | 3129.906 | 45542.95 | 7717.171 | 3881.407 |
| #3 | 1609.303 | 3118.311 | 45722.89 | 7710.278 | 3879.281 |

Sample Name: I6349-01LX5      Acquired: 11/17/2017 14:57:23      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MB0F93L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0068249 | .0009174 | .0140756 | -.000820 | -.000706 | 21.38737 | .0535455 |
| Stddev | .0040852 | .0012603 | .0028085 | .001656  | .001213  | .10277   | .0005658 |
| %RSD   | 59.85653 | 137.3837 | 19.95322 | 201.9196 | 171.8317 | .4805267 | 1.056711 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0027585 | .0005994 | .0117842 | -.002576 | .000255  | 21.30806 | .0530793 |
| #2 | .0067877 | -.000154 | .0172087 | -.000597 | -.002070 | 21.50348 | .0541750 |
| #3 | .0109285 | .002306  | .0132339 | .000713  | -.000304 | 21.35059 | .0533823 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0007024 | -.000196 | 1.309299 | .0232236 | .0024834 | .0054462 | 15.48446 |
| Stddev | .0000380 | .000025  | .019033  | .0002271 | .0000818 | .0016272 | .04370   |
| %RSD   | 5.409929 | 12.69896 | 1.453693 | .9780369 | 3.293908 | 29.87793 | .2821996 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0007460 | -.000223 | 1.329568 | .0230184 | .0025701 | .0071694 | 15.45101 |
| #2 | .0006856 | -.000189 | 1.306524 | .0231846 | .0024726 | .0039360 | 15.53390 |
| #3 | .0006758 | -.000175 | 1.291806 | .0234677 | .0024076 | .0052331 | 15.46847 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0297232 | .7814678 | .0067044 | .0003835 | .0473592 | .0382817 | .0085155 |
| Stddev | .0005424 | .0222722 | .0003122 | .0000715 | .0628449 | .0028522 | .0013479 |
| %RSD   | 1.824991 | 2.850047 | 4.657004 | 18.63340 | 132.6984 | 7.450523 | 15.82919 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0292264 | .8033183 | .0068527 | .0004346 | .0465509 | .0415742 | .0099516 |
| #2 | .0303020 | .7587966 | .0063457 | .0004140 | -.015078 | .0367030 | .0083172 |
| #3 | .0296412 | .7822885 | .0069149 | .0003018 | .110604  | .0365679 | .0072777 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7266331 | .1652211 | -.043696 | .0002684 | .0483326 | .5476406 | .0017218 |
| Stddev | .0140810 | .0015642 | .001142  | .0004384 | .0030427 | .0108909 | .0002596 |
| %RSD   | 1.937837 | .9467127 | 2.613861 | 163.3144 | 6.295421 | 1.988697 | 15.07520 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .7103771 | .1664696 | -.044745 | .0001531 | .0513588 | .5566422 | .0017762 |
| #2 | .7350444 | .1634665 | -.043864 | -.000101 | .0452736 | .5355345 | .0019497 |
| #3 | .7344779 | .1657271 | -.042479 | .000753  | .0483653 | .5507451 | .0014393 |

Sample Name: I6349-01LX5      Acquired: 11/17/2017 14:57:23      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MB0F93L      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0784901 | .0071260 | .0111248 |
| Stddev | .0033053 | .0007762 | .0000667 |
| %RSD   | 4.211080 | 10.89296 | .5996137 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0752029 | .0062361 | .0111475 |
| #2 | .0818131 | .0074784 | .0111773 |
| #3 | .0784541 | .0076636 | .0110498 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1585.102 | 3037.915 | 44980.70 | 7258.449 | 4210.161 |
| Stddev    | 10.737   | 18.806   | 173.18   | 14.032   | 17.486   |
| %RSD      | .6773839 | .6190308 | .3850184 | .1933127 | .4153226 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1597.496 | 3027.440 | 45164.40 | 7244.530 | 4206.279 |
| #2 | 1578.616 | 3059.625 | 44957.28 | 7258.226 | 4229.261 |
| #3 | 1579.194 | 3026.680 | 44820.41 | 7272.591 | 4194.942 |

Sample Name: I6349-04      Acquired: 11/17/2017 15:01:32      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MB0F97      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0193219 | .0029777 | .0438849 | .0023344 | -.000672 | 17.47928 | .0456152 |
| Stddev | .0021348 | .0010790 | .0007892 | .0012534 | .000811  | .53044   | .0016074 |
| %RSD   | 11.04881 | 36.23728 | 1.798335 | 53.69078 | 120.7188 | 3.034695 | 3.523877 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0170905 | .0040681 | .0446479 | .0009234 | -.001547 | 16.90421 | .0440924 |
| #2 | .0195301 | .0029545 | .0430719 | .0027613 | -.000525 | 17.94941 | .0472957 |
| #3 | .0213450 | .0019104 | .0439348 | .0033186 | .000056  | 17.58420 | .0454576 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0005794 | -.000140 | 1.206207 | .0508899 | .0033053 | .0195160 | 27.20234 |
| Stddev | .0000260 | .000041  | .043651  | .0001571 | .0000955 | .0016457 | .82820   |
| %RSD   | 4.492458 | 28.98054 | 3.618824 | .3087673 | 2.889955 | 8.432757 | 3.044584 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0006074 | -.000157 | 1.165842 | .0510274 | .0033514 | .0211826 | 26.38377 |
| #2 | .0005748 | -.000170 | 1.252531 | .0509236 | .0031955 | .0178920 | 28.03984 |
| #3 | .0005559 | -.000094 | 1.200248 | .0507186 | .0033691 | .0194734 | 27.18341 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0685589 | .4182815 | .0067414 | .0008407 | 1.317497 | .0824779 | .0278513 |
| Stddev | .0022495 | .0331592 | .0004524 | .0003418 | .048222  | .0060603 | .0032781 |
| %RSD   | 3.281061 | 7.927475 | 6.710201 | 40.66013 | 3.660094 | 7.347751 | 11.76986 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0660545 | .3811857 | .0070979 | .0005096 | 1.284185 | .0793596 | .0240740 |
| #2 | .0704077 | .4450427 | .0068938 | .0011923 | 1.295513 | .0894623 | .0295288 |
| #3 | .0692147 | .4286161 | .0062326 | .0008201 | 1.372793 | .0786116 | .0299511 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.074233 | .2433447 | -.071396 | .0021940 | .0695145 | 3.443844 | .0039086 |
| Stddev | .020136  | .0053037 | .001291  | .0001630 | .0035790 | .076271  | .0010730 |
| %RSD   | 1.874468 | 2.179519 | 1.808240 | 7.430706 | 5.148519 | 2.214691 | 27.45156 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.054081 | .2483428 | -.070048 | .0022973 | .0695566 | 3.359362 | .0045427 |
| #2 | 1.094353 | .2377807 | -.072621 | .0020061 | .0730722 | 3.507633 | .0026698 |
| #3 | 1.074265 | .2439105 | -.071520 | .0022787 | .0659146 | 3.464536 | .0045134 |

Sample Name: I6349-04      Acquired: 11/17/2017 15:01:32      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MB0F97      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .3657506 | .0071991 | .0096206 |
| Stddev | .0112818 | .0006013 | .0002417 |
| %RSD   | 3.084559 | 8.352506 | 2.512838 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .3527959 | .0066534 | .0093449 |
| #2 | .3710401 | .0078437 | .0097967 |
| #3 | .3734158 | .0071002 | .0097200 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1522.227 | 2955.948 | 44303.14 | 7245.487 | 4090.700 |
| Stddev    | 6.674    | 29.598   | 315.64   | 171.826  | 48.741   |
| %RSD      | .4384057 | 1.001304 | .7124488 | 2.371496 | 1.191516 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1526.417 | 2925.533 | 44414.64 | 7434.761 | 4036.637 |
| #2 | 1514.531 | 2984.655 | 43946.88 | 7099.316 | 4131.282 |
| #3 | 1525.732 | 2957.656 | 44547.88 | 7202.385 | 4104.179 |

Sample Name: I6349-05      Acquired: 11/17/2017 15:05:39      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MB0F98      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0204588 | .0016147 | .0292556 | .0004597 | -.000006 | 14.47203 | .0469806 |
| Stddev | .0027198 | .0009112 | .0015897 | .0017092 | .001128  | .07575   | .0000139 |
| %RSD   | 13.29422 | 56.43495 | 5.433706 | 371.8067 | 18213.20 | .5233896 | .0295862 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0229004 | .0005639 | .0300875 | .0019603 | -.000193 | 14.39894 | .0469649 |
| #2 | .0209487 | .0021875 | .0302567 | .0008195 | -.001029 | 14.46699 | .0469914 |
| #3 | .0175273 | .0020926 | .0274226 | -.001401 | .001204  | 14.55018 | .0469854 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0005577 | -.000304 | 1.093991 | .0477249 | .0026070 | .0173872 | 24.34623 |
| Stddev | .0000038 | .000146  | .011104  | .0007839 | .0001608 | .0030362 | .23161   |
| %RSD   | .6819781 | 48.00713 | 1.015021 | 1.642425 | 6.166520 | 17.46237 | .9513043 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0005560 | -.000472 | 1.081561 | .0468945 | .0027857 | .0139906 | 24.14688 |
| #2 | .0005621 | -.000229 | 1.097480 | .0484519 | .0025611 | .0183332 | 24.29150 |
| #3 | .0005551 | -.000211 | 1.102931 | .0478284 | .0024741 | .0198378 | 24.60029 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0503614 | .3151576 | .0056520 | .0009198 | .8737097 | .0701180 | .0230778 |
| Stddev | .0006145 | .0160147 | .0001805 | .0000379 | .1013887 | .0008437 | .0026182 |
| %RSD   | 1.220227 | 5.081479 | 3.193047 | 4.125137 | 11.60439 | 1.203287 | 11.34507 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0499583 | .3277339 | .0054550 | .0009263 | .8442432 | .0696801 | .0247218 |
| #2 | .0500571 | .3206102 | .0056918 | .0009540 | .7903182 | .0695832 | .0200586 |
| #3 | .0510687 | .2971286 | .0058093 | .0008790 | .9865677 | .0710906 | .0244530 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6697052 | .2076454 | -.068432 | .0016589 | .0548830 | 2.668127 | .0018143 |
| Stddev | .0435465 | .0036979 | .000140  | .0001171 | .0017704 | .012006  | .0009529 |
| %RSD   | 6.502335 | 1.780877 | .2040072 | 7.056112 | 3.225821 | .4499843 | 52.52110 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .6633303 | .2091660 | -.068282 | .0015833 | .0569024 | 2.670869 | .0026306 |
| #2 | .6296975 | .2034296 | -.068456 | .0017937 | .0541489 | 2.678525 | .0007672 |
| #3 | .7160877 | .2103406 | -.068559 | .0015996 | .0535977 | 2.654987 | .0020450 |

Sample Name: I6349-05      Acquired: 11/17/2017 15:05:39      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MB0F98      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .2966463 | .0043575 | .0084810 |
| Stddev | .0022451 | .0009713 | .0000301 |
| %RSD   | .7568300 | 22.28970 | .3553662 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .2942327 | .0054698 | .0084524 |
| #2 | .2986725 | .0036775 | .0084782 |
| #3 | .2970337 | .0039251 | .0085125 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1579.085 | 3051.798 | 45508.24 | 7218.837 | 4247.285 |
| Stddev    | 5.675    | 9.842    | 139.25   | 17.299   | 14.194   |
| %RSD      | .3594088 | .3225002 | .3059811 | .2396408 | .3341962 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1573.592 | 3062.588 | 45374.59 | 7237.300 | 4258.961 |
| #2 | 1584.927 | 3049.490 | 45652.47 | 7216.211 | 4251.408 |
| #3 | 1578.735 | 3043.314 | 45497.64 | 7203.002 | 4231.485 |

Sample Name: I6349-06      Acquired: 11/17/2017 15:09:44      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MB0F99      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0133721 | .0139608 | .1711475 | .0046457 | .0035722 | 68.76368 | .2783392 |
| Stddev | .0022960 | .0014278 | .0012103 | .0035100 | .0007454 | .10499   | .0002737 |
| %RSD   | 17.17035 | 10.22725 | .7071606 | 75.55284 | 20.86819 | .1526802 | .0983437 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0149523 | .0143154 | .1699033 | .0041603 | .0044070 | 68.64652 | .2785335 |
| #2 | .0144256 | .0123891 | .1712183 | .0014037 | .0033362 | 68.79528 | .2784579 |
| #3 | .0107383 | .0151778 | .1723208 | .0083731 | .0029732 | 68.84923 | .2780261 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0025756 | .0015032 | 5.796862 | .0897950 | .0105132 | .0373353 | 62.82468 |
| Stddev | .0000615 | .0000861 | .025073  | .0001442 | .0001463 | .0006118 | .24988   |
| %RSD   | 2.389379 | 5.728827 | .4325347 | .1606369 | 1.391447 | 1.638768 | .3977373 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0025050 | .0014235 | 5.775432 | .0899368 | .0106508 | .0375097 | 62.67825 |
| #2 | .0026044 | .0014916 | 5.790717 | .0896485 | .0105293 | .0378410 | 62.68259 |
| #3 | .0026175 | .0015946 | 5.824437 | .0897997 | .0103595 | .0366552 | 63.11320 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3157875 | 3.595264 | .0295174 | .0021566 | 1.274633 | .1519354 | .4080928 |
| Stddev | .0008385 | .029094  | .0003752 | .0002484 | .068289  | .0023255 | .0016084 |
| %RSD   | .2655095 | .8092229 | 1.271161 | 11.51982 | 5.357533 | 1.530587 | .3941327 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .3149408 | 3.579700 | .0297090 | .0024401 | 1.335079 | .1505553 | .4096723 |
| #2 | .3158045 | 3.628829 | .0297581 | .0019765 | 1.288264 | .1506305 | .4081490 |
| #3 | .3166174 | 3.577263 | .0290851 | .0020533 | 1.200557 | .1546203 | .4064570 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.357754 | 1.235486 | -.162123 | .0022314 | .2031920 | 2.441913 | .0057462 |
| Stddev | .037740  | .009067  | .000094  | .0002203 | .0074062 | .038529  | .0012139 |
| %RSD   | 1.600681 | .7338511 | .0578209 | 9.873462 | 3.644916 | 1.577831 | 21.12590 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.367523 | 1.225471 | -.162070 | .0021796 | .1999953 | 2.468566 | .0048518 |
| #2 | 2.389649 | 1.237853 | -.162067 | .0020416 | .1979210 | 2.397737 | .0071281 |
| #3 | 2.316090 | 1.243135 | -.162231 | .0024730 | .2116596 | 2.459437 | .0052587 |

Sample Name: I6349-06      Acquired: 11/17/2017 15:09:44      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MB0F99      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .3666824 | .0361262 | .0487832 |
| Stddev | .0029679 | .0006711 | .0001664 |
| %RSD   | .8093992 | 1.857744 | .3411426 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .3671693 | .0360722 | .0487160 |
| #2 | .3635011 | .0368227 | .0489727 |
| #3 | .3693767 | .0354837 | .0486609 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1591.648 | 3079.533 | 45042.33 | 7469.801 | 4041.881 |
| Stddev    | 9.582    | 12.618   | 103.26   | 21.010   | 15.136   |
| %RSD      | .6020414 | .4097298 | .2292434 | .2812715 | .3744786 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1581.126 | 3090.015 | 44923.34 | 7468.631 | 4047.760 |
| #2 | 1593.946 | 3083.056 | 45095.29 | 7491.372 | 4053.195 |
| #3 | 1599.873 | 3065.528 | 45108.36 | 7449.400 | 4024.687 |

Sample Name: I6349-07      Acquired: 11/17/2017 15:13:46      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MB0FA0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0149601 | .0099206 | .1878190 | -.000196 | .0031856 | 69.34864 | .2880776 |
| Stddev | .0031995 | .0023253 | .0021581 | .002280  | .0019343 | .25516   | .0012341 |
| %RSD   | 21.38662 | 23.43905 | 1.149011 | 1161.546 | 60.72105 | .3679353 | .4283792 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0112658 | .0073254 | .1880293 | -.001341 | .0029560 | 69.29101 | .2884473 |
| #2 | .0167812 | .0106215 | .1855634 | .002429  | .0052244 | 69.12722 | .2867010 |
| #3 | .0168333 | .0118147 | .1898642 | -.001677 | .0013763 | 69.62768 | .2890846 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0021198 | .0008325 | 5.646797 | .0896047 | .0099418 | .0417536 | 61.94649 |
| Stddev | .0001063 | .0000726 | .022406  | .0004901 | .0001466 | .0003425 | .22682   |
| %RSD   | 5.015985 | 8.723664 | .3967995 | .5469392 | 1.475034 | .8203311 | .3661582 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0020454 | .0008747 | 5.656897 | .0896467 | .0100944 | .0421329 | 61.94766 |
| #2 | .0020723 | .0008742 | 5.621119 | .0890949 | .0098020 | .0416607 | 61.71908 |
| #3 | .0022415 | .0007487 | 5.662377 | .0900724 | .0099291 | .0414670 | 62.17272 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2615193 | 4.104222 | .0295837 | .0023476 | 1.743636 | .1494799 | .4097150 |
| Stddev | .0007348 | .051431  | .0005733 | .0002126 | .071150  | .0009955 | .0025780 |
| %RSD   | .2809798 | 1.253126 | 1.938016 | 9.054260 | 4.080542 | .6659895 | .6292188 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2606829 | 4.046208 | .0299618 | .0022232 | 1.661609 | .1489016 | .4101958 |
| #2 | .2618138 | 4.144228 | .0289240 | .0022266 | 1.788642 | .1506294 | .4069304 |
| #3 | .2620611 | 4.122230 | .0298653 | .0025931 | 1.780657 | .1489086 | .4120187 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.444159 | 1.215264 | -.158400 | .0022514 | .2303181 | 2.653504 | .0069066 |
| Stddev | .011782  | .013040  | .000449  | .0005812 | .0017990 | .035754  | .0011014 |
| %RSD   | .4820577 | 1.073037 | .2833461 | 25.81481 | .7810786 | 1.347409 | 15.94712 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.443037 | 1.230317 | -.157897 | .0016790 | .2295872 | 2.617335 | .0058342 |
| #2 | 2.432978 | 1.207419 | -.158760 | .0028410 | .2289997 | 2.654349 | .0068509 |
| #3 | 2.456462 | 1.208056 | -.158543 | .0022343 | .2323675 | 2.688827 | .0080349 |

Sample Name: I6349-07      Acquired: 11/17/2017 15:13:46      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MB0FA0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .4266819 | .0396468 | .0454529 |
| Stddev | .0034465 | .0002465 | .0002971 |
| %RSD   | .8077325 | .6218419 | .6536207 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .4294123 | .0396539 | .0457943 |
| #2 | .4228093 | .0398898 | .0452528 |
| #3 | .4278240 | .0393969 | .0453117 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1561.976 | 3019.907 | 44292.98 | 7389.967 | 3995.815 |
| Stddev    | 18.059   | 7.972    | 312.81   | 21.579   | 10.003   |
| %RSD      | 1.156177 | .2639654 | .7062317 | .2920009 | .2503354 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1545.323 | 3014.758 | 44009.27 | 7396.260 | 3985.208 |
| #2 | 1581.172 | 3015.875 | 44628.44 | 7407.700 | 3997.160 |
| #3 | 1559.435 | 3029.090 | 44241.22 | 7365.942 | 4005.077 |

Sample Name: PB104321BS      Acquired: 11/17/2017 15:19:09      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      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    | .0237328 | .0562008 | .0209854 | .0768786 | .1179105 | .3760513 |
| Stddev | .0017942 | .0018702 | .0015536 | .0028691 | .0012165 | .0050646 |
| %RSD   | 7.559986 | 3.327699 | 7.403080 | 3.732025 | 1.031737 | 1.346779 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0245883 | .0540427 | .0208146 | .0797621 | .1165104 | .3812160 |
| #2 | .0216710 | .0573469 | .0226172 | .0740240 | .1185121 | .3758449 |
| #3 | .0249392 | .0572128 | .0195242 | .0768497 | .1187090 | .3710931 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .4021102 | .0107806 | .0106082 | F 1.964829 | .0226203 | .1010860 |
| Stddev | .0008999 | .0001325 | .0000508 | .005935    | .0002285 | .0008890 |
| %RSD   | .2237870 | 1.229093 | .4787613 | .3020761   | 1.009985 | .8794593 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4013240 | .0107284 | .0106505 | 1.960793 | .0225518 | .1015666 |
| #2 | .4019150 | .0109312 | .0106222 | 1.971644 | .0224339 | .1000602 |
| #3 | .4030917 | .0106821 | .0105519 | 1.962049 | .0228751 | .1016314 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790     | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .0505297 | .2276481 | .0324228 | F 1.965253 | .0786030 | .0251477 |
| Stddev | .0008146 | .0078296 | .0003066 | .010138    | .0000586 | .0002794 |
| %RSD   | 1.612154 | 3.439328 | .9456277 | .5158748   | .0745805 | 1.111054 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0514699 | .2344382 | .0325582 | 1.959326 | .0786690 | .0248251 |
| #2 | .0500358 | .2190836 | .0320718 | 1.959473 | .0785830 | .0253147 |
| #3 | .0500833 | .2294224 | .0326383 | 1.976959 | .0785569 | .0253032 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 9.651979 | .1078454 | .1188421 | 8.625137 | .0165313 | F .0197134 |
| Stddev | .089460  | .0033859 | .0049677 | .047861  | .0012444 | .0003879   |
| %RSD   | .9268550 | 3.139592 | 4.180123 | .5549029 | 7.527560 | 1.967876   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.549729 | .1039358 | .1198917 | 8.662454 | .0176566 | .0193341 |
| #2 | 9.715825 | .1097735 | .1134334 | 8.571176 | .0167425 | .0201095 |
| #3 | 9.690382 | .1098270 | .1232012 | 8.641781 | .0151948 | .0196967 |

Sample Name: PB104321BS      Acquired: 11/17/2017 15:19:09      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      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    | .0219304 | .1731941 | .1937704 | F .0140636 | -.000553 | .0956702 |
| Stddev | .0002524 | .0038174 | .0015217 | .0006251   | .000696  | .0002405 |
| %RSD   | 1.151058 | 2.204099 | .7852914 | 4.444563   | 125.9738 | .2514383 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0216473 | .1770662 | .1928294 | .0135686 | -.000622 | .0957741 |
| #2 | .0220118 | .1694340 | .1955259 | .0138563 | .000176  | .0958413 |
| #3 | .0221321 | .1730821 | .1929558 | .0147660 | -.001212 | .0953951 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .2131913 |
| Stddev | .0007038 |
| %RSD   | .3301321 |

|    |          |
|----|----------|
| #1 | .2139142 |
| #2 | .2125082 |
| #3 | .2131514 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1570.481 | 3055.543 | 44254.78 | 7170.487 | 4314.809 |
| Stddev    | 6.939    | 10.852   | 165.84   | 22.305   | 13.446   |
| %RSD      | .4418110 | .3551424 | .3747437 | .3110646 | .3116333 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1565.796 | 3064.165 | 44086.62 | 7155.183 | 4315.301 |
| #2 | 1578.452 | 3059.106 | 44418.20 | 7160.198 | 4328.003 |
| #3 | 1567.194 | 3043.358 | 44259.53 | 7196.079 | 4301.124 |

Sample Name: I6349-03      Acquired: 11/17/2017 15:45:56      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MB0F93S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1059061 | .1828753 | .1183828 | .1230581 | .2325669 | 104.3379 | 5.398035 |
| Stddev | .0022392 | .0029047 | .0016971 | .0042387 | .0021371 | .4554    | .013973  |
| %RSD   | 2.114279 | 1.588368 | 1.433606 | 3.444505 | .9189068 | .4365041 | .2588472 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1038666 | .1801771 | .1164984 | .1192827 | .2307688 | 104.2614 | 5.381901 |
| #2 | .1083021 | .1824988 | .1197909 | .1222483 | .2320023 | 104.8267 | 5.406176 |
| #3 | .1055496 | .1859499 | .1188591 | .1276433 | .2349296 | 103.9255 | 5.406028 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1242579 | .1342601 | 6.099350 | .6518743 | 1.392359 | .6147610 | 73.65592 |
| Stddev | .0002047 | .0008622 | .021663  | .0012337 | .004326  | .0024324 | .40692   |
| %RSD   | .1647329 | .6421785 | .3551683 | .1892492 | .3106825 | .3956697 | .5524631 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1240223 | .1349895 | 6.095547 | .6531014 | 1.395477 | .6166029 | 73.59436 |
| #2 | .1243593 | .1344821 | 6.122663 | .6518872 | 1.394179 | .6156765 | 74.09011 |
| #3 | .1243922 | .1333086 | 6.079841 | .6506342 | 1.387420 | .6120037 | 73.28328 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.448368 | 3.501197 | 1.337896 | .0008522 | .5016677 | 1.507322 | 1.278691 |
| Stddev | .006107  | .021033  | .002680  | .0001772 | .1155584 | .009081  | .020584  |
| %RSD   | .4216624 | .6007515 | .2002842 | 20.79272 | 23.03484 | .6024430 | 1.609741 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.447345 | 3.479423 | 1.340611 | .0009541 | .6322988 | 1.503531 | 1.281404 |
| #2 | 1.454922 | 3.521402 | 1.337824 | .0006476 | .4599188 | 1.517683 | 1.297784 |
| #3 | 1.442836 | 3.502765 | 1.335253 | .0009549 | .4127857 | 1.500750 | 1.256886 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.555290 | .8288777 | -.186174 | .0017797 | .2610178 | 2.359978 | .0098773 |
| Stddev | .041229  | .0070700 | .002049  | .0002619 | .0016900 | .021273  | .0018961 |
| %RSD   | 1.159647 | .8529566 | 1.100717 | 14.71745 | .6474446 | .9014202 | 19.19673 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.516775 | .8267529 | -.186112 | .0020118 | .2595692 | 2.383811 | .0077318 |
| #2 | 3.550314 | .8231138 | -.188254 | .0014957 | .2628744 | 2.342908 | .0105719 |
| #3 | 3.598781 | .8367664 | -.184156 | .0018316 | .2606097 | 2.353216 | .0113281 |

Sample Name: I6349-03      Acquired: 11/17/2017 15:45:56      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MB0F93S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .3564550 | .0401263 | .0512473 |
| Stddev | .0015633 | .0003726 | .0002397 |
| %RSD   | .4385652 | .9284984 | .4677112 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .3578784 | .0405008 | .0511751 |
| #2 | .3567045 | .0397556 | .0515148 |
| #3 | .3547819 | .0401225 | .0510520 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1610.204 | 3134.994 | 45556.44 | 7725.992 | 3910.525 |
| Stddev    | 4.473    | 1.173    | 79.78    | 39.669   | 9.375    |
| %RSD      | .2778210 | .0374029 | .1751250 | .5134438 | .2397427 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1610.507 | 3134.046 | 45487.62 | 7726.693 | 3901.698 |
| #2 | 1605.587 | 3134.632 | 45537.81 | 7685.977 | 3909.511 |
| #3 | 1614.518 | 3136.305 | 45643.89 | 7765.305 | 3920.366 |

Sample Name: CCV076      Acquired: 11/17/2017 15:49:53      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV076      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960     | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | 5.400491 | 5.095181 | 26.75467 | F 5.765196 | 5.254445 | 401.8967 |
| Stddev | .019245  | .012216  | .03372   | .030245    | .020798  | 1.4423   |
| %RSD   | .3563557 | .2397539 | .1260524 | .5246078   | .3958207 | .3588613 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 5.380097 | 5.109287 | 26.71742 | 5.770830 | 5.251546 | 400.7616 |
| #2 | 5.403041 | 5.088186 | 26.78313 | 5.732531 | 5.235248 | 401.4088 |
| #3 | 5.418333 | 5.088071 | 26.76346 | 5.792228 | 5.276541 | 403.5196 |

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144     | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | 10.56100 | .5117936 | F 2.822417 | 396.3714 | 16.36222 | 2.741444 |
| Stddev | .16586   | .0076834 | .002201    | 3.3311   | .07575   | .003498  |
| %RSD   | 1.570465 | 1.501263 | .0779928   | .8404057 | .4629440 | .1276113 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 10.52660 | .5065392 | 2.819875 | 394.1969 | 16.32978 | 2.738008 |
| #2 | 10.41504 | .5082298 | 2.823717 | 394.7108 | 16.30809 | 2.745002 |
| #3 | 10.74136 | .5206117 | 2.823659 | 400.2064 | 16.44878 | 2.741322 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 14.89891 | 404.5337 | 15.13611 | 405.0044 | 2.541698 | F 1.001780 |
| Stddev | .04238   | 3.3940   | .11372   | 3.9598   | .000318  | .002153    |
| %RSD   | .2844184 | .8389844 | .7513481 | .9777134 | .0125170 | .2149454   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 14.85131 | 402.3179 | 15.07325 | 402.7570 | 2.541525 | 1.000512 |
| #2 | 14.91289 | 402.8422 | 15.06769 | 402.6796 | 2.541504 | 1.000561 |
| #3 | 14.93253 | 408.4410 | 15.26739 | 409.5765 | 2.542065 | 1.004266 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 409.8934 | 2.562419 | 14.96112 | 147.9209 | 5.392746 | F 4.285340 |
| Stddev | 1.3574   | .015339  | .07942   | .3982    | .040608  | .049186    |
| %RSD   | .3311708 | .5985975 | .5308481 | .2691675 | .7530103 | 1.147775   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 409.5336 | 2.556337 | 14.98092 | 147.6069 | 5.439339 | 4.252767 |
| #2 | 408.7522 | 2.551054 | 15.02877 | 147.7871 | 5.374012 | 4.261333 |
| #3 | 411.3945 | 2.579866 | 14.87368 | 148.3688 | 5.364888 | 4.341919 |

Sample Name: CCV076      Acquired: 11/17/2017 15:49:53      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: CCV076      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.419775 | 5.578194 | 5.196470 | 5.382441 | 5.045941 | 5.506709 |
| Stddev | .008048  | .008493  | .060839  | .003296  | .017580  | .011211  |
| %RSD   | .1484857 | .1522464 | 1.170776 | .0612337 | .3483997 | .2035912 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 5.416213 | 5.583390 | 5.160870 | 5.381794 | 5.041922 | 5.513704 |
| #2 | 5.414123 | 5.582798 | 5.161821 | 5.379517 | 5.030718 | 5.512644 |
| #3 | 5.428989 | 5.568393 | 5.266719 | 5.386013 | 5.065182 | 5.493777 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 5.403561 |
| Stddev | .069190  |
| %RSD   | 1.280448 |

|    |          |
|----|----------|
| #1 | 5.396620 |
| #2 | 5.338104 |
| #3 | 5.475960 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1180.845 | 2341.449 | 34905.72 | 6406.956 | 2791.000 |
| Stddev    | 4.969    | 4.012    | 140.79   | 86.796   | 2.665    |
| %RSD      | .4208384 | .1713308 | .4033324 | 1.354718 | .0954794 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1177.718 | 2340.894 | 34982.56 | 6463.636 | 2788.232 |
| #2 | 1178.242 | 2345.709 | 34991.38 | 6450.199 | 2793.548 |
| #3 | 1186.575 | 2337.744 | 34743.24 | 6307.033 | 2791.220 |

Sample Name: CCB076      Acquired: 11/17/2017 15:53:55      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB076      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0041838 | .0042999 | .0007086 | .0008513 | -.001347 | -.000244 | -.000838 |
| Stddev | .0028685 | .0006778 | .0001709 | .0007845 | .000577  | .001949  | .000336  |
| %RSD   | 68.56121 | 15.76225 | 24.11397 | 92.14711 | 42.83292 | 800.3362 | 40.08195 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0058142 | .0050350 | .0005789 | .0013396 | -.001978 | -.000070 | -.000782 |
| #2 | .0058656 | .0036999 | .0006446 | .0012680 | -.001218 | .001613  | -.000534 |
| #3 | .0008717 | .0041648 | .0009022 | -.000054 | -.000846 | -.002274 | -.001199 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000010 | .0000286 | .0003997 | .0002460 | .0001435 | .0019314 | .0066059 |
| Stddev | .000059  | .0000381 | .0016638 | .0004578 | .0001634 | .0009601 | .0075762 |
| %RSD   | 598.5909 | 133.0012 | 416.2975 | 186.1412 | 113.8397 | 49.70853 | 114.6885 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000065 | .0000694 | .0015437 | .0003604 | .0002387 | .0026922 | .0012542 |
| #2 | -.000017 | .0000223 | .0011643 | -.000258 | .0002369 | .0008527 | .0032885 |
| #3 | .000052  | -.000006 | -.001509 | .000636  | -.000045 | .0022492 | .0152750 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000463 | -.011348 | -.000076 | .0001088 | -.236085 | .0019406 | -.001983 |
| Stddev | .000207  | .012572  | .000158  | .0002969 | .051866  | .0015926 | .001538  |
| %RSD   | 44.70383 | 110.7879 | 207.9054 | 272.9937 | 21.96905 | 82.06923 | 77.55156 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000559 | -.023910 | -.000129 | -.000147 | -.295107 | .0034350 | -.000554 |
| #2 | -.000603 | .001235  | .000102  | .000038  | -.197778 | .0002652 | -.001783 |
| #3 | -.000225 | -.011369 | -.000200 | .000435  | -.215371 | .0021214 | -.003610 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.036726 | .0001260 | .0008248 | .0004981 | -.000078 | -.011772 | .0001681 |
| Stddev | .032335  | .0013606 | .0007149 | .0002007 | .000952  | .000654  | .0006745 |
| %RSD   | 88.04476 | 1080.021 | 86.67437 | 40.29746 | 1216.098 | 5.559240 | 401.2167 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.050627 | -.001255 | .0016247 | .0004176 | .001016  | -.011475 | -.000472 |
| #2 | .000235  | .001465  | .0006017 | .0007266 | -.000717 | -.011319 | .000873  |
| #3 | -.059786 | .000168  | .0002481 | .0003501 | -.000535 | -.012523 | .000103  |

Sample Name: CCB076      Acquired: 11/17/2017 15:53:55      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: CCB076      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0000461 | -.000598 | -.000060 |
| Stddev | .0004311 | .001006  | .000024  |
| %RSD   | 934.9356 | 168.3227 | 39.65049 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.000079 | .000342  | -.000076 |
| #2 | .000526  | -.000476 | -.000033 |
| #3 | -.000308 | -.001659 | -.000071 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1597.468 | 3099.247 | 45100.83 | 7155.732 | 4501.984 |
| Stddev    | 8.448    | 7.740    | 78.98    | 12.250   | 9.227    |
| %RSD      | .5288412 | .2497289 | .1751250 | .1711935 | .2049610 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1599.358 | 3090.439 | 45082.11 | 7158.097 | 4491.571 |
| #2 | 1604.812 | 3102.339 | 45187.50 | 7166.627 | 4509.145 |
| #3 | 1588.236 | 3104.962 | 45032.90 | 7142.471 | 4505.235 |

Sample Name: PB104363BL      Acquired: 11/17/2017 16:07:32      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      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    | .0035421 | -.001835 | .0002779 | -.000454 | -.001122 | .0026726 | -.001010 |
| Stddev | .0018046 | .001788  | .0012056 | .001382  | .001180  | .0032080 | .000154  |
| %RSD   | 50.94571 | 97.44286 | 433.8880 | 304.3069 | 105.1721 | 120.0321 | 15.27749 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0016967 | -.002886 | .0016526 | .000696  | .000082  | -.000998 | -.001066 |
| #2 | .0036268 | .000230  | -.000599 | -.001987 | -.002276 | .004940  | -.001129 |
| #3 | .0053028 | -.002848 | -.000220 | -.000071 | -.001171 | .004075  | -.000836 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000016 | -.000060 | -.003842 | -.000005 | .0001094 | .0008666 | .0114079 |
| Stddev | .000010  | .000029  | .003466  | .000402  | .0001779 | .0020154 | .0013366 |
| %RSD   | 62.58285 | 47.94964 | 90.19467 | 7771.297 | 162.6292 | 232.5626 | 11.71614 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000005 | -.000052 | -.000978 | -.000297 | .0002654 | .0031056 | .0127997 |
| #2 | -.000024 | -.000092 | -.002855 | -.000172 | .0001470 | -.000802 | .0112896 |
| #3 | -.000019 | -.000037 | -.007695 | .000453  | -.000084 | .000297  | .0101345 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000435 | .0202624 | .0000443 | .0004747 | -.176968 | .0013618 | -.001679 |
| Stddev | .000520  | .0206278 | .0001111 | .0002207 | .080391  | .0015739 | .002887  |
| %RSD   | 119.6103 | 101.8031 | 250.9210 | 46.49355 | 45.42698 | 115.5797 | 171.9537 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.001031 | .0438658 | .0000619 | .0006142 | -.140951 | -.000037 | .000476  |
| #2 | -.000071 | .0112290 | .0001455 | .0005898 | -.120883 | .003066  | -.000554 |
| #3 | -.000203 | .0056924 | -.000075 | .0002202 | -.269069 | .001056  | -.004960 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.101219 | -.001771 | -.004157 | -.000240 | -.000039 | -.012653 | .0007944 |
| Stddev | .014140  | .000775  | .000908  | .000213  | .001946  | .001197  | .0004784 |
| %RSD   | 13.96998 | 43.73450 | 21.83611 | 88.69634 | 5011.789 | 9.462570 | 60.22415 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.098373 | -.000997 | -.003111 | -.000438 | -.001698 | -.013989 | .0005136 |
| #2 | -.088719 | -.002547 | -.004741 | -.000267 | -.000522 | -.012290 | .0005228 |
| #3 | -.116566 | -.001770 | -.004618 | -.000015 | .002103  | -.011679 | .0013468 |

Sample Name: PB104363BL      Acquired: 11/17/2017 16:07:32      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      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    | -.000356 | -.003224 | -.000041 |
| Stddev | .000376  | .000457  | .000017  |
| %RSD   | 105.7883 | 14.17724 | 41.19806 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.000790 | -.003748 | -.000022 |
| #2 | -.000141 | -.002903 | -.000052 |
| #3 | -.000136 | -.003022 | -.000050 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1577.179 | 3095.451 | 44964.27 | 7251.757 | 4497.870 |
| Stddev    | 4.437    | 7.516    | 79.18    | 5.617    | 1.803    |
| %RSD      | .2813352 | .2428033 | .1760860 | .0774541 | .0400927 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1573.202 | 3094.168 | 44935.92 | 7250.102 | 4495.902 |
| #2 | 1581.965 | 3088.660 | 45053.72 | 7258.015 | 4498.266 |
| #3 | 1576.369 | 3103.526 | 44903.17 | 7247.153 | 4499.443 |

Sample Name: PB104363BS      Acquired: 11/17/2017 16:11:42      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      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    | .0245651 | .0595282 | .0214460 | .0770503 | .1211232 | .3884250 |
| Stddev | .0015155 | .0018071 | .0015122 | .0020060 | .0002253 | .0079240 |
| %RSD   | 6.169317 | 3.035661 | 7.051448 | 2.603439 | .1860407 | 2.040026 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0261941 | .0615254 | .0230490 | .0748135 | .1210205 | .3884369 |
| #2 | .0231970 | .0590528 | .0212443 | .0776478 | .1213816 | .3963430 |
| #3 | .0243041 | .0580063 | .0200447 | .0786897 | .1209674 | .3804951 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4154261 | .0111357 | .0109514 | 10.17753 | .0235755 | .1041711 |
| Stddev | .0008961 | .0001112 | .0000221 | .04535   | .0006609 | .0001553 |
| %RSD   | .2157058 | .9985339 | .2015135 | .4455986 | 2.803234 | .1490313 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4143950 | .0111208 | .0109315 | 10.13917 | .0228648 | .1041870 |
| #2 | .4160164 | .0112537 | .0109751 | 10.22758 | .0236900 | .1043177 |
| #3 | .4158670 | .0110328 | .0109477 | 10.16585 | .0241716 | .1040085 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | .0526525 | .2286374 | .0324527 | 9.850808 | .0824375 | F .0261636 |
| Stddev | .0003866 | .0062085 | .0002414 | .099469  | .0003138 | .0003989   |
| %RSD   | .7343041 | 2.715449 | .7439735 | 1.009755 | .3806103 | 1.524478   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0528737 | .2254295 | .0321956 | 9.764947 | .0826874 | .0263505 |
| #2 | .0522061 | .2246892 | .0324878 | 9.959807 | .0825398 | .0257056 |
| #3 | .0528778 | .2357937 | .0326747 | 9.827671 | .0820854 | .0264346 |

|        |          |          |          |          |            |            |
|--------|----------|----------|----------|----------|------------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm        |
| Avg    | 9.715952 | .1103925 | .1231637 | 8.895109 | F .0272159 | F .0195671 |
| Stddev | .141279  | .0008242 | .0031140 | .078994  | .0012281   | .0001461   |
| %RSD   | 1.454097 | .7466168 | 2.528326 | .8880578 | 4.512248   | .7468591   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.869194 | .1109532 | .1235256 | 8.828855 | .0259438 | .0194094 |
| #2 | 9.590879 | .1094462 | .1198846 | 8.982530 | .0273094 | .0195941 |
| #3 | 9.687782 | .1107782 | .1260809 | 8.873942 | .0283945 | .0196979 |

Sample Name: PB104363BS      Acquired: 11/17/2017 16:11:42      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      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    | .0227531 | .2009128 | .2009425 | F .0144766 | .2014034 | .0999300 |
| Stddev | .0003565 | .0042321 | .0017538 | .0017463   | .0011457 | .0010986 |
| %RSD   | 1.566719 | 2.106423 | .8727869 | 12.06253   | .5688728 | 1.099362 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0227237 | .2040556 | .1989284 | .0137098 | .2002664 | .0994547 |
| #2 | .0224122 | .1961006 | .2021321 | .0132450 | .2025577 | .1011862 |
| #3 | .0231233 | .2025823 | .2017671 | .0164751 | .2013862 | .0991491 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .2051207 |
| Stddev | .0007080 |
| %RSD   | .3451359 |

|    |          |
|----|----------|
| #1 | .2043217 |
| #2 | .2056697 |
| #3 | .2053708 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1536.937 | 2999.374 | 43115.32 | 7153.381 | 4191.196 |
| Stddev    | 4.640    | 7.570    | 80.45    | 49.189   | 4.141    |
| %RSD      | .3019145 | .2523962 | .1866023 | .6876325 | .0988023 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1541.904 | 2996.177 | 43201.43 | 7195.519 | 4186.991 |
| #2 | 1536.193 | 2993.927 | 43042.08 | 7099.330 | 4191.327 |
| #3 | 1532.714 | 3008.019 | 43102.44 | 7165.295 | 4195.270 |

Sample Name: I6515-01      Acquired: 11/17/2017 16:15:49      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MC0AA0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0256884 | .0161601 | .1043636 | -.005285 | .0024623 | 50.73516 | .5374615 |
| Stddev | .0022181 | .0021203 | .0023845 | .003745  | .0012084 | .12681   | .0002540 |
| %RSD   | 8.634812 | 13.12039 | 2.284804 | 70.86322 | 49.07454 | .2499498 | .0472515 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0233614 | .0179297 | .1020975 | -.005837 | .0015030 | 50.59319 | .5376619 |
| #2 | .0259251 | .0167405 | .1041424 | -.001295 | .0020645 | 50.77510 | .5371759 |
| #3 | .0277788 | .0138101 | .1068510 | -.008724 | .0038195 | 50.83719 | .5375465 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0058897 | .0003218 | 8.570562 | .0702809 | .0841554 | .0638254 | 146.8718 |
| Stddev | .0000438 | .0001398 | .022468  | .0002969 | .0002338 | .0016629 | .6285    |
| %RSD   | .7434062 | 43.44683 | .2621536 | .4225248 | .2777989 | 2.605430 | .4279277 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0059150 | .0004721 | 8.545183 | .0702142 | .0838856 | .0657442 | 146.1684 |
| #2 | .0059150 | .0001955 | 8.578589 | .0706055 | .0842841 | .0629278 | 147.0686 |
| #3 | .0058392 | .0002978 | 8.587914 | .0700230 | .0842967 | .0628041 | 147.3783 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.589223 | 10.52303 | .1054176 | .0020025 | .6220669 | .1196595 | .3439470 |
| Stddev | .014516  | .07120   | .0010434 | .0003074 | .1043718 | .0014144 | .0006770 |
| %RSD   | .3163098 | .6766251 | .9897827 | 15.35085 | 16.77823 | 1.181989 | .1968426 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.573579 | 10.45040 | .1046989 | .0019054 | .6420489 | .1204770 | .3432454 |
| #2 | 4.591831 | 10.59271 | .1049396 | .0017553 | .5091487 | .1204751 | .3439991 |
| #3 | 4.602257 | 10.52597 | .1066144 | .0023467 | .7150031 | .1180263 | .3445965 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.801916 | 1.691517 | -.380259 | .0023175 | .9721599 | 14.94267 | .0077998 |
| Stddev | .048793  | .005426  | .001238  | .0002239 | .0050610 | .20847   | .0005040 |
| %RSD   | .8409859 | .3207967 | .3254698 | 9.662577 | .5205939 | 1.395111 | 6.461754 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.785179 | 1.692441 | -.380280 | .0020975 | .9664634 | 14.80923 | .0076650 |
| #2 | 5.856876 | 1.685688 | -.379011 | .0023099 | .9738784 | 14.83589 | .0083574 |
| #3 | 5.763695 | 1.696422 | -.381487 | .0025451 | .9761378 | 15.18290 | .0073768 |

Sample Name: I6515-01      Acquired: 11/17/2017 16:15:49      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MC0AA0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5888343 | .0807270 | .0583504 |
| Stddev | .0235499 | .0006985 | .0006827 |
| %RSD   | 3.999415 | .8652424 | 1.170079 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .5797440 | .0802619 | .0579438 |
| #2 | .6155746 | .0803890 | .0579687 |
| #3 | .5711843 | .0815302 | .0591386 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1568.948 | 3079.222 | 44521.15 | 7579.695 | 3985.288 |
| Stddev    | 7.615    | 12.430   | 82.49    | 30.185   | 8.703    |
| %RSD      | .4853813 | .4036820 | .1852750 | .3982378 | .2183669 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1562.022 | 3091.884 | 44563.20 | 7574.586 | 3995.222 |
| #2 | 1567.719 | 3067.038 | 44426.11 | 7552.390 | 3979.006 |
| #3 | 1577.103 | 3078.743 | 44574.14 | 7612.108 | 3981.638 |

Sample Name: I6515-02      Acquired: 11/17/2017 16:19:52      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MC0AA0D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0253774 | .0153355 | .1037134 | -.004413 | .0027150 | 50.50025 | .5341000 |
| Stddev | .0027969 | .0006804 | .0004977 | .001814  | .0009021 | .17056   | .0009457 |
| %RSD   | 11.02101 | 4.436554 | .4798683 | 41.11046 | 33.22502 | .3377438 | .1770603 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0285790 | .0150081 | .1034513 | -.002708 | .0032028 | 50.63218 | .5344319 |
| #2 | .0234093 | .0161177 | .1042874 | -.004211 | .0032680 | 50.30765 | .5330331 |
| #3 | .0241439 | .0148807 | .1034016 | -.006319 | .0016741 | 50.56091 | .5348349 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0058464 | .0000403 | 8.583524 | .0698286 | .0832040 | .0644316 | 146.7262 |
| Stddev | .0001116 | .0001289 | .020528  | .0007206 | .0005266 | .0010302 | .1451    |
| %RSD   | 1.908130 | 319.6996 | .2391519 | 1.031900 | .6329294 | 1.598838 | .0989034 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0059650 | .0000333 | 8.573396 | .0705051 | .0830705 | .0632751 | 146.6961 |
| #2 | .0058306 | -.000085 | 8.570028 | .0699099 | .0827569 | .0647691 | 146.5984 |
| #3 | .0057436 | .000173  | 8.607147 | .0690709 | .0837845 | .0652508 | 146.8840 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.592354 | 10.55818 | .1052224 | .0019466 | .5953402 | .1184087 | .3376892 |
| Stddev | .004235  | .05035   | .0010652 | .0003288 | .0561723 | .0024864 | .0051658 |
| %RSD   | .0922134 | .4769282 | 1.012344 | 16.89077 | 9.435325 | 2.099817 | 1.529760 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.591272 | 10.60267 | .1048454 | .0022541 | .6160508 | .1210262 | .3427060 |
| #2 | 4.588765 | 10.56834 | .1043970 | .0019856 | .5317530 | .1160784 | .3379753 |
| #3 | 4.597025 | 10.50351 | .1064248 | .0016000 | .6382166 | .1181214 | .3323862 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.833498 | 1.682749 | -.376126 | .0022028 | .9566650 | 14.91904 | .0075409 |
| Stddev | .044943  | .035902  | .002631  | .0004866 | .0172184 | .14165   | .0006071 |
| %RSD   | .7704374 | 2.133524 | .6995899 | 22.09210 | 1.799831 | .9494687 | 8.050986 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.884417 | 1.660235 | -.378839 | .0026997 | .9392807 | 15.06486 | .0068427 |
| #2 | 5.799357 | 1.663860 | -.375954 | .0017271 | .9570018 | 14.91032 | .0079448 |
| #3 | 5.816718 | 1.724152 | -.373585 | .0021816 | .9737124 | 14.78196 | .0078351 |

Sample Name: I6515-02      Acquired: 11/17/2017 16:19:52      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MC0AA0D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5779301 | .0794533 | .0584542 |
| Stddev | .0106949 | .0005577 | .0003292 |
| %RSD   | 1.850559 | .7019213 | .5632013 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .5736499 | .0799971 | .0584570 |
| #2 | .5901022 | .0788826 | .0587820 |
| #3 | .5700382 | .0794802 | .0581236 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1582.511 | 3140.396 | 44979.26 | 7620.204 | 4052.076 |
| Stddev    | 9.927    | 20.926   | 98.56    | 13.713   | 26.611   |
| %RSD      | .6272698 | .6663430 | .2191180 | .1799493 | .6567182 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1573.100 | 3141.621 | 44888.98 | 7604.652 | 4053.545 |
| #2 | 1592.883 | 3160.682 | 45084.41 | 7630.556 | 4077.921 |
| #3 | 1581.550 | 3118.884 | 44964.40 | 7625.402 | 4024.760 |

Sample Name: I6515-01LX5      Acquired: 11/17/2017 16:27:55      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MC0AA0L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0068682 | .0021983 | .0214535 | -.003152 | .0013814 | 10.50702 | .1099089 |
| Stddev | .0011760 | .0005537 | .0012584 | .001569  | .0007573 | .02207   | .0005302 |
| %RSD   | 17.12169 | 25.18726 | 5.865596 | 49.77634 | 54.82158 | .2100552 | .4823986 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0060934 | .0025467 | .0227534 | -.004916 | .0005560 | 10.48159 | .1097505 |
| #2 | .0082214 | .0015599 | .0213658 | -.001912 | .0020442 | 10.52113 | .1094760 |
| #3 | .0062899 | .0024884 | .0202412 | -.002627 | .0015440 | 10.51835 | .1105003 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0012866 | -.000041 | 1.814806 | .0146872 | .0165593 | .0135108 | 31.21721 |
| Stddev | .0000290 | .000082  | .005404  | .0002097 | .0001602 | .0017195 | .01536   |
| %RSD   | 2.255191 | 199.4187 | .2977940 | 1.427842 | .9674822 | 12.72649 | .0491878 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0012815 | .000044  | 1.820361 | .0145552 | .0166560 | .0122012 | 31.20016 |
| #2 | .0012605 | -.000120 | 1.809566 | .0145774 | .0166475 | .0154580 | 31.22153 |
| #3 | .0013179 | -.000047 | 1.814492 | .0149290 | .0163744 | .0128732 | 31.22995 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .9763470 | 2.198457 | .0209381 | .0004691 | .1062383 | .0242241 | .0669189 |
| Stddev | .0024010 | .019205  | .0001354 | .0001680 | .0840781 | .0012746 | .0027639 |
| %RSD   | .2459137 | .8735500 | .6465277 | 35.81612 | 79.14102 | 5.261626 | 4.130197 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .9747297 | 2.213028 | .0210939 | .0004010 | .0093408 | .0250586 | .0643298 |
| #2 | .9791058 | 2.205648 | .0208705 | .0003459 | .1599094 | .0248568 | .0698295 |
| #3 | .9752055 | 2.176695 | .0208498 | .0006605 | .1494647 | .0227570 | .0665974 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.109755 | .3280622 | -.088303 | .0000385 | .1928517 | 3.266510 | .0007953 |
| Stddev | .014475  | .0020113 | .001138  | .0001362 | .0041783 | .053692  | .0011933 |
| %RSD   | 1.304335 | .6130956 | 1.288625 | 353.7027 | 2.166588 | 1.643701 | 150.0458 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.114189 | .3283061 | -.088613 | .0000814 | .1965935 | 3.209203 | .0020025 |
| #2 | 1.093582 | .3299405 | -.087042 | .0001480 | .1936186 | 3.315651 | .0007670 |
| #3 | 1.121495 | .3259401 | -.089254 | -.000114 | .1883431 | 3.274676 | -.000384 |

Sample Name: I6515-01LX5      Acquired: 11/17/2017 16:27:55      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MC0AA0L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .1190015 | .0143210 | .0119215 |
| Stddev | .0183647 | .0004584 | .0004506 |
| %RSD   | 15.43230 | 3.200876 | 3.780096 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .1402027 | .0148266 | .0124415 |
| #2 | .1087793 | .0139325 | .0116789 |
| #3 | .1080225 | .0142040 | .0116442 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1630.195 | 3217.488 | 45689.53 | 7495.490 | 4465.997 |
| Stddev    | 6.437    | 20.020   | 204.50   | 18.301   | 20.627   |
| %RSD      | .3948401 | .6222120 | .4475853 | .2441573 | .4618707 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1636.085 | 3195.281 | 45588.74 | 7490.091 | 4445.245 |
| #2 | 1623.324 | 3234.152 | 45555.00 | 7515.883 | 4486.497 |
| #3 | 1631.175 | 3223.032 | 45924.87 | 7480.496 | 4466.249 |

Sample Name: I6515-04      Acquired: 11/17/2017 16:32:01      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MC0AA1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0172754 | .0185499 | .0858931 | -.009094 | .0047242 | 40.45323 | .3698444 |
| Stddev | .0022474 | .0009773 | .0031888 | .002334  | .0013745 | .07824   | .0010071 |
| %RSD   | 13.00936 | 5.268586 | 3.712536 | 25.66206 | 29.09530 | .1934154 | .2723026 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0195387 | .0182831 | .0839725 | -.007708 | .0060985 | 40.39178 | .3708718 |
| #2 | .0172433 | .0196329 | .0841327 | -.007785 | .0033495 | 40.54131 | .3698026 |
| #3 | .0150442 | .0177336 | .0895741 | -.011788 | .0047246 | 40.42659 | .3688589 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0062444 | -.000241 | 7.380897 | .0700233 | .0921081 | .1880504 | 188.6235 |
| Stddev | .0001204 | .000092  | .005399  | .0007955 | .0008848 | .0004228 | .1790    |
| %RSD   | 1.928436 | 38.12262 | .0731551 | 1.136097 | .9606435 | .2248416 | .0949227 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0062497 | -.000345 | 7.381897 | .0691063 | .0918265 | .1875801 | 188.6839 |
| #2 | .0061214 | -.000209 | 7.385726 | .0705279 | .0913983 | .1881722 | 188.7646 |
| #3 | .0063620 | -.000170 | 7.375067 | .0704358 | .0930995 | .1883990 | 188.4221 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.921200 | 10.51030 | .1305801 | .0021628 | .7954204 | .0949220 | .4160194 |
| Stddev | .007929  | .02471   | .0013349 | .0001778 | .0436582 | .0018937 | .0055931 |
| %RSD   | .2714348 | .2350695 | 1.022324 | 8.221019 | 5.488698 | 1.995000 | 1.344432 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.923921 | 10.53853 | .1295330 | .0020724 | .8023267 | .0958239 | .4100022 |
| #2 | 2.927411 | 10.49978 | .1301239 | .0020483 | .7487206 | .0961961 | .4210597 |
| #3 | 2.912269 | 10.49260 | .1320833 | .0023676 | .8352138 | .0927459 | .4169963 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.135259 | 1.449853 | -.488480 | .0062131 | .4929905 | 12.06867 | .0110373 |
| Stddev | .025268  | .006779  | .001981  | .0003938 | .0035927 | .10260   | .0009501 |
| %RSD   | .4118508 | .4675687 | .4055935 | 6.337815 | .7287574 | .8501489 | 8.608017 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.108893 | 1.457678 | -.486425 | .0061652 | .4971077 | 12.04754 | .0112920 |
| #2 | 6.159264 | 1.446086 | -.490378 | .0058454 | .4913723 | 11.97828 | .0099858 |
| #3 | 6.137619 | 1.445793 | -.488636 | .0066286 | .4904915 | 12.18019 | .0118341 |

Sample Name: I6515-04      Acquired: 11/17/2017 16:32:01      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MC0AA1      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .4384730 | .0804712 | .0383190 |
| Stddev | .0159807 | .0001715 | .0003200 |
| %RSD   | 3.644626 | .2131296 | .8352107 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .4560903 | .0806639 | .0382398 |
| #2 | .4249099 | .0804142 | .0380460 |
| #3 | .4344189 | .0803355 | .0386712 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1601.157 | 3178.297 | 45188.67 | 7714.892 | 4134.032 |
| Stddev    | 1.134    | 21.386   | 146.29   | 21.855   | 21.764   |
| %RSD      | .0708253 | .6728717 | .3237242 | .2832805 | .5264560 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1599.924 | 3168.368 | 45041.38 | 7705.611 | 4126.880 |
| #2 | 1601.393 | 3202.843 | 45190.71 | 7699.210 | 4158.472 |
| #3 | 1602.154 | 3163.682 | 45333.93 | 7739.856 | 4116.744 |

Sample Name: I6515-05      Acquired: 11/17/2017 16:36:03      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MC0AA2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0250677 | .0362268 | .0400441 | .0096057 | .0605933 | 15.21585 |
| Stddev | .0044686 | .0035368 | .0026410 | .0054341 | .0029584 | .05558   |
| %RSD   | 17.82630 | 9.762850 | 6.595149 | 56.57131 | 4.882328 | .3652604 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0213874 | .0391470 | .0380795 | .0123060 | .0600310 | 15.15567 |
| #2 | .0237756 | .0372392 | .0390066 | .0033504 | .0579564 | 15.26524 |
| #3 | .0300400 | .0322942 | .0430463 | .0131606 | .0637925 | 15.22664 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1199450 | .0015842 | -.000465 | 36.62327 | 21.35064 | .4749471 |
| Stddev | .0004320 | .0001023 | .000120  | .11968   | .13698   | .0031674 |
| %RSD   | .3601482 | 6.456763 | 25.68041 | .3267757 | .6415811 | .6669021 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1196360 | .0016909 | -.000594 | 36.53271 | 21.26727 | .4726881 |
| #2 | .1197604 | .0015747 | -.000446 | 36.57816 | 21.50873 | .4735856 |
| #3 | .1204386 | .0014870 | -.000357 | 36.75895 | 21.27591 | .4785677 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790     | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .0471767 | 67.41856 | 1.356293 | F 2249.581 | 4.092360 | .0003732 |
| Stddev | .0002821 | .08306   | .003035  | 4.756      | .026419  | .0004353 |
| %RSD   | .5980174 | .1231986 | .2238057 | .2113993   | .6455646 | 116.6512 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0470443 | 67.34260 | 1.352920 | 2244.091 | 4.074989 | .0007503 |
| #2 | .0469850 | 67.50725 | 1.358804 | 2252.220 | 4.079328 | .0004725 |
| #3 | .0475006 | 67.40583 | 1.357154 | 2252.433 | 4.122763 | -.000103 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7860056 | 1.056685 | .6282186 | 1.005923 | .6622029 | .7351674 |
| Stddev | .1115548 | .004285  | .0068501 | .025555  | .0110982 | .0016552 |
| %RSD   | 14.19262 | .4055575 | 1.090398 | 2.540457 | 1.675946 | .2251392 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7206082 | 1.054686 | .6207314 | 1.020619 | .6626302 | .7345051 |
| #2 | .9148128 | 1.061604 | .6297531 | 1.020735 | .6508972 | .7339460 |
| #3 | .7225957 | 1.053764 | .6341712 | .976414  | .6730812 | .7370512 |

Sample Name: I6515-05      Acquired: 11/17/2017 16:36:03      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MC0AA2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0117494 | .3787081 | 17.01819 | .0038641 | .2041684 | .0311772 |
| Stddev | .0001218 | .0080447 | .03025   | .0026007 | .0033114 | .0010008 |
| %RSD   | 1.037022 | 2.124246 | .1777747 | 67.30413 | 1.621899 | 3.210066 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0118796 | .3697020 | 16.99161 | .0013203 | .2078586 | .0313318 |
| #2 | .0117305 | .3812402 | 17.01185 | .0065182 | .2031906 | .0301081 |
| #3 | .0116381 | .3851821 | 17.05111 | .0037539 | .2014560 | .0320917 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .1096647 |
| Stddev | .0005443 |
| %RSD   | .4963476 |

|    |          |
|----|----------|
| #1 | .1094165 |
| #2 | .1102888 |
| #3 | .1092887 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1288.311 | 2578.449 | 37795.38 | 7039.556 | 3118.208 |
| Stddev    | 6.798    | 14.700   | 81.63    | 3.866    | 17.465   |
| %RSD      | .5276904 | .5701183 | .2159693 | .0549156 | .5601002 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1281.010 | 2583.075 | 37754.62 | 7035.199 | 3127.064 |
| #2 | 1289.462 | 2590.280 | 37742.16 | 7042.574 | 3129.471 |
| #3 | 1294.460 | 2561.992 | 37889.36 | 7040.896 | 3098.089 |

Sample Name: I6515-06      Acquired: 11/17/2017 16:40:01      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MC0AA3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0232239 | .0079110 | .1496932 | -.003065 | .0018740 | 37.38136 | .6407126 |
| Stddev | .0046640 | .0017561 | .0008466 | .001359  | .0019364 | .16004   | .0025191 |
| %RSD   | 20.08277 | 22.19869 | .5655715 | 44.34392 | 103.3289 | .4281258 | .3931664 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0266780 | .0097851 | .1487202 | -.002382 | -.000070 | 37.39028 | .6400635 |
| #2 | .0179185 | .0076446 | .1500974 | -.002182 | .001890  | 37.53675 | .6434927 |
| #3 | .0250751 | .0063033 | .1502619 | -.004630 | .003802  | 37.21704 | .6385816 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0048103 | .0014348 | 21.67620 | .0755820 | .0670440 | .3297286 | 89.35749 |
| Stddev | .0000523 | .0001055 | .07139   | .0119639 | .0004477 | .0018826 | .29267   |
| %RSD   | 1.087196 | 7.354963 | .3293636 | 15.82899 | .6677901 | .5709649 | .3275224 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0048707 | .0015423 | 21.64782 | .0619567 | .0674015 | .3275598 | 89.42169 |
| #2 | .0047817 | .0013314 | 21.75742 | .0804206 | .0665419 | .3309417 | 89.61273 |
| #3 | .0047786 | .0014308 | 21.62336 | .0843688 | .0671887 | .3306844 | 89.03806 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.995758 | 8.571139 | .0994309 | .0012920 | 1.946122 | .0841196 | .5019469 |
| Stddev | .009593  | .010802  | .0006133 | .0002671 | .165867  | .0018995 | .0026797 |
| %RSD   | .3202331 | .1260297 | .6167955 | 20.67387 | 8.522933 | 2.258115 | .5338619 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.002684 | 8.579303 | .0989700 | .0015861 | 2.094531 | .0850095 | .5006689 |
| #2 | 2.999782 | 8.575225 | .0991957 | .0012256 | 1.976765 | .0854108 | .5050263 |
| #3 | 2.984808 | 8.558890 | .1001270 | .0010644 | 1.767071 | .0819385 | .5001454 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.473955 | 2.811499 | -.196625 | .0033067 | 10.37893 | 7.854233 | .0122178 |
| Stddev | .068421  | .013923  | .001566  | .0001503 | .05537   | .410785  | .0010795 |
| %RSD   | 1.529318 | .4952086 | .7965144 | 4.546557 | .5335137 | 5.230116 | 8.835147 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.398081 | 2.801114 | -.195995 | .0034692 | 10.35463 | 7.402875 | .0115392 |
| #2 | 4.492820 | 2.806064 | -.198408 | .0032785 | 10.33987 | 8.206211 | .0134625 |
| #3 | 4.530965 | 2.827320 | -.195472 | .0031725 | 10.44230 | 7.953612 | .0116515 |

Sample Name: I6515-06      Acquired: 11/17/2017 16:40:01      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MC0AA3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .3505596 | .0542296 | .1476821 |
| Stddev | .0100071 | .0002759 | .0007886 |
| %RSD   | 2.854611 | .5087265 | .5339985 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .3601636 | .0545425 | .1477540 |
| #2 | .3401930 | .0541253 | .1484323 |
| #3 | .3513220 | .0540211 | .1468600 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1609.338 | 3174.304 | 45879.40 | 7900.069 | 4146.645 |
| Stddev    | 17.152   | 23.852   | 272.94   | 32.366   | 27.036   |
| %RSD      | 1.065761 | .7514102 | .5949076 | .4096924 | .6520072 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1609.096 | 3192.341 | 45847.84 | 7883.002 | 4166.611 |
| #2 | 1592.308 | 3183.312 | 45623.61 | 7879.809 | 4157.447 |
| #3 | 1626.609 | 3147.260 | 46166.74 | 7937.397 | 4115.878 |

Sample Name: I6515-07      Acquired: 11/17/2017 16:44:02      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MC0AA4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0123444 | .0027185 | .2256703 | .0044829 | .0063426 | 17.60058 | 1.637749 |
| Stddev | .0028795 | .0016701 | .0011545 | .0015855 | .0010145 | .05394   | .008491  |
| %RSD   | 23.32675 | 61.43481 | .5116019 | 35.36740 | 15.99533 | .3064702 | .5184387 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0126488 | .0010867 | .2255971 | .0027257 | .0057822 | 17.56726 | 1.642287 |
| #2 | .0093247 | .0044244 | .2245541 | .0049166 | .0075137 | 17.66282 | 1.643006 |
| #3 | .0150596 | .0026445 | .2268597 | .0058064 | .0057319 | 17.57168 | 1.627953 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0026282 | .0018228 | 35.26181 | .0306113 | .0285568 | 8.118664 | 51.72195 |
| Stddev | .0000208 | .0000639 | .12216   | .0013527 | .0003944 | .012538  | .09739   |
| %RSD   | .7897747 | 3.506685 | .3464353 | 4.418828 | 1.381075 | .1544354 | .1883028 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0026093 | .0018021 | 35.39189 | .0312609 | .0288592 | 8.105450 | 51.78232 |
| #2 | .0026504 | .0017718 | 35.24400 | .0315167 | .0281107 | 8.130395 | 51.60960 |
| #3 | .0026249 | .0018945 | 35.14952 | .0290564 | .0287006 | 8.120146 | 51.77395 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.368605 | 4.852224 | .0532797 | .0020685 | .3635872 | .0424742 | .4344543 |
| Stddev | .002532  | .023563  | .0005108 | .0006159 | .0577080 | .0030368 | .0053562 |
| %RSD   | .1068945 | .4856145 | .9586691 | 29.77508 | 15.87186 | 7.149704 | 1.232850 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.366005 | 4.877863 | .0526979 | .0018707 | .3228639 | .0393744 | .4307766 |
| #2 | 2.368749 | 4.831517 | .0534870 | .0027589 | .4296262 | .0426046 | .4405995 |
| #3 | 2.371062 | 4.847293 | .0536543 | .0015757 | .3382714 | .0454437 | .4319868 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.461045 | 3.356282 | -.102946 | .0009174 | 9.795155 | 3.255812 | .0356349 |
| Stddev | .019816  | .070711  | .001188  | .0003123 | .144809  | .071705  | .0009870 |
| %RSD   | .8051785 | 2.106820 | 1.154123 | 34.03968 | 1.478371 | 2.202363 | 2.769662 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.447090 | 3.281869 | -.103145 | .0006915 | 9.629597 | 3.334624 | .0364074 |
| #2 | 2.483726 | 3.422592 | -.104023 | .0007869 | 9.898242 | 3.194427 | .0359743 |
| #3 | 2.452318 | 3.364386 | -.101672 | .0012737 | 9.857627 | 3.238385 | .0345231 |

Sample Name: I6515-07      Acquired: 11/17/2017 16:44:02      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MC0AA4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .1847813 | .0265824 | .2213834 |
| Stddev | .0032437 | .0004426 | .0006189 |
| %RSD   | 1.755445 | 1.665172 | .2795632 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .1810429 | .0268770 | .2207491 |
| #2 | .1868501 | .0267968 | .2219857 |
| #3 | .1864509 | .0260734 | .2214153 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1588.456 | 3134.086 | 45673.39 | 7722.110 | 4276.787 |
| Stddev    | 13.391   | 12.708   | 336.08   | 23.625   | 20.658   |
| %RSD      | .8430486 | .4054859 | .7358244 | .3059421 | .4830148 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1577.382 | 3148.097 | 45472.36 | 7694.836 | 4293.127 |
| #2 | 1584.648 | 3130.856 | 45486.44 | 7735.256 | 4283.666 |
| #3 | 1603.340 | 3123.304 | 46061.37 | 7736.239 | 4253.567 |

Sample Name: I6515-08      Acquired: 11/17/2017 16:48:04      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MC0AA6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0579208 | .0139463 | .1056084 | -.006335 | .0036888 | 49.80136 | .5142796 |
| Stddev | .0019374 | .0019535 | .0025391 | .002082  | .0013651 | .18838   | .0015309 |
| %RSD   | 3.344930 | 14.00729 | 2.404226 | 32.86675 | 37.00777 | .3782691 | .2976758 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0569255 | .0136323 | .1028510 | -.008645 | .0023780 | 49.76683 | .5152784 |
| #2 | .0566834 | .0160378 | .1078499 | -.005759 | .0051024 | 49.63262 | .5125171 |
| #3 | .0601536 | .0121688 | .1061244 | -.004602 | .0035859 | 50.00461 | .5150432 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0063985 | -.000155 | 4.955047 | .0694532 | .0742859 | .1091661 | 145.6843 |
| Stddev | .0001003 | .000112  | .023584  | .0006542 | .0004601 | .0016097 | .4147    |
| %RSD   | 1.568008 | 72.27565 | .4759680 | .9419386 | .6194045 | 1.474499 | .2846644 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0063461 | -.000285 | 4.939425 | .0691085 | .0738728 | .1075002 | 145.6061 |
| #2 | .0063352 | -.000098 | 4.943541 | .0702077 | .0742030 | .1092853 | 145.3142 |
| #3 | .0065141 | -.000083 | 4.982176 | .0690434 | .0747818 | .1107129 | 146.1325 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.066942 | 11.65562 | .1282871 | .0012336 | .5646808 | .0984062 | .3913167 |
| Stddev | .003772  | .05651   | .0011596 | .0001322 | .0717166 | .0009868 | .0042332 |
| %RSD   | .3534943 | .4848634 | .9039237 | 10.71676 | 12.70037 | 1.002789 | 1.081791 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.068001 | 11.59519 | .1269501 | .0013261 | .6030555 | .0982374 | .3941943 |
| #2 | 1.062755 | 11.70717 | .1288932 | .0012926 | .4819419 | .0975147 | .3933000 |
| #3 | 1.070072 | 11.66448 | .1290181 | .0010822 | .6090451 | .0994665 | .3864560 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.703042 | 2.131645 | -.375402 | .0025238 | 1.665150 | 8.438204 | .0078527 |
| Stddev | .024164  | .009266  | .000946  | .0003046 | .004828  | .113617  | .0003646 |
| %RSD   | .5138054 | .4346910 | .2519887 | 12.06844 | .2899650 | 1.346455 | 4.642827 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.690894 | 2.133821 | -.374563 | .0028584 | 1.662368 | 8.313138 | .0074889 |
| #2 | 4.687362 | 2.139628 | -.375216 | .0022628 | 1.670725 | 8.466419 | .0082181 |
| #3 | 4.730870 | 2.121484 | -.376427 | .0024501 | 1.662355 | 8.535054 | .0078512 |

Sample Name: I6515-08      Acquired: 11/17/2017 16:48:04      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MC0AA6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .3189181 | .0998517 | .0318613 |
| Stddev | .0094966 | .0005436 | .0003198 |
| %RSD   | 2.977753 | .5444066 | 1.003624 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .3087430 | .1001661 | .0321491 |
| #2 | .3204652 | .1001650 | .0319178 |
| #3 | .3275462 | .0992240 | .0315171 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1631.109 | 3209.353 | 45790.49 | 7703.546 | 4184.272 |
| Stddev    | 8.601    | 15.730   | 291.28   | 20.315   | 22.537   |
| %RSD      | .5272916 | .4901313 | .6361042 | .2637122 | .5386144 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1621.823 | 3227.190 | 45490.54 | 7721.130 | 4209.812 |
| #2 | 1632.700 | 3197.464 | 45808.67 | 7708.200 | 4167.179 |
| #3 | 1638.803 | 3203.406 | 46072.24 | 7681.307 | 4175.824 |

Sample Name: I6515-09      Acquired: 11/17/2017 16:52:07      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MC0AA7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0322730 | .0189701 | .1467051 | -.005982 | .0036214 | 66.04187 | .7831911 |
| Stddev | .0013258 | .0012882 | .0005321 | .002961  | .0014075 | .43726   | .0032508 |
| %RSD   | 4.108116 | 6.790790 | .3626812 | 49.50574 | 38.86659 | .6621018 | .4150765 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0308719 | .0193615 | .1467428 | -.002762 | .0048142 | 65.67445 | .7822919 |
| #2 | .0335078 | .0175316 | .1461552 | -.006595 | .0039811 | 65.92565 | .7804846 |
| #3 | .0324392 | .0200172 | .1472173 | -.008589 | .0020689 | 66.52550 | .7867969 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0082558 | .0008242 | 11.43714 | .0956137 | .1061144 | .0935433 | 182.0532 |
| Stddev | .0000932 | .0001662 | .07345   | .0009819 | .0005230 | .0019259 | .9693    |
| %RSD   | 1.128348 | 20.15879 | .6422126 | 1.026888 | .4928390 | 2.058862 | .5324134 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0083287 | .0009493 | 11.39003 | .0962281 | .1059464 | .0929675 | 181.2042 |
| #2 | .0081509 | .0008876 | 11.39962 | .0944813 | .1056962 | .0956914 | 181.8462 |
| #3 | .0082879 | .0006357 | 11.52177 | .0961317 | .1067008 | .0919709 | 183.1093 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.261357 | 14.51680 | .1521527 | .0018001 | .7283318 | .1339354 | .5007716 |
| Stddev | .032540  | .04944   | .0008619 | .0004075 | .0956936 | .0011560 | .0094529 |
| %RSD   | .5196999 | .3405981 | .5664507 | 22.63737 | 13.13874 | .8631138 | 1.887669 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.231346 | 14.51030 | .1512144 | .0017051 | .8346983 | .1326617 | .5106161 |
| #2 | 6.256784 | 14.47093 | .1523345 | .0014485 | .7010691 | .1349182 | .4917662 |
| #3 | 6.295942 | 14.56917 | .1529091 | .0022466 | .6492278 | .1342262 | .4999327 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.697942 | 2.456079 | -.473998 | .0029213 | .9486894 | 8.660658 | .0096594 |
| Stddev | .075453  | .022830  | .004130  | .0004262 | .0086627 | .072165  | .0017348 |
| %RSD   | 1.324212 | .9295165 | .8712515 | 14.59098 | .9131212 | .8332511 | 17.96010 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.614690 | 2.445713 | -.472565 | .0029288 | .9391184 | 8.613047 | .0103296 |
| #2 | 5.717320 | 2.440271 | -.470776 | .0024914 | .9509574 | 8.625237 | .0076894 |
| #3 | 5.761815 | 2.482252 | -.478653 | .0033437 | .9559925 | 8.743689 | .0109591 |

Sample Name: I6515-09      Acquired: 11/17/2017 16:52:07      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MC0AA7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .3539599 | .1134176 | .0585260 |
| Stddev | .0078692 | .0004891 | .0005730 |
| %RSD   | 2.223203 | .4312409 | .9789993 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .3501464 | .1128833 | .0581070 |
| #2 | .3487240 | .1138431 | .0582921 |
| #3 | .3630094 | .1135264 | .0591789 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1653.488 | 3286.655 | 46364.64 | 7875.240 | 4100.769 |
| Stddev    | 5.634    | 3.956    | 137.20   | 38.285   | 9.645    |
| %RSD      | .3407643 | .1203525 | .2959215 | .4861434 | .2352111 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1648.897 | 3282.896 | 46256.06 | 7906.467 | 4104.741 |
| #2 | 1651.791 | 3290.781 | 46319.01 | 7886.726 | 4107.794 |
| #3 | 1659.776 | 3286.288 | 46518.84 | 7832.527 | 4089.772 |

Sample Name: I6515-10      Acquired: 11/17/2017 16:56:10      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MC0AA8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0332984 | .0087996 | .2683159 | -.001911 | .0052019 | 39.71146 | 1.559009 |
| Stddev | .0042149 | .0014211 | .0018475 | .002410  | .0014605 | .21793   | .011007  |
| %RSD   | 12.65805 | 16.14954 | .6885622 | 126.1055 | 28.07521 | .5487905 | .7060146 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0362928 | .0083578 | .2699508 | -.004558 | .0067044 | 39.76355 | 1.559844 |
| #2 | .0284784 | .0076519 | .2663116 | .000157  | .0037876 | 39.89863 | 1.569574 |
| #3 | .0351238 | .0103891 | .2686854 | -.001332 | .0051137 | 39.47221 | 1.547608 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0052281 | .0008000 | 28.58386 | .0876551 | .0494414 | 7.503683 | 105.0055 |
| Stddev | .0001020 | .0000894 | .23478   | .0380746 | .0002255 | .073855  | .8929    |
| %RSD   | 1.950865 | 11.17113 | .8213620 | 43.43687 | .4561748 | .9842527 | .8503211 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0051750 | .0007021 | 28.54168 | .0623519 | .0494197 | 7.529110 | 105.4374 |
| #2 | .0053457 | .0008206 | 28.83687 | .0691701 | .0492275 | 7.561466 | 105.6004 |
| #3 | .0051636 | .0008772 | 28.37304 | .1314433 | .0496770 | 7.420474 | 103.9788 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.104440 | 9.812363 | .0966083 | .0028834 | .5538989 | .0889685 | .4970287 |
| Stddev | .016844  | .080684  | .0006130 | .0001838 | .1289564 | .0017053 | .0033852 |
| %RSD   | .8003933 | .8222696 | .6344966 | 6.373388 | 23.28157 | 1.916735 | .6810864 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.106940 | 9.804561 | .0963649 | .0026783 | .5762428 | .0893639 | .4940534 |
| #2 | 2.119893 | 9.896664 | .0961545 | .0029385 | .4152307 | .0904414 | .5007118 |
| #3 | 2.086485 | 9.735863 | .0973056 | .0030333 | .6702233 | .0871003 | .4963209 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.189989 | 5.526798 | -.251265 | .0009330 | 9.441670 | 7.208863 | .0406751 |
| Stddev | .035664  | .031793  | .002617  | .0004154 | .044114  | .621946  | .0004046 |
| %RSD   | .6871613 | .5752501 | 1.041722 | 44.52064 | .4672314 | 8.627516 | .9946665 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.162224 | 5.492668 | -.252264 | .0004536 | 9.397267 | 6.638360 | .0411398 |
| #2 | 5.177532 | 5.532152 | -.253235 | .0011856 | 9.442252 | 7.116344 | .0404009 |
| #3 | 5.230210 | 5.555574 | -.248295 | .0011598 | 9.485490 | 7.871886 | .0404848 |

Sample Name: I6515-10      Acquired: 11/17/2017 16:56:10      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MC0AA8      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .2898865 | .0672878 | .1775925 |
| Stddev | .0106704 | .0005830 | .0019892 |
| %RSD   | 3.680886 | .8663507 | 1.120072 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .2853451 | .0677545 | .1791408 |
| #2 | .2822381 | .0674747 | .1782875 |
| #3 | .3020763 | .0666344 | .1753490 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1572.185 | 3150.101 | 45237.92 | 7817.059 | 4152.783 |
| Stddev    | 21.999   | 16.758   | 494.74   | 74.038   | 20.378   |
| %RSD      | 1.399239 | .5319819 | 1.093645 | .9471345 | .4907121 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1555.832 | 3140.578 | 44904.82 | 7778.296 | 4138.658 |
| #2 | 1563.528 | 3169.451 | 45002.53 | 7770.449 | 4176.144 |
| #3 | 1597.195 | 3140.275 | 45806.41 | 7902.430 | 4143.548 |

Sample Name: I6515-13      Acquired: 11/17/2017 17:00:11      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MC0AB1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0309054 | .0142078 | .1391824 | -.005351 | .0040206 | 51.75003 | .8785865 |
| Stddev | .0012401 | .0007199 | .0018849 | .003815  | .0016448 | .14296   | .0002392 |
| %RSD   | 4.012464 | 5.067125 | 1.354237 | 71.29756 | 40.91050 | .2762519 | .0272199 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0323128 | .0133856 | .1371739 | -.001003 | .0043637 | 51.59801 | .8785677 |
| #2 | .0299733 | .0147251 | .1394608 | -.006913 | .0022313 | 51.88176 | .8783572 |
| #3 | .0304301 | .0145127 | .1409126 | -.008137 | .0054668 | 51.77031 | .8788344 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0068253 | .0021676 | 21.48242 | .0742414 | .1171577 | .0894244 | 147.7988 |
| Stddev | .0001640 | .0000522 | .03909   | .0012328 | .0009676 | .0010219 | .4436    |
| %RSD   | 2.402487 | 2.410166 | .1819803 | 1.660471 | .8258782 | 1.142749 | .3001363 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0069809 | .0021970 | 21.49051 | .0756495 | .1162747 | .0888370 | 147.2882 |
| #2 | .0068410 | .0021985 | 21.51683 | .0737181 | .1170063 | .0906043 | 148.0894 |
| #3 | .0066540 | .0021073 | 21.43991 | .0733566 | .1181920 | .0888317 | 148.0188 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.010354 | 12.81249 | .1545742 | .0011914 | .7164033 | .1171462 | .5057480 |
| Stddev | .013321  | .09299   | .0010218 | .0001574 | .1122075 | .0011224 | .0119764 |
| %RSD   | .1900259 | .7257547 | .6610725 | 13.21481 | 15.66262 | .9581553 | 2.368054 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.995164 | 12.71736 | .1538881 | .0011038 | .6865107 | .1182729 | .4919469 |
| #2 | 7.015849 | 12.81691 | .1540859 | .0010972 | .6221693 | .1160280 | .5134110 |
| #3 | 7.020049 | 12.90318 | .1557486 | .0013731 | .8405300 | .1171378 | .5118860 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.687237 | 3.018043 | -.380279 | .0021710 | 2.041830 | 7.669104 | .0096577 |
| Stddev | .049457  | .019653  | .003966  | .0003544 | .005349  | .127280  | .0003395 |
| %RSD   | .8696171 | .6511968 | 1.042806 | 16.32215 | .2619848 | 1.659650 | 3.515701 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.637039 | 3.007190 | -.384066 | .0024405 | 2.036548 | 7.676742 | .0099881 |
| #2 | 5.688753 | 3.040730 | -.380616 | .0023028 | 2.047244 | 7.792393 | .0096755 |
| #3 | 5.735919 | 3.006209 | -.376156 | .0017696 | 2.041698 | 7.538177 | .0093097 |

Sample Name: I6515-13      Acquired: 11/17/2017 17:00:11      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MC0AB1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .3885849 | .0837168 | .0784644 |
| Stddev | .0026054 | .0009923 | .0006086 |
| %RSD   | .6704912 | 1.185364 | .7756930 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .3915256 | .0843865 | .0777713 |
| #2 | .3876646 | .0841872 | .0787102 |
| #3 | .3865645 | .0825768 | .0789117 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1666.534 | 3267.223 | 47268.60 | 8047.415 | 4118.559 |
| Stddev    | 13.040   | 4.859    | 123.99   | 23.967   | 9.032    |
| %RSD      | .7824768 | .1487343 | .2622989 | .2978222 | .2193095 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1679.298 | 3269.737 | 47287.51 | 8024.647 | 4126.235 |
| #2 | 1653.234 | 3270.311 | 47136.25 | 8045.174 | 4120.835 |
| #3 | 1667.070 | 3261.622 | 47382.05 | 8072.423 | 4108.605 |

Sample Name: I6515-11      Acquired: 11/17/2017 17:04:35      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MC0AA9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0267449 | .0122458 | .0458526 | .0001671 | .0038693 | 24.24047 | .3494975 |
| Stddev | .0002973 | .0008567 | .0021050 | .0001256 | .0009116 | .13837   | .0016533 |
| %RSD   | 1.111765 | 6.995454 | 4.590856 | 75.19478 | 23.55971 | .5708072 | .4730553 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0270660 | .0130384 | .0481604 | .0002647 | .0045636 | 24.39841 | .3512128 |
| #2 | .0266897 | .0113369 | .0453595 | .0002113 | .0028370 | 24.14060 | .3479141 |
| #3 | .0264790 | .0123621 | .0440379 | .0000253 | .0042072 | 24.18240 | .3493656 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0041661 | .0002199 | 23.34407 | .0426712 | .0529213 | .0541975 | 136.2516 |
| Stddev | .0000893 | .0000885 | .07986   | .0003494 | .0013773 | .0010073 | .7514    |
| %RSD   | 2.142487 | 40.24274 | .3420884 | .8188576 | 2.602576 | 1.858587 | .5514460 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0042675 | .0003203 | 23.43622 | .0425319 | .0544891 | .0551125 | 137.1076 |
| #2 | .0041315 | .0001864 | 23.30083 | .0424130 | .0519061 | .0543618 | 135.9461 |
| #3 | .0040994 | .0001531 | 23.29514 | .0430688 | .0523687 | .0531181 | 135.7011 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.716645 | 6.944824 | .0790651 | .0016259 | .6431678 | .0713778 | .3323737 |
| Stddev | .008418  | .054238  | .0023595 | .0001757 | .0449577 | .0015144 | .0051002 |
| %RSD   | .4903614 | .7809876 | 2.984243 | 10.80371 | 6.990039 | 2.121652 | 1.534479 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.723583 | 6.962139 | .0817885 | .0017752 | .6866783 | .0730457 | .3339824 |
| #2 | 1.719072 | 6.988290 | .0776359 | .0016702 | .6459345 | .0700890 | .3266631 |
| #3 | 1.707280 | 6.884042 | .0777709 | .0014324 | .5968907 | .0709986 | .3364756 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.592038 | 2.215075 | -.344959 | .0008578 | 2.357670 | 6.265212 | .0058760 |
| Stddev | .013414  | .056522  | .003089  | .0000919 | .069500  | .074260  | .0006050 |
| %RSD   | .3734454 | 2.551684 | .8954275 | 10.71835 | 2.947819 | 1.185267 | 10.29569 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.601321 | 2.279983 | -.348289 | .0008850 | 2.437749 | 6.281728 | .0063425 |
| #2 | 3.598135 | 2.188526 | -.344400 | .0007553 | 2.313078 | 6.184085 | .0051924 |
| #3 | 3.576658 | 2.176715 | -.342188 | .0009330 | 2.322182 | 6.329823 | .0060931 |

Sample Name: I6515-11      Acquired: 11/17/2017 17:04:35      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MC0AA9      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .2604033 | .0417001 | .0649444 |
| Stddev | .0011479 | .0003426 | .0008677 |
| %RSD   | .4408239 | .8216233 | 1.336045 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .2607341 | .0420298 | .0658604 |
| #2 | .2613495 | .0417248 | .0641348 |
| #3 | .2591263 | .0413459 | .0648379 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1646.920 | 3331.126 | 46473.31 | 7836.452 | 4389.397 |
| Stddev    | 16.566   | 75.581   | 374.21   | 56.896   | 100.785  |
| %RSD      | 1.005855 | 2.268930 | .8052164 | .7260405 | 2.296106 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1635.944 | 3244.831 | 46207.77 | 7774.603 | 4274.946 |
| #2 | 1665.975 | 3385.556 | 46901.29 | 7848.189 | 4464.883 |
| #3 | 1638.841 | 3362.992 | 46310.86 | 7886.564 | 4428.360 |

Sample Name: I6515-12      Acquired: 11/17/2017 17:08:38      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MC0AB0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0225638 | .0122421 | .1092756 | .0007842 | .0033683 | 33.94063 | .9001869 |
| Stddev | .0006170 | .0008945 | .0006569 | .0021554 | .0007494 | .16956   | .0038412 |
| %RSD   | 2.734224 | 7.306382 | .6011199 | 274.8603 | 22.24842 | .4995646 | .4267108 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0222904 | .0124902 | .1094725 | -.001704 | .0026273 | 34.04937 | .9037629 |
| #2 | .0221309 | .0112498 | .1098115 | .001991  | .0033518 | 33.74526 | .8961265 |
| #3 | .0232703 | .0129864 | .1085428 | .002065  | .0041258 | 34.02727 | .9006714 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0057933 | .0025579 | 23.68133 | .0545541 | .0666304 | .0763164 | 103.7783 |
| Stddev | .0000369 | .0000830 | .15699   | .0015195 | .0011696 | .0016093 | .6073    |
| %RSD   | .6368278 | 3.246695 | .6629426 | 2.785356 | 1.755424 | 2.108688 | .5851804 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0057523 | .0026140 | 23.72205 | .0531871 | .0679549 | .0745033 | 103.8792 |
| #2 | .0058038 | .0024625 | 23.50799 | .0561902 | .0657396 | .0768702 | 103.1268 |
| #3 | .0058238 | .0025974 | 23.81395 | .0542850 | .0661966 | .0775756 | 104.3288 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.817514 | 8.556140 | .0916707 | .0015964 | .5439853 | .0819907 | .4250493 |
| Stddev | .024533  | .105556  | .0014540 | .0001374 | .1317070 | .0008108 | .0068377 |
| %RSD   | .6426400 | 1.233685 | 1.586069 | 8.607789 | 24.21151 | .9888828 | 1.608685 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.822440 | 8.570494 | .0932774 | .0015766 | .4296117 | .0815335 | .4187009 |
| #2 | 3.790891 | 8.444142 | .0904457 | .0017426 | .5143633 | .0829268 | .4322889 |
| #3 | 3.839209 | 8.653785 | .0912888 | .0014699 | .6879808 | .0815118 | .4241580 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.900856 | 2.427200 | -.265394 | .0013780 | 1.320483 | 8.329283 | .0072384 |
| Stddev | .056552  | .033365  | .000633  | .0002378 | .012526  | .024883  | .0010635 |
| %RSD   | 1.153919 | 1.374636 | .2383930 | 17.25816 | .9485790 | .2987447 | 14.69274 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.953619 | 2.444647 | -.265591 | .0013538 | 1.334627 | 8.351318 | .0081563 |
| #2 | 4.841155 | 2.388729 | -.264686 | .0016270 | 1.310794 | 8.302296 | .0074859 |
| #3 | 4.907796 | 2.448225 | -.265904 | .0011532 | 1.316026 | 8.334235 | .0060729 |

Sample Name: I6515-12      Acquired: 11/17/2017 17:08:38      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MC0AB0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .3661176 | .0533233 | .0806594 |
| Stddev | .0021962 | .0004289 | .0005576 |
| %RSD   | .5998550 | .8043746 | .6913048 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .3643807 | .0528301 | .0812230 |
| #2 | .3685862 | .0536086 | .0806473 |
| #3 | .3653858 | .0535314 | .0801079 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1764.773 | 3605.212 | 49216.02 | 8097.163 | 4638.072 |
| Stddev    | 28.254   | 59.974   | 693.62   | 54.684   | 66.337   |
| %RSD      | 1.600987 | 1.663523 | 1.409331 | .6753467 | 1.430280 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1789.602 | 3539.052 | 49753.94 | 8074.938 | 4563.836 |
| #2 | 1734.031 | 3656.012 | 48433.17 | 8159.460 | 4691.544 |
| #3 | 1770.686 | 3620.571 | 49460.95 | 8057.090 | 4658.834 |

Sample Name: I6515-14      Acquired: 11/17/2017 17:12:42      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MC0AB2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0212625 | .0114562 | .0843597 | -.002825 | .0021870 | 33.20867 | .5060717 |
| Stddev | .0021524 | .0012994 | .0022774 | .001327  | .0018618 | .45695   | .0064953 |
| %RSD   | 10.12295 | 11.34198 | 2.699683 | 46.95920 | 85.12927 | 1.375989 | 1.283481 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0190159 | .0114421 | .0850664 | -.002537 | .0031060 | 33.37026 | .5094989 |
| #2 | .0214653 | .0127625 | .0818127 | -.004272 | .0034105 | 33.56287 | .5101357 |
| #3 | .0233064 | .0101639 | .0862001 | -.001666 | .0000444 | 32.69289 | .4985806 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0046094 | .0008159 | 20.22378 | .0464483 | .0750911 | .0631503 | 102.4156 |
| Stddev | .0001103 | .0001133 | .23932   | .0012849 | .0010425 | .0018053 | 1.1958   |
| %RSD   | 2.392980 | 13.89272 | 1.183349 | 2.766244 | 1.388358 | 2.858721 | 1.167631 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0046951 | .0009182 | 20.34423 | .0472630 | .0758288 | .0640373 | 102.9252 |
| #2 | .0044849 | .0006940 | 20.37894 | .0449671 | .0738984 | .0643406 | 103.2722 |
| #3 | .0046481 | .0008354 | 19.94816 | .0471148 | .0755461 | .0610731 | 101.0494 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.354688 | 8.817057 | .0926919 | .0011187 | .4597118 | .0777544 | .3546102 |
| Stddev | .057019  | .068987  | .0011991 | .0004060 | .0837812 | .0001911 | .0094661 |
| %RSD   | 1.309362 | .7824301 | 1.293609 | 36.29391 | 18.22472 | .2457111 | 2.669450 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.386770 | 8.813884 | .0937656 | .0010207 | .4537597 | .0775351 | .3619144 |
| #2 | 4.388438 | 8.887576 | .0913980 | .0015648 | .5463103 | .0778847 | .3439158 |
| #3 | 4.288856 | 8.749711 | .0929120 | .0007707 | .3790654 | .0778434 | .3580006 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.102857 | 2.379985 | -.260920 | .0013329 | 2.055525 | 5.561328 | .0116755 |
| Stddev | .061725  | .028677  | .001858  | .0000963 | .021731  | .088901  | .0007058 |
| %RSD   | 1.504430 | 1.204919 | .7122673 | 7.221711 | 1.057199 | 1.598564 | 6.044765 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.107500 | 2.412681 | -.263065 | .0012713 | 2.076984 | 5.524457 | .0122223 |
| #2 | 4.162129 | 2.359098 | -.259814 | .0014438 | 2.033532 | 5.496795 | .0119253 |
| #3 | 4.038942 | 2.368176 | -.259880 | .0012836 | 2.056060 | 5.662732 | .0108788 |

Sample Name: I6515-14      Acquired: 11/17/2017 17:12:42      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MC0AB2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .2572771 | .0542651 | .0592423 |
| Stddev | .0057895 | .0014416 | .0009311 |
| %RSD   | 2.250298 | 2.656529 | 1.571691 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .2636234 | .0549291 | .0594954 |
| #2 | .2522843 | .0552550 | .0600207 |
| #3 | .2559234 | .0526112 | .0582108 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1884.230 | 3792.829 | 52127.07 | 8513.291 | 4858.816 |
| Stddev    | 27.745   | 32.580   | 902.83   | 77.870   | 43.606   |
| %RSD      | 1.472493 | .8590022 | 1.731988 | .9146832 | .8974624 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1859.485 | 3763.714 | 51481.51 | 8487.514 | 4816.468 |
| #2 | 1914.225 | 3828.019 | 53158.76 | 8451.578 | 4903.579 |
| #3 | 1878.979 | 3786.754 | 51740.95 | 8600.781 | 4856.401 |

Sample Name: I6515-15      Acquired: 11/17/2017 17:16:45      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MC0AB3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0227610 | .0137916 | .1117276 | -.003519 | .0021709 | 45.33235 | .8609790 |
| Stddev | .0023764 | .0004997 | .0037024 | .004134  | .0010143 | .55213   | .0069056 |
| %RSD   | 10.44067 | 3.623190 | 3.313811 | 117.4612 | 46.72230 | 1.217965 | .8020609 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0255038 | .0140654 | .1126130 | -.006121 | .0033078 | 44.92267 | .8557187 |
| #2 | .0214624 | .0132149 | .1076628 | .001247  | .0018464 | 45.96024 | .8687989 |
| #3 | .0213169 | .0140947 | .1149071 | -.005684 | .0013586 | 45.11414 | .8584194 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0071272 | .0031026 | 24.62931 | .0620070 | .1403339 | .0821688 | 124.2292 |
| Stddev | .0000359 | .0002766 | .36074   | .0023870 | .0030211 | .0007943 | 1.8694   |
| %RSD   | .5035109 | 8.914134 | 1.464660 | 3.849524 | 2.152803 | .9666932 | 1.504819 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0070904 | .0033853 | 24.29750 | .0646161 | .1418647 | .0825614 | 122.5934 |
| #2 | .0071291 | .0028326 | 25.01329 | .0599329 | .1368537 | .0826903 | 126.2669 |
| #3 | .0071621 | .0030900 | 24.57715 | .0614719 | .1422831 | .0812546 | 123.8273 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.829887 | 11.23752 | .1631182 | .0011358 | .5185917 | .0990693 | .5772295 |
| Stddev | .125227  | .19595   | .0044177 | .0002567 | .0631762 | .0013548 | .0134985 |
| %RSD   | 1.599352 | 1.743714 | 2.708296 | 22.60417 | 12.18226 | 1.367527 | 2.338498 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.719487 | 11.09142 | .1650492 | .0009280 | .5444678 | .0976318 | .5925370 |
| #2 | 7.965962 | 11.46019 | .1580637 | .0014228 | .5647219 | .1003226 | .5721197 |
| #3 | 7.804213 | 11.16094 | .1662417 | .0010565 | .4465855 | .0992536 | .5670319 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.668432 | 2.640077 | -.323772 | .0019313 | 2.428099 | 4.464237 | .0081662 |
| Stddev | .032489  | .061295  | .005949  | .0003440 | .076185  | .048047  | .0008850 |
| %RSD   | .6959381 | 2.321700 | 1.837499 | 17.81040 | 3.137653 | 1.076264 | 10.83760 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.636236 | 2.646780 | -.319545 | .0015554 | 2.458116 | 4.433209 | .0079244 |
| #2 | 4.701207 | 2.575706 | -.330576 | .0020081 | 2.341477 | 4.519581 | .0091471 |
| #3 | 4.667853 | 2.697745 | -.321197 | .0022304 | 2.484703 | 4.439921 | .0074273 |

Sample Name: I6515-15      Acquired: 11/17/2017 17:16:45      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MC0AB3      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .2608464 | .0752717 | .0744881 |
| Stddev | .0036576 | .0015764 | .0012103 |
| %RSD   | 1.402195 | 2.094254 | 1.624832 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .2650697 | .0735779 | .0737523 |
| #2 | .2587571 | .0766959 | .0758850 |
| #3 | .2587123 | .0755413 | .0738270 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1980.679 | 4029.403 | 54283.77 | 8835.729 | 4993.211 |
| Stddev    | 32.450   | 96.691   | 914.24   | 154.865  | 107.737  |
| %RSD      | 1.638302 | 2.399626 | 1.684189 | 1.752712 | 2.157678 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1943.240 | 3984.679 | 53260.45 | 8987.597 | 4938.862 |
| #2 | 2000.714 | 4140.359 | 55020.04 | 8678.031 | 5117.297 |
| #3 | 1998.082 | 3963.172 | 54570.81 | 8841.560 | 4923.473 |

Sample Name: I6515-16      Acquired: 11/17/2017 17:20:46      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MC0AB4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0175995 | .0127870 | .0902933 | -.001286 | .0020630 | 33.04832 | .4817226 |
| Stddev | .0019650 | .0003781 | .0009861 | .003871  | .0007277 | .69509   | .0100148 |
| %RSD   | 11.16537 | 2.956664 | 1.092080 | 300.9201 | 35.27622 | 2.103266 | 2.078955 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0155109 | .0124186 | .0908232 | -.004295 | .0022849 | 33.83583 | .4932017 |
| #2 | .0178759 | .0131741 | .0909012 | .003081  | .0012501 | 32.78884 | .4771950 |
| #3 | .0194117 | .0127683 | .0891556 | -.002645 | .0026539 | 32.52030 | .4747711 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0046275 | -.000044 | 14.58348 | .0447580 | .0500179 | .0506067 | 102.6932 |
| Stddev | .0001253 | .000142  | .28594   | .0005556 | .0008081 | .0026107 | 2.1770   |
| %RSD   | 2.706656 | 323.1949 | 1.960711 | 1.241275 | 1.615533 | 5.158836 | 2.119906 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0047714 | -.000024 | 14.90774 | .0453866 | .0508118 | .0535893 | 105.1599 |
| #2 | .0045434 | -.000195 | 14.47522 | .0445547 | .0491964 | .0487363 | 101.8792 |
| #3 | .0045676 | .000087  | 14.36747 | .0443327 | .0500454 | .0494945 | 101.0405 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.327404 | 8.179660 | .0703700 | .0015431 | .5619051 | .0794781 | .2834739 |
| Stddev | .066939  | .150606  | .0012322 | .0001198 | .0403590 | .0032363 | .0054553 |
| %RSD   | 2.011745 | 1.841222 | 1.750997 | 7.764278 | 7.182536 | 4.071941 | 1.924429 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.403486 | 8.346164 | .0717913 | .0016813 | .5278448 | .0831521 | .2891201 |
| #2 | 3.301174 | 8.139875 | .0696022 | .0014692 | .6064811 | .0770499 | .2782320 |
| #3 | 3.277553 | 8.052941 | .0697165 | .0014786 | .5513895 | .0782322 | .2830698 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.265165 | 1.900491 | -.267035 | .0009306 | 1.479877 | 4.709559 | .0047112 |
| Stddev | .114374  | .062440  | .006777  | .0000580 | .039825  | .176716  | .0007652 |
| %RSD   | 2.681580 | 3.285442 | 2.537955 | 6.231317 | 2.691104 | 3.752273 | 16.24255 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.391838 | 1.953555 | -.274765 | .0009769 | 1.517973 | 4.911526 | .0038280 |
| #2 | 4.234184 | 1.831688 | -.264223 | .0009494 | 1.438523 | 4.583367 | .0051304 |
| #3 | 4.169473 | 1.916231 | -.262115 | .0008656 | 1.483134 | 4.633786 | .0051752 |

Sample Name: I6515-16      Acquired: 11/17/2017 17:20:46      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MC0AB4      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .2197437 | .0516469 | .0530997 |
| Stddev | .0020604 | .0016474 | .0017939 |
| %RSD   | .9376287 | 3.189823 | 3.378409 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .2187910 | .0535491 | .0551570 |
| #2 | .2221080 | .0506933 | .0522803 |
| #3 | .2183320 | .0506981 | .0518618 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2021.219 | 4328.058 | 55342.33 | 8629.420 | 5551.123 |
| Stddev    | 28.231   | 70.295   | 469.17   | 191.155  | 91.291   |
| %RSD      | 1.396729 | 1.624178 | .8477550 | 2.215160 | 1.644552 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1988.660 | 4264.950 | 54820.94 | 8412.901 | 5466.473 |
| #2 | 2036.114 | 4403.821 | 55475.62 | 8700.529 | 5647.853 |
| #3 | 2038.883 | 4315.401 | 55730.43 | 8774.829 | 5539.042 |

Sample Name: I6515-17      Acquired: 11/17/2017 17:24:48      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MC0AB5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0145466 | .0146633 | .1292469 | .0013175 | .0019349 | 40.68092 | .7878451 |
| Stddev | .0015210 | .0015822 | .0051450 | .0019599 | .0010089 | 1.14439  | .0241161 |
| %RSD   | 10.45586 | 10.78986 | 3.980754 | 148.7549 | 52.14315 | 2.813078 | 3.061015 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0163013 | .0140056 | .1332946 | .0028381 | .0010363 | 40.89512 | .7936528 |
| #2 | .0136061 | .0164682 | .1234570 | .0020089 | .0030263 | 41.70307 | .8085270 |
| #3 | .0137322 | .0135161 | .1309891 | -.000894 | .0017422 | 39.44456 | .7613555 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0060341 | .0018766 | 15.72231 | .0555769 | .0558693 | .1645070 | 104.5179 |
| Stddev | .0001979 | .0002647 | .46023   | .0030527 | .0022141 | .0043459 | 2.9078   |
| %RSD   | 3.279499 | 14.10739 | 2.927236 | 5.492720 | 3.963079 | 2.641771 | 2.782138 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0060554 | .0019816 | 15.76687 | .0585001 | .0575350 | .1656277 | 104.9024 |
| #2 | .0062205 | .0015755 | 16.15863 | .0558211 | .0533567 | .1681827 | 107.2144 |
| #3 | .0058264 | .0020728 | 15.24141 | .0524094 | .0567162 | .1597104 | 101.4370 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.382699 | 9.025985 | .0933958 | .0144263 | .6429078 | .0776568 | .5845915 |
| Stddev | .122820  | .267652  | .0040381 | .0004856 | .0650017 | .0042160 | .0328168 |
| %RSD   | 2.802391 | 2.965354 | 4.323664 | 3.366164 | 10.11058 | 5.428949 | 5.613636 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.404282 | 9.111455 | .0965388 | .0148834 | .5728802 | .0764535 | .6121985 |
| #2 | 4.493298 | 9.240464 | .0888414 | .0144789 | .6545267 | .0823435 | .5932675 |
| #3 | 4.250518 | 8.726037 | .0948072 | .0139165 | .7013166 | .0741732 | .5483083 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.623139 | 4.611532 | -.267411 | .0023647 | 1.957882 | 3.464385 | .0180813 |
| Stddev | .086852  | .236269  | .010413  | .0002908 | .098264  | .154148  | .0006816 |
| %RSD   | 2.397158 | 5.123447 | 3.894183 | 12.29554 | 5.018898 | 4.449496 | 3.769680 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.636747 | 4.759460 | -.264977 | .0026985 | 2.024528 | 3.434175 | .0180690 |
| #2 | 3.702385 | 4.339046 | -.278827 | .0022289 | 1.845032 | 3.631402 | .0174059 |
| #3 | 3.530287 | 4.736091 | -.258431 | .0021668 | 2.004086 | 3.327580 | .0187690 |

Sample Name: I6515-17      Acquired: 11/17/2017 17:24:48      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MC0AB5      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .1797637 | .0581943 | .0662732 |
| Stddev | .0013686 | .0017501 | .0017703 |
| %RSD   | .7613589 | 3.007396 | 2.671212 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .1812041 | .0587681 | .0670084 |
| #2 | .1784803 | .0595855 | .0675574 |
| #3 | .1796066 | .0562293 | .0642537 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2707.113 | 5795.025 | 71161.01 | 10612.72 | 7135.869 |
| Stddev    | 111.222  | 167.449  | 3153.52  | 214.78   | 195.992  |
| %RSD      | 4.108493 | 2.889535 | 4.431533 | 2.023797 | 2.746575 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2613.578 | 5669.180 | 68177.86 | 10607.55 | 6971.127 |
| #2 | 2677.665 | 5985.075 | 70844.18 | 10400.57 | 7352.620 |
| #3 | 2830.095 | 5730.819 | 74460.99 | 10830.04 | 7083.860 |

Sample Name: CCV077      Acquired: 11/17/2017 17:47:16      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV077      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.011930 | 4.896961 | 25.19569 | 5.081682 | 4.957639 | 368.0155 |
| Stddev | .015526  | .021766  | .00683   | .021842  | .012510  | .3126    |
| %RSD   | .3097799 | .4444739 | .0271023 | .4298193 | .2523467 | .0849406 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.994062 | 4.881999 | 25.18781 | 5.057925 | 4.943290 | 367.6548 |
| #2 | 5.019596 | 4.921931 | 25.19929 | 5.100895 | 4.966261 | 368.1836 |
| #3 | 5.022132 | 4.886954 | 25.19997 | 5.086225 | 4.963365 | 368.2080 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.589844 | .4886547 | 2.559955 | 385.9143 | 15.27898 | 2.547038 |
| Stddev | .082668  | .0018282 | .000847  | .9309    | .03662   | .002290  |
| %RSD   | .8620349 | .3741375 | .0330732 | .2412126 | .2396817 | .0899167 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.643669 | .4873409 | 2.558979 | 384.9307 | 15.23691 | 2.546199 |
| #2 | 9.494659 | .4878804 | 2.560383 | 386.0306 | 15.29630 | 2.549629 |
| #3 | 9.631203 | .4907426 | 2.560502 | 386.7816 | 15.30372 | 2.545285 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 13.55971 | 378.4519 | 14.27272 | 382.0564 | 2.474530 | 1.373761 |
| Stddev | .02714   | .1970    | .01206   | .4473    | .001030  | .006216  |
| %RSD   | .2001701 | .0520668 | .0845029 | .1170807 | .0416180 | .4524871 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 13.58508 | 378.2594 | 14.26602 | 381.7495 | 2.473750 | 1.380863 |
| #2 | 13.56296 | 378.4432 | 14.26551 | 381.8502 | 2.474142 | 1.371108 |
| #3 | 13.53108 | 378.6532 | 14.28665 | 382.5697 | 2.475697 | 1.369311 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 369.7975 | 2.337327 | 14.77096 | 136.7903 | 5.224164 | F 4.020939 |
| Stddev | .9607    | .003555  | .05352   | .1985    | .053697  | .015616    |
| %RSD   | .2597940 | .1521177 | .3623129 | .1451404 | 1.027860 | .3883736   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 368.8866 | 2.340032 | 14.80946 | 136.9802 | 5.179352 | 4.032442 |
| #2 | 369.7045 | 2.333300 | 14.70985 | 136.8068 | 5.283682 | 4.003162 |
| #3 | 370.8013 | 2.338650 | 14.79356 | 136.5841 | 5.209458 | 4.027214 |

Sample Name: CCV077      Acquired: 11/17/2017 17:47:16      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV077      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.010030 | 5.287155 | 4.624028 | 5.154530 | 4.627007 | 4.980580 |
| Stddev | .006329  | .031870  | .018515  | .003272  | .005732  | .017421  |
| %RSD   | .1263208 | .6027731 | .4004151 | .0634715 | .1238722 | .3497883 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 5.007257 | 5.250540 | 4.631501 | 5.151382 | 4.620768 | 4.961859 |
| #2 | 5.017271 | 5.308652 | 4.602944 | 5.157913 | 4.632038 | 4.983566 |
| #3 | 5.005560 | 5.302274 | 4.637639 | 5.154296 | 4.628217 | 4.996316 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 4.610145 |
| Stddev | .021637  |
| %RSD   | .4693431 |

|    |          |
|----|----------|
| #1 | 4.604497 |
| #2 | 4.591892 |
| #3 | 4.634047 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1271.426 | 2545.543 | 36667.69 | 6715.703 | 2987.211 |
| Stddev    | 5.152    | 3.176    | 64.95    | 8.319    | 2.524    |
| %RSD      | .4052526 | .1247688 | .1771189 | .1238702 | .0844893 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1269.225 | 2548.100 | 36605.23 | 6709.401 | 2989.145 |
| #2 | 1277.313 | 2541.988 | 36662.98 | 6725.132 | 2984.356 |
| #3 | 1267.739 | 2546.541 | 36734.86 | 6712.575 | 2988.132 |

Sample Name: CCB077      Acquired: 11/17/2017 17:51:15      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB077      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0036727 | -.003327 | .0014419 | .0008586 | .0006801 | .0025023 | -.000384 |
| Stddev | .0010035 | .001601  | .0008383 | .0029933 | .0006639 | .0023882 | .000173  |
| %RSD   | 27.32189 | 48.11281 | 58.13941 | 348.6350 | 97.62101 | 95.43920 | 45.22581 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0048007 | -.001604 | .0015279 | .0032452 | .0014313 | .0027558 | -.000575 |
| #2 | .0033383 | -.003610 | .0005639 | -.002500 | .0001719 | -.000002 | -.000238 |
| #3 | .0028792 | -.004767 | .0022340 | .001830  | .0004371 | .004754  | -.000337 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000361 | .0000149 | .0074576 | .0002666 | .0000153 | .0012743 | .0159464 |
| Stddev | .0000218 | .0000543 | .0046307 | .0003691 | .0001489 | .0014086 | .0054522 |
| %RSD   | 60.41536 | 363.6810 | 62.09329 | 138.4352 | 974.0089 | 110.5347 | 34.19044 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000183 | -.000047 | .0022931 | -.000159 | .0001550 | .0007350 | .0215400 |
| #2 | .0000296 | .000053  | .0088401 | .000499  | -.000141 | .0002151 | .0156516 |
| #3 | .0000604 | .000039  | .0112396 | .000460  | .000032  | .0028729 | .0106476 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000360 | .0116349 | -.000257 | .0001529 | -.190732 | -.000009 | .0005521 |
| Stddev | .000339  | .0026652 | .000316  | .0003539 | .064362  | .001480  | .0016769 |
| %RSD   | 94.14328 | 22.90669 | 122.9257 | 231.4330 | 33.74496 | 15863.69 | 303.7585 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000740 | .0089820 | .000093  | .0002448 | -.116544 | .001656  | -.001362 |
| #2 | -.000087 | .0143122 | -.000522 | -.000238 | -.223998 | -.001176 | .001257  |
| #3 | -.000254 | .0116105 | -.000344 | .000452  | -.231654 | -.000508 | .001762  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.064327 | .0004251 | .0022759 | .0009151 | -.000214 | -.010750 | -.000216 |
| Stddev | .027340  | .0008386 | .0007298 | .0002433 | .006242  | .000877  | .000818  |
| %RSD   | 42.50176 | 197.2793 | 32.06379 | 26.58739 | 2920.765 | 8.158990 | 379.0785 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.087362 | -.000040 | .0030835 | .0010500 | -.001834 | -.011664 | -.000615 |
| #2 | -.071505 | -.000078 | .0020805 | .0010611 | .006679  | -.009915 | .000725  |
| #3 | -.034114 | .001393  | .0016638 | .0006343 | -.005486 | -.010670 | -.000757 |

Sample Name: CCB077      Acquired: 11/17/2017 17:51:15      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: CCB077      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.000192 | .0009450 | .0000238 |
| Stddev | .000373  | .0006183 | .0000178 |
| %RSD   | 193.9023 | 65.43520 | 74.75612 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.000563 | .0006360 | .0000407 |
| #2 | .000183  | .0016569 | .0000052 |
| #3 | -.000198 | .0005420 | .0000256 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1590.320 | 3148.618 | 44439.63 | 7305.196 | 4493.918 |
| Stddev    | 5.560    | 1.766    | 102.34   | 6.488    | 6.174    |
| %RSD      | .3496197 | .0560958 | .2302827 | .0888195 | .1373928 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1583.974 | 3148.920 | 44368.92 | 7310.286 | 4500.324 |
| #2 | 1594.336 | 3150.213 | 44393.00 | 7297.890 | 4493.427 |
| #3 | 1592.650 | 3146.720 | 44556.98 | 7307.412 | 4488.005 |

Sample Name: I6515-18      Acquired: 11/17/2017 17:55:24      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MC0AB6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0337035 | .0156123 | .1671154 | -.004615 | .0044291 | 56.72959 | .7247775 |
| Stddev | .0023719 | .0027625 | .0008789 | .001394  | .0001902 | .08086   | .0001435 |
| %RSD   | 7.037483 | 17.69429 | .5259006 | 30.20852 | 4.295470 | .1425353 | .0197974 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0363475 | .0168706 | .1664140 | -.003242 | .0043817 | 56.77957 | .7249384 |
| #2 | .0317628 | .0124447 | .1668310 | -.004576 | .0042670 | 56.63630 | .7247315 |
| #3 | .0330003 | .0175216 | .1681013 | -.006029 | .0046385 | 56.77289 | .7246627 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0080036 | .0022882 | 13.76672 | .0785123 | .1151606 | .1014660 | 163.2942 |
| Stddev | .0000730 | .0001117 | .00835   | .0006355 | .0002396 | .0025155 | .1474    |
| %RSD   | .9117665 | 4.880093 | .0606473 | .8094686 | .2080302 | 2.479133 | .0902438 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0080876 | .0021870 | 13.76130 | .0779654 | .1149325 | .1026343 | 163.4634 |
| #2 | .0079558 | .0022696 | 13.76252 | .0783619 | .1151391 | .1031849 | 163.2251 |
| #3 | .0079675 | .0024080 | 13.77633 | .0792095 | .1154102 | .0985788 | 163.1942 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.922308 | 13.21164 | .1595081 | .0013439 | .7028838 | .1264305 | .5831835 |
| Stddev | .011462  | .00181   | .0002125 | .0004491 | .1325740 | .0021461 | .0068395 |
| %RSD   | .1655785 | .0137109 | .1332087 | 33.42196 | 18.86144 | 1.697444 | 1.172784 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.934471 | 13.21257 | .1597391 | .0011637 | .8452149 | .1262000 | .5752952 |
| #2 | 6.911708 | 13.21281 | .1594640 | .0010128 | .6805268 | .1244089 | .5867968 |
| #3 | 6.920744 | 13.20956 | .1593210 | .0018551 | .5829098 | .1286825 | .5874585 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.791591 | 3.779770 | -.411405 | .0035451 | 2.309448 | 8.244273 | .0116514 |
| Stddev | .021208  | .080784  | .001890  | .0003322 | .037769  | .015440  | .0007775 |
| %RSD   | .3122681 | 2.137260 | .4595036 | 9.370562 | 1.635432 | .1872795 | 6.673148 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.767120 | 3.768231 | -.412788 | .0039077 | 2.289826 | 8.228929 | .0114346 |
| #2 | 6.804632 | 3.705377 | -.409251 | .0034718 | 2.285528 | 8.259807 | .0110053 |
| #3 | 6.803021 | 3.865703 | -.412176 | .0032556 | 2.352989 | 8.244083 | .0125143 |

Sample Name: I6515-18      Acquired: 11/17/2017 17:55:24      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MC0AB6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .3429593 | .1071619 | .0612122 |
| Stddev | .0040930 | .0005506 | .0003476 |
| %RSD   | 1.193425 | .5138440 | .5678528 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .3385444 | .1065445 | .0610302 |
| #2 | .3437062 | .1076023 | .0616130 |
| #3 | .3466274 | .1073390 | .0609933 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1547.776 | 3103.578 | 44282.11 | 7653.872 | 3929.831 |
| Stddev    | 7.333    | 10.831   | 96.72    | 17.988   | 5.564    |
| %RSD      | .4737900 | .3489856 | .2184224 | .2350131 | .1415786 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1546.548 | 3091.121 | 44231.32 | 7633.568 | 3924.071 |
| #2 | 1541.134 | 3110.769 | 44221.37 | 7660.234 | 3935.175 |
| #3 | 1555.645 | 3108.845 | 44393.65 | 7667.814 | 3930.247 |

Sample Name: I6515-19      Acquired: 11/17/2017 17:59:27      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MC0AB7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0318865 | .0109458 | .1433022 | -.004364 | .0027575 | 48.21770 | .7411132 |
| Stddev | .0005161 | .0020100 | .0014549 | .000737  | .0010201 | .16707   | .0020150 |
| %RSD   | 1.618629 | 18.36305 | 1.015264 | 16.89245 | 36.99316 | .3464951 | .2718900 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0313162 | .0125830 | .1416766 | -.004610 | .0037717 | 48.34448 | .7433080 |
| #2 | .0320219 | .0087025 | .1437476 | -.004946 | .0017316 | 48.28023 | .7406848 |
| #3 | .0323214 | .0115518 | .1444823 | -.003535 | .0027692 | 48.02838 | .7393469 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0066736 | .0026968 | 20.55029 | .0661487 | .0913272 | .0951793 | 136.6655 |
| Stddev | .0000604 | .0001274 | .07926   | .0004657 | .0005974 | .0016447 | .6825    |
| %RSD   | .9054549 | 4.724255 | .3856975 | .7039963 | .6541331 | 1.728044 | .4994216 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0066452 | .0025737 | 20.50979 | .0661366 | .0911513 | .0967909 | 136.6917 |
| #2 | .0067430 | .0028281 | 20.64162 | .0656891 | .0908376 | .0935033 | 137.3346 |
| #3 | .0066325 | .0026885 | 20.49947 | .0666203 | .0919929 | .0952437 | 135.9703 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.990785 | 11.71303 | .1325203 | .0010884 | .5277751 | .1048370 | .5188022 |
| Stddev | .034261  | .10017   | .0012267 | .0001904 | .0355680 | .0013264 | .0085101 |
| %RSD   | .5718896 | .8551606 | .9256878 | 17.49613 | 6.739223 | 1.265231 | 1.640344 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.985746 | 11.68607 | .1311060 | .0011164 | .5112303 | .1052558 | .5221723 |
| #2 | 6.027287 | 11.82392 | .1331602 | .0012634 | .5034933 | .1059034 | .5251112 |
| #3 | 5.959324 | 11.62910 | .1332948 | .0008856 | .5686018 | .1033517 | .5091231 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.557902 | 3.820929 | -.338403 | .0025592 | 2.291793 | 7.894057 | .0094795 |
| Stddev | .035703  | .028618  | .003640  | .0001019 | .014525  | .012854  | .0014016 |
| %RSD   | .5444312 | .7489836 | 1.075495 | 3.982934 | .6337933 | .1628275 | 14.78524 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.580814 | 3.852688 | -.339572 | .0024729 | 2.308471 | 7.903389 | .0104735 |
| #2 | 6.576129 | 3.797141 | -.341315 | .0026717 | 2.281918 | 7.879396 | .0100886 |
| #3 | 6.516765 | 3.812960 | -.334323 | .0025330 | 2.284990 | 7.899386 | .0078764 |

Sample Name: I6515-19      Acquired: 11/17/2017 17:59:27      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MC0AB7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .3353747 | .0849567 | .1022402 |
| Stddev | .0106248 | .0010547 | .0005734 |
| %RSD   | 3.168048 | 1.241488 | .5608405 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .3476345 | .0855857 | .1028973 |
| #2 | .3288439 | .0855453 | .1018412 |
| #3 | .3296458 | .0837390 | .1019821 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1558.731 | 3123.667 | 44516.13 | 7603.324 | 3984.430 |
| Stddev    | 5.195    | 2.740    | 85.37    | 46.210   | 2.801    |
| %RSD      | .3333124 | .0877016 | .1917783 | .6077546 | .0703051 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1556.443 | 3122.347 | 44441.18 | 7581.883 | 3983.487 |
| #2 | 1555.073 | 3126.816 | 44498.16 | 7571.729 | 3987.581 |
| #3 | 1564.678 | 3121.837 | 44609.06 | 7656.359 | 3982.221 |

Sample Name: I6515-20      Acquired: 11/17/2017 18:03:29      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MC0AB8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0278748 | .0145191 | .1437014 | -.003951 | .0030183 | 46.31950 | .6791994 |
| Stddev | .0031250 | .0010433 | .0014849 | .000944  | .0025423 | .24834   | .0020057 |
| %RSD   | 11.21086 | 7.185411 | 1.033338 | 23.89605 | 84.23095 | .5361517 | .2953090 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0246411 | .0153680 | .1419876 | -.004524 | .0058938 | 46.51823 | .6805340 |
| #2 | .0308783 | .0148349 | .1445106 | -.004469 | .0010685 | 46.39917 | .6801714 |
| #3 | .0281049 | .0133545 | .1446059 | -.002862 | .0020926 | 46.04110 | .6768929 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0064797 | .0014706 | 12.67913 | .0653821 | .0892917 | .0852017 | 139.4746 |
| Stddev | .0001316 | .0000555 | .05820   | .0007658 | .0003092 | .0012475 | .7532    |
| %RSD   | 2.030180 | 3.776252 | .4590030 | 1.171254 | .3463151 | 1.464155 | .5400588 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0063379 | .0014101 | 12.73780 | .0655221 | .0893091 | .0864826 | 140.0846 |
| #2 | .0065036 | .0014823 | 12.67818 | .0645560 | .0889742 | .0851319 | 139.7066 |
| #3 | .0065977 | .0015193 | 12.62142 | .0660683 | .0895919 | .0839905 | 138.6327 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.462816 | 11.10122 | .1227573 | .0007952 | .4882103 | .1042353 | .4903331 |
| Stddev | .021818  | .07232   | .0004204 | .0002115 | .0656307 | .0002392 | .0051505 |
| %RSD   | .3993897 | .6514250 | .3424770 | 26.59327 | 13.44313 | .2295296 | 1.050401 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.478665 | 11.17079 | .1230804 | .0005547 | .4469153 | .1040649 | .4863222 |
| #2 | 5.471851 | 11.10644 | .1229096 | .0008787 | .5638890 | .1041321 | .4961414 |
| #3 | 5.437932 | 11.02644 | .1222820 | .0009521 | .4538266 | .1045088 | .4885357 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.861987 | 4.345417 | -.351760 | .0022263 | 1.686536 | 5.264446 | .0102514 |
| Stddev | .027721  | .035341  | .001956  | .0003604 | .005371  | .030485  | .0017731 |
| %RSD   | .4728964 | .8132965 | .5560632 | 16.19007 | .3184559 | .5790819 | 17.29576 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.873322 | 4.360491 | -.353858 | .0018675 | 1.689920 | 5.248479 | .0092062 |
| #2 | 5.882245 | 4.370721 | -.351436 | .0022231 | 1.680344 | 5.245260 | .0092494 |
| #3 | 5.830395 | 4.305038 | -.349987 | .0025884 | 1.689346 | 5.299599 | .0122986 |

Sample Name: I6515-20      Acquired: 11/17/2017 18:03:29      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MC0AB8      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .2749046 | .0826515 | .0621278 |
| Stddev | .0041021 | .0006687 | .0004963 |
| %RSD   | 1.492189 | .8090923 | .7988943 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .2705548 | .0832478 | .0623593 |
| #2 | .2787033 | .0827782 | .0624661 |
| #3 | .2754556 | .0819285 | .0615580 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1568.138 | 3123.532 | 44406.55 | 7610.396 | 4030.310 |
| Stddev    | 4.565    | 10.417   | 81.63    | 45.812   | 8.008    |
| %RSD      | .2910790 | .3335013 | .1838232 | .6019646 | .1986911 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1570.834 | 3112.112 | 44326.21 | 7560.350 | 4021.621 |
| #2 | 1562.867 | 3125.973 | 44404.03 | 7620.577 | 4037.393 |
| #3 | 1570.711 | 3132.512 | 44489.41 | 7650.261 | 4031.917 |

Sample Name: PB104379BL      Acquired: 11/17/2017 18:07:31      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      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    | .0020512 | -.002548 | .0011968 | .0001952 | -.000444 | .0030103 | -.000765 |
| Stddev | .0015840 | .000622  | .0015028 | .0019699 | .001695  | .0027727 | .000055  |
| %RSD   | 77.21890 | 24.42666 | 125.5653 | 1009.035 | 381.8365 | 92.10719 | 7.232698 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0036468 | -.001829 | .0027921 | -.001771 | -.001819 | .0035481 | -.000706 |
| #2 | .0004791 | -.002914 | .0009904 | .000189  | -.000962 | .0054747 | -.000774 |
| #3 | .0020278 | -.002901 | -.000192 | .002168  | .001450  | .0000081 | -.000816 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000129 | .0000342 | .0012534 | -.000513 | .0001496 | .0012430 | .0034758 |
| Stddev | .0000581 | .0000943 | .0025618 | .000143  | .0001893 | .0005423 | .0037476 |
| %RSD   | 451.0193 | 275.5495 | 204.3850 | 27.87349 | 126.5627 | 43.62491 | 107.8176 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000734 | -.000047 | -.001688 | -.000501 | -.000005 | .0017078 | .0002112 |
| #2 | .0000076 | .000012  | .002449  | -.000376 | .000093  | .0006473 | .0075680 |
| #3 | -.000042 | .000138  | .002999  | -.000661 | .000361  | .0013741 | .0026483 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000172 | -.001214 | -.000110 | .0000908 | -.266312 | -.000227 | -.002526 |
| Stddev | .000286  | .026086  | .000099  | .0003048 | .066364  | .001464  | .001837  |
| %RSD   | 166.8577 | 2147.914 | 89.45251 | 335.4831 | 24.91986 | 644.2928 | 72.71622 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .000019  | .025879  | -.000041 | -.000179 | -.216400 | -.001895 | -.002027 |
| #2 | -.000033 | -.003363 | -.000224 | .000030  | -.240910 | .000844  | -.004561 |
| #3 | -.000501 | -.026160 | -.000066 | .000422  | -.341625 | .000369  | -.000990 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.109470 | -.000644 | -.003084 | -.000165 | -.001355 | -.009770 | .0001108 |
| Stddev | .011282  | .000950  | .001093  | .000215  | .005298  | .001095  | .0003345 |
| %RSD   | 10.30559 | 147.4728 | 35.44423 | 130.8771 | 390.8536 | 11.21296 | 301.9178 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.122412 | -.000511 | -.003979 | .000033  | -.007275 | -.008998 | -.000268 |
| #2 | -.101713 | .000232  | -.003406 | -.000394 | .000268  | -.011024 | .000367  |
| #3 | -.104285 | -.001655 | -.001866 | -.000132 | .002940  | -.009287 | .000234  |

Sample Name: PB104379BL      Acquired: 11/17/2017 18:07:31      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      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    | .0000789 | -.002817 | -.000035 |
| Stddev | .0005736 | .000655  | .000032  |
| %RSD   | 726.7263 | 23.24321 | 90.82690 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.000515 | -.003283 | -.000068 |
| #2 | .000629  | -.002069 | -.000004 |
| #3 | .000123  | -.003099 | -.000033 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1563.506 | 3106.091 | 43722.49 | 7161.629 | 4428.074 |
| Stddev    | 6.486    | .679     | 72.12    | 47.261   | 6.674    |
| %RSD      | .4148539 | .0218457 | .1649605 | .6599158 | .1507176 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1562.727 | 3106.189 | 43790.39 | 7174.767 | 4424.976 |
| #2 | 1557.444 | 3106.716 | 43646.78 | 7200.930 | 4435.734 |
| #3 | 1570.346 | 3105.369 | 43730.31 | 7109.189 | 4423.513 |

Sample Name: PB104379BS      Acquired: 11/17/2017 18:11:41      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      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    | .0240712 | .0588693 | .0217700 | .0768709 | .1233669 | .3810197 |
| Stddev | .0034572 | .0009002 | .0007914 | .0028021 | .0010559 | .0025848 |
| %RSD   | 14.36222 | 1.529105 | 3.635205 | 3.645225 | .8558615 | .6783789 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0248775 | .0591350 | .0221695 | .0741888 | .1222112 | .3786101 |
| #2 | .0202821 | .0578662 | .0222819 | .0766446 | .1236083 | .3837497 |
| #3 | .0270540 | .0596068 | .0208585 | .0797793 | .1242811 | .3806994 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4130238 | .0112292 | .0108669 | 10.25011 | .0240938 | .1044345 |
| Stddev | .0004858 | .0000933 | .0001087 | .01180   | .0004773 | .0006023 |
| %RSD   | .1176181 | .8309150 | 1.000460 | .1151521 | 1.981135 | .5766961 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4125264 | .0112756 | .0109142 | 10.24042 | .0236960 | .1041335 |
| #2 | .4130478 | .0111218 | .0107426 | 10.24666 | .0239623 | .1040421 |
| #3 | .4134971 | .0112902 | .0109440 | 10.26326 | .0246231 | .1051280 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | .0511167 | .2280198 | .0327695 | 9.815595 | .0858396 | F .0260905 |
| Stddev | .0019373 | .0062622 | .0007278 | .052653  | .0001622 | .0001875   |
| %RSD   | 3.789961 | 2.746361 | 2.220977 | .5364177 | .1889088 | .7185512   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0489487 | .2258772 | .0330079 | 9.757285 | .0859373 | .0259316 |
| #2 | .0517234 | .2231101 | .0319523 | 9.829845 | .0856525 | .0262973 |
| #3 | .0526781 | .2350721 | .0333481 | 9.859657 | .0859291 | .0260428 |

|        |          |          |          |          |            |            |
|--------|----------|----------|----------|----------|------------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm        |
| Avg    | 9.553712 | .1067415 | .1148867 | 9.011145 | F .0278109 | F .0207536 |
| Stddev | .120385  | .0003500 | .0034869 | .041201  | .0015972   | .0003850   |
| %RSD   | 1.260087 | .3279322 | 3.035053 | .4572229 | 5.743178   | 1.854852   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.459243 | .1068886 | .1143662 | 8.963624 | .0259723 | .0203900 |
| #2 | 9.512634 | .1063419 | .1186046 | 9.036880 | .0288557 | .0207139 |
| #3 | 9.689260 | .1069940 | .1116894 | 9.032929 | .0286048 | .0211568 |

Sample Name: PB104379BS      Acquired: 11/17/2017 18:11:41      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      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    | .0226829 | .1993960 | .2044295 | F .0152400 | .2005346 | .0970696 |
| Stddev | .0005288 | .0048604 | .0007389 | .0005171   | .0012344 | .0003794 |
| %RSD   | 2.331265 | 2.437537 | .3614660 | 3.392698   | .6155551 | .3908973 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0230475 | .2049575 | .2040581 | .0158191 | .1993635 | .0975036 |
| #2 | .0229247 | .1972675 | .2039498 | .0150763 | .2004164 | .0968007 |
| #3 | .0220764 | .1959631 | .2052804 | .0148246 | .2018238 | .0969046 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .1997962 |
| Stddev | .0005358 |
| %RSD   | .2681603 |

|    |          |
|----|----------|
| #1 | .1991790 |
| #2 | .2000679 |
| #3 | .2001417 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1548.820 | 3049.990 | 42842.48 | 7145.156 | 4218.933 |
| Stddev    | 12.414   | 5.961    | 106.72   | 23.594   | 11.037   |
| %RSD      | .8014903 | .1954492 | .2490931 | .3302134 | .2616071 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1561.652 | 3054.193 | 42947.40 | 7169.724 | 4216.530 |
| #2 | 1536.872 | 3052.610 | 42734.05 | 7143.069 | 4230.974 |
| #3 | 1547.935 | 3043.168 | 42845.98 | 7122.675 | 4209.296 |

Sample Name: I6516-04      Acquired: 11/17/2017 18:15:48      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MC0AC0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0446165 | .0212676 | .0549760 | -.010667 | .0041135 | 54.15532 | 1.078938 |
| Stddev | .0017224 | .0018983 | .0013896 | .003393  | .0007529 | .15103   | .002049  |
| %RSD   | 3.860529 | 8.925742 | 2.527563 | 31.80680 | 18.30325 | .2788762 | .1899281 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0443811 | .0199069 | .0536391 | -.014063 | .0048151 | 54.32934 | 1.081009 |
| #2 | .0430239 | .0234362 | .0564128 | -.010661 | .0042075 | 54.07828 | 1.078893 |
| #3 | .0464446 | .0204597 | .0548761 | -.007278 | .0033181 | 54.05836 | 1.076911 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0058410 | -.001603 | 6.245883 | .1171708 | .0821207 | .1546178 | 209.3499 |
| Stddev | .0001669 | .000051  | .020172  | .0020143 | .0012551 | .0008112 | .7379    |
| %RSD   | 2.856686 | 3.169829 | .3229649 | 1.719122 | 1.528346 | .5246239 | .3524939 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0057065 | -.001661 | 6.246442 | .1194301 | .0810501 | .1555483 | 210.0314 |
| #2 | .0057887 | -.001566 | 6.265769 | .1155627 | .0835020 | .1542451 | 209.4519 |
| #3 | .0060277 | -.001582 | 6.225437 | .1165195 | .0818100 | .1540600 | 208.5662 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.252689 | 12.67328 | .1437280 | .0007456 | .9578638 | .1157718 | .3004080 |
| Stddev | .007224  | .02504   | .0023431 | .0002285 | .1081993 | .0039005 | .0015399 |
| %RSD   | .3206958 | .1975916 | 1.630215 | 30.65130 | 11.29590 | 3.369116 | .5125989 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.260832 | 12.68833 | .1414860 | .0008250 | 1.072279 | .1201806 | .3018644 |
| #2 | 2.250183 | 12.64437 | .1461605 | .0004880 | .944118  | .1127700 | .3005632 |
| #3 | 2.247051 | 12.68714 | .1435376 | .0009239 | .857194  | .1143648 | .2987964 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.758801 | 2.180183 | -.532827 | .0229399 | .9199924 | 11.36287 | .0121557 |
| Stddev | .017304  | .042002  | .002908  | .0005511 | .0148214 | .07645   | .0004403 |
| %RSD   | .2560216 | 1.926524 | .5458150 | 2.402201 | 1.611032 | .6728314 | 3.622419 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.740558 | 2.149538 | -.530731 | .0227953 | .9077598 | 11.38378 | .0126622 |
| #2 | 6.760863 | 2.228060 | -.531604 | .0235488 | .9364743 | 11.27813 | .0118638 |
| #3 | 6.774981 | 2.162951 | -.536148 | .0224755 | .9157430 | 11.42669 | .0119410 |

Sample Name: I6516-04      Acquired: 11/17/2017 18:15:48      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MC0AC0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .3230518 | .1109830 | .0314993 |
| Stddev | .0216695 | .0008539 | .0007686 |
| %RSD   | 6.707741 | .7694136 | 2.440153 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .3216357 | .1114041 | .0323480 |
| #2 | .3021251 | .1115445 | .0312996 |
| #3 | .3453946 | .1100003 | .0308502 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1563.918 | 3052.343 | 43951.06 | 7523.512 | 3896.366 |
| Stddev    | 7.638    | 22.472   | 257.61   | 20.752   | 36.143   |
| %RSD      | .4883610 | .7362093 | .5861238 | .2758321 | .9275974 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1556.243 | 3064.468 | 43657.43 | 7533.894 | 3922.540 |
| #2 | 1571.518 | 3026.413 | 44056.71 | 7537.025 | 3855.128 |
| #3 | 1563.993 | 3066.148 | 44139.05 | 7499.618 | 3911.430 |

Sample Name: I6516-06      Acquired: 11/17/2017 18:23:55      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MC0AC0S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1194248 | .1514066 | .0920228 | .0796188 | .1859656 | 58.91150 | 5.154909 |
| Stddev | .0039775 | .0028157 | .0005227 | .0034576 | .0011584 | .14296   | .005714  |
| %RSD   | 3.330520 | 1.859686 | .5679965 | 4.342726 | .6229282 | .2426620 | .1108398 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1213166 | .1513080 | .0914774 | .0760245 | .1848718 | 58.76704 | 5.152421 |
| #2 | .1148545 | .1486415 | .0920718 | .0829212 | .1858458 | 59.05291 | 5.161445 |
| #3 | .1221033 | .1542703 | .0925193 | .0799108 | .1871793 | 58.91455 | 5.150861 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0954796 | .0969755 | 6.853239 | .5322349 | 1.082846 | .5868581 | 219.9644 |
| Stddev | .0005272 | .0005695 | .037178  | .0019747 | .003187  | .0034600 | .5048    |
| %RSD   | .5521625 | .5872939 | .5424848 | .3710303 | .2943482 | .5895827 | .2294949 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0952391 | .0966412 | 6.812588 | .5324019 | 1.081523 | .5885612 | 219.4153 |
| #2 | .0951155 | .0966522 | 6.861614 | .5301819 | 1.080533 | .5891364 | 220.4083 |
| #3 | .0960841 | .0976331 | 6.885515 | .5341208 | 1.086482 | .5828766 | 220.0698 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.921388 | 13.10576 | 1.141678 | .1043848 | .8837372 | 1.081342 | 1.195908 |
| Stddev | .006313  | .05583   | .003441  | .0002635 | .0517396 | .007254  | .009991  |
| %RSD   | .1609992 | .4259991 | .3014152 | .2524180 | 5.854635 | .6708447 | .8354167 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.916342 | 13.11920 | 1.139629 | .1045254 | .8744922 | 1.072984 | 1.199127 |
| #2 | 3.928468 | 13.15364 | 1.139754 | .1040808 | .9394760 | 1.085048 | 1.203893 |
| #3 | 3.919354 | 13.04443 | 1.145651 | .1045482 | .8372433 | 1.085995 | 1.184705 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.010759 | 2.259546 | -.557938 | .0262136 | .8557972 | 11.26022 | .0109679 |
| Stddev | .084212  | .021839  | .000798  | .0000863 | .0105224 | .03483   | .0013486 |
| %RSD   | 1.201186 | .9665151 | .1430493 | .3292772 | 1.229538 | .3093088 | 12.29537 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.022642 | 2.281576 | -.557016 | .0261454 | .8439033 | 11.26963 | .0100407 |
| #2 | 7.088399 | 2.237904 | -.558400 | .0261848 | .8638936 | 11.22166 | .0125150 |
| #3 | 6.921237 | 2.259158 | -.558398 | .0263106 | .8595948 | 11.28938 | .0103481 |

Sample Name: I6516-06      Acquired: 11/17/2017 18:23:55      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MC0AC0S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .3103698 | .1126979 | .0340546 |
| Stddev | .0104149 | .0006344 | .0000769 |
| %RSD   | 3.355625 | .5629083 | .2256977 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .3040946 | .1133814 | .0339841 |
| #2 | .3223919 | .1125844 | .0341365 |
| #3 | .3046228 | .1121280 | .0340431 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1571.615 | 3137.003 | 44319.77 | 7580.727 | 3980.557 |
| Stddev    | 11.950   | 3.738    | 3.97     | 8.004    | 8.307    |
| %RSD      | .7603723 | .1191542 | .0089594 | .1055872 | .2087013 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1569.752 | 3133.519 | 44321.80 | 7586.661 | 3978.700 |
| #2 | 1560.706 | 3136.539 | 44322.32 | 7583.897 | 3989.636 |
| #3 | 1584.387 | 3140.951 | 44315.20 | 7571.623 | 3973.335 |

Sample Name: I6516-04LX5      Acquired: 11/17/2017 18:27:54      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MC0AC0L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0233313 | .0129372 | .0291815 | .0082809 | .0137993 | 12.04871 | .3203558 |
| Stddev | .0031809 | .0006325 | .0008959 | .0020732 | .0012006 | .02515   | .0007458 |
| %RSD   | 13.63345 | 4.888738 | 3.070235 | 25.03649 | 8.700616 | .2087358 | .2327929 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0225213 | .0124138 | .0282164 | .0104171 | .0136006 | 12.03395 | .3211282 |
| #2 | .0206338 | .0136400 | .0299867 | .0081485 | .0127105 | 12.03443 | .3202995 |
| #3 | .0268389 | .0127578 | .0293414 | .0062770 | .0150869 | 12.07775 | .3196399 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0022527 | .0066421 | 1.733299 | .0338116 | .0253523 | .0409688 | 48.32862 |
| Stddev | .0000195 | .0000423 | .011496  | .0003331 | .0001881 | .0001950 | .05432   |
| %RSD   | .8663602 | .6369705 | .6632669 | .9850529 | .7418488 | .4759904 | .1123895 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0022402 | .0066908 | 1.725858 | .0336060 | .0255695 | .0411438 | 48.28218 |
| #2 | .0022752 | .0066153 | 1.727499 | .0341958 | .0252414 | .0407586 | 48.31533 |
| #3 | .0022427 | .0066200 | 1.746540 | .0336329 | .0252461 | .0410040 | 48.38835 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6590395 | 2.985916 | .1119976 | .0015168 | .2391478 | .0338093 | .4058045 |
| Stddev | .0018880 | .009899  | .0003714 | .0000938 | .1118035 | .0011894 | .0021274 |
| %RSD   | .2864749 | .3315173 | .3316409 | 6.184370 | 46.75078 | 3.517910 | .5242434 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .6575124 | 2.978155 | .1115687 | .0015321 | .1581167 | .0329144 | .4041381 |
| #2 | .6584557 | 2.997064 | .1122140 | .0016021 | .3667006 | .0351590 | .4082008 |
| #3 | .6611505 | 2.982529 | .1122101 | .0014164 | .1926261 | .0333546 | .4050747 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.502290 | .4692375 | -.125232 | .0089714 | .2081647 | 2.491533 | .0070402 |
| Stddev | .006984  | .0019864 | .001574  | .0003207 | .0021546 | .018184  | .0006951 |
| %RSD   | .4648882 | .4233322 | 1.257164 | 3.574957 | 1.035063 | .7298333 | 9.873022 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.508418 | .4692606 | -.124970 | .0090962 | .2105445 | 2.508010 | .0062893 |
| #2 | 1.494686 | .4672396 | -.123804 | .0086070 | .2076034 | 2.472023 | .0071701 |
| #3 | 1.503767 | .4712123 | -.126920 | .0092109 | .2063463 | 2.494565 | .0076611 |

Sample Name: I6516-04LX5      Acquired: 11/17/2017 18:27:54      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MC0AC0L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0708939 | .0245578 | .0104366 |
| Stddev | .0046448 | .0011623 | .0001174 |
| %RSD   | 6.551779 | 4.732805 | 1.124795 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0663099 | .0247224 | .0105493 |
| #2 | .0755972 | .0233219 | .0103150 |
| #3 | .0707746 | .0256289 | .0104454 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1578.266 | 3142.367 | 44147.98 | 7364.297 | 4294.269 |
| Stddev    | 9.778    | 5.566    | 164.35   | 42.938   | 7.505    |
| %RSD      | .6195576 | .1771133 | .3722616 | .5830540 | .1747625 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1583.832 | 3148.770 | 44007.54 | 7408.047 | 4299.678 |
| #2 | 1566.976 | 3139.635 | 44107.68 | 7362.626 | 4297.427 |
| #3 | 1583.991 | 3138.695 | 44328.73 | 7322.220 | 4285.701 |

Sample Name: I6516-07      Acquired: 11/17/2017 18:31:59      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MC0AC1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0202261 | .0144964 | .0781531 | -.006748 | .0039735 | 46.27839 | .5922629 |
| Stddev | .0024642 | .0011696 | .0013697 | .000572  | .0015283 | .17012   | .0018189 |
| %RSD   | 12.18337 | 8.068027 | 1.752553 | 8.471169 | 38.46311 | .3675969 | .3071170 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0194323 | .0132381 | .0785491 | -.006571 | .0022091 | 46.25899 | .5914734 |
| #2 | .0229894 | .0155503 | .0766290 | -.006285 | .0048865 | 46.11881 | .5909722 |
| #3 | .0182566 | .0147009 | .0792811 | -.007387 | .0048248 | 46.45738 | .5943433 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0060542 | -.000710 | 6.267103 | .0725186 | .0791955 | .0603330 | 145.4783 |
| Stddev | .0001313 | .000030  | .022867  | .0002616 | .0003568 | .0019650 | .3922    |
| %RSD   | 2.168620 | 4.186241 | .3648812 | .3606960 | .4505130 | 3.256977 | .2696251 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0060245 | -.000741 | 6.250866 | .0727418 | .0787882 | .0621928 | 145.4689 |
| #2 | .0061978 | -.000682 | 6.257190 | .0722307 | .0794525 | .0582774 | 145.0908 |
| #3 | .0059403 | -.000708 | 6.293255 | .0725832 | .0793459 | .0605287 | 145.8751 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.052639 | 9.978852 | .1073813 | .0001992 | .5426399 | .1011693 | .3502707 |
| Stddev | .009818  | .025364  | .0002376 | .0000979 | .1266775 | .0025752 | .0076472 |
| %RSD   | .2422523 | .2541765 | .2212697 | 49.16992 | 23.34468 | 2.545402 | 2.183235 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.044719 | 9.975035 | .1074580 | .0002976 | .6287395 | .1034109 | .3443091 |
| #2 | 4.049574 | 9.955613 | .1071148 | .0001017 | .3971824 | .0983565 | .3588928 |
| #3 | 4.063623 | 10.00591 | .1075711 | .0001983 | .6019978 | .1017403 | .3476103 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.865721 | 1.776746 | -.368441 | .0032921 | 4.706650 | 8.114628 | .0061921 |
| Stddev | .048467  | .006907  | .001292  | .0002832 | .014608  | .098595  | .0015427 |
| %RSD   | .9961009 | .3887233 | .3507217 | 8.601958 | .3103699 | 1.215031 | 24.91403 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.850437 | 1.781774 | -.369797 | .0030454 | 4.691727 | 8.170430 | .0044889 |
| #2 | 4.826738 | 1.768871 | -.368303 | .0036013 | 4.707302 | 8.000787 | .0074957 |
| #3 | 4.919988 | 1.779592 | -.367223 | .0032295 | 4.720921 | 8.172667 | .0065917 |

Sample Name: I6516-07      Acquired: 11/17/2017 18:31:59      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MC0AC1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .3526218 | .0705484 | .0302739 |
| Stddev | .0082249 | .0006286 | .0008719 |
| %RSD   | 2.332491 | .8910491 | 2.880072 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .3613763 | .0709464 | .0312786 |
| #2 | .3450560 | .0698237 | .0297156 |
| #3 | .3514330 | .0708752 | .0298274 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1581.014 | 3166.199 | 44343.58 | 7603.252 | 4057.496 |
| Stddev    | 6.184    | 6.051    | 58.21    | 15.030   | 1.777    |
| %RSD      | .3911383 | .1911073 | .1312788 | .1976729 | .0438018 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1578.856 | 3165.798 | 44286.09 | 7587.121 | 4055.653 |
| #2 | 1576.199 | 3160.359 | 44342.17 | 7605.776 | 4057.636 |
| #3 | 1587.988 | 3172.440 | 44402.49 | 7616.861 | 4059.199 |

Sample Name: I6516-08      Acquired: 11/17/2017 18:36:00      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MC0AC2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0152069 | .0088080 | .0573340 | -.004755 | .0030046 | 34.72387 | .3613862 |
| Stddev | .0011718 | .0014621 | .0005914 | .001964  | .0027175 | .07228   | .0013702 |
| %RSD   | 7.705504 | 16.59968 | 1.031521 | 41.30867 | 90.44282 | .2081696 | .3791602 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0160160 | .0091850 | .0567868 | -.005846 | -.000129 | 34.79234 | .3629446 |
| #2 | .0157416 | .0100447 | .0572536 | -.005931 | .004717  | 34.73099 | .3608438 |
| #3 | .0138632 | .0071943 | .0579614 | -.002487 | .004426  | 34.64829 | .3603703 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0042447 | -.000580 | 8.609165 | .0726036 | .0558867 | .0480221 | 106.4754 |
| Stddev | .0000645 | .000075  | .017883  | .0005239 | .0001216 | .0013383 | .2172    |
| %RSD   | 1.520023 | 12.90196 | .2077170 | .7216173 | .2176034 | 2.786743 | .2040365 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0041716 | -.000621 | 8.628989 | .0728574 | .0558535 | .0465600 | 106.6893 |
| #2 | .0042688 | -.000494 | 8.604259 | .0729522 | .0560214 | .0483202 | 106.2550 |
| #3 | .0042937 | -.000626 | 8.594248 | .0720011 | .0557851 | .0491862 | 106.4820 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.141581 | 10.53339 | .0835559 | -.000004 | .5770669 | .0816410 | .2427966 |
| Stddev | .007213  | .01908   | .0008647 | .000178  | .1319847 | .0004269 | .0056575 |
| %RSD   | .3368002 | .1811052 | 1.034869 | 4749.472 | 22.87164 | .5229143 | 2.330140 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.148704 | 10.51583 | .0839864 | .000109  | .7242772 | .0811667 | .2379095 |
| #2 | 2.141756 | 10.53065 | .0825604 | .000089  | .4693034 | .0817615 | .2489944 |
| #3 | 2.134282 | 10.55369 | .0841208 | -.000210 | .5376202 | .0819946 | .2414857 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.875792 | 1.389880 | -.264344 | .0070466 | 1.506467 | 7.992587 | .0065474 |
| Stddev | .035774  | .005236  | .002693  | .0002548 | .000353  | .133993  | .0006145 |
| %RSD   | .9230075 | .3766950 | 1.018860 | 3.616110 | .0234583 | 1.676464 | 9.384756 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.917016 | 1.387366 | -.265539 | .0073101 | 1.506744 | 7.885427 | .0058416 |
| #2 | 3.852901 | 1.395898 | -.261260 | .0068015 | 1.506069 | 7.949516 | .0068372 |
| #3 | 3.857458 | 1.386375 | -.266233 | .0070281 | 1.506589 | 8.142819 | .0069634 |

Sample Name: I6516-08      Acquired: 11/17/2017 18:36:00      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MC0AC2      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .2932044 | .0600110 | .0413909 |
| Stddev | .0065860 | .0008024 | .0003213 |
| %RSD   | 2.246210 | 1.337027 | .7763201 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .3005650 | .0608399 | .0417310 |
| #2 | .2878685 | .0592381 | .0410924 |
| #3 | .2911796 | .0599550 | .0413493 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1555.253 | 3113.470 | 43763.88 | 7486.764 | 4076.020 |
| Stddev    | 5.245    | 3.980    | 14.92    | 20.258   | 1.362    |
| %RSD      | .3372704 | .1278387 | .0340932 | .2705887 | .0334143 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1555.202 | 3108.919 | 43780.37 | 7471.003 | 4076.379 |
| #2 | 1550.033 | 3115.195 | 43751.31 | 7509.614 | 4074.515 |
| #3 | 1560.524 | 3116.298 | 43759.96 | 7479.675 | 4077.167 |

Sample Name: I6516-09      Acquired: 11/17/2017 18:40:02      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MC0AC3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0341991 | .0144260 | .1083284 | -.010507 | .0005034 | 63.63784 | .4639045 |
| Stddev | .0025394 | .0019984 | .0024932 | .002176  | .0019875 | .34234   | .0019781 |
| %RSD   | 7.425278 | 13.85268 | 2.301554 | 20.70991 | 394.8142 | .5379505 | .4263967 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0330232 | .0134154 | .1091067 | -.010353 | .0016031 | 63.29049 | .4618992 |
| #2 | .0324609 | .0131348 | .1103396 | -.012755 | -.001791 | 63.97494 | .4658542 |
| #3 | .0371133 | .0167278 | .1055388 | -.008411 | .001698  | 63.64807 | .4639600 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0064670 | -.001007 | 7.569484 | .0741981 | .1226395 | .1093648 | 150.8673 |
| Stddev | .0001390 | .000186  | .023198  | .0007290 | .0001981 | .0026060 | .7672    |
| %RSD   | 2.149884 | 18.49580 | .3064625 | .9824454 | .1615593 | 2.382836 | .5085521 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0063122 | -.001093 | 7.549495 | .0736415 | .1224639 | .1063575 | 150.1248 |
| #2 | .0065074 | -.001134 | 7.564036 | .0739294 | .1228543 | .1107777 | 151.6571 |
| #3 | .0065813 | -.000793 | 7.594920 | .0750232 | .1226004 | .1109592 | 150.8198 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6701459 | 14.77726 | .1760320 | .0003912 | 1.712181 | .0973357 | .5126895 |
| Stddev | .0036243 | .04431   | .0002880 | .0002892 | .077952  | .0012305 | .0041973 |
| %RSD   | .5408283 | .2998197 | .1636055 | 73.92812 | 4.552803 | 1.264157 | .8186927 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .6668565 | 14.73325 | .1760311 | .0007098 | 1.711158 | .0987543 | .5172101 |
| #2 | .6740312 | 14.82186 | .1763204 | .0003186 | 1.790640 | .0966949 | .5089156 |
| #3 | .6695499 | 14.77666 | .1757444 | .0001452 | 1.634746 | .0965578 | .5119428 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.045381 | 3.625848 | -.382213 | .0029990 | 19.25743 | 7.875508 | .4332623 |
| Stddev | .024971  | .026150  | .004155  | .0001270 | .09526   | .125139  | .0014797 |
| %RSD   | .4130508 | .7212175 | 1.087159 | 4.234906 | .4946572 | 1.588962 | .3415236 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.018030 | 3.613277 | -.377442 | .0030623 | 19.25218 | 7.745659 | .4341363 |
| #2 | 6.066960 | 3.655910 | -.384156 | .0030819 | 19.35520 | 7.995334 | .4315539 |
| #3 | 6.051153 | 3.608357 | -.385041 | .0028528 | 19.16490 | 7.885533 | .4340968 |

Sample Name: I6516-09      Acquired: 11/17/2017 18:40:02      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MC0AC3      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .3127110 | .1468897 | .0601226 |
| Stddev | .0059670 | .0018813 | .0002267 |
| %RSD   | 1.908138 | 1.280756 | .3769988 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .3146490 | .1464217 | .0599208 |
| #2 | .3174681 | .1489609 | .0603678 |
| #3 | .3060160 | .1452867 | .0600792 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1569.966 | 3115.913 | 44072.85 | 7437.260 | 4042.105 |
| Stddev    | 9.219    | 7.964    | 136.96   | 24.513   | 5.060    |
| %RSD      | .5872059 | .2555859 | .3107479 | .3295943 | .1251714 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1571.521 | 3108.246 | 44229.91 | 7463.619 | 4038.289 |
| #2 | 1560.068 | 3124.143 | 44010.28 | 7415.149 | 4040.181 |
| #3 | 1578.308 | 3115.351 | 43978.35 | 7433.011 | 4047.844 |

Sample Name: I6516-10      Acquired: 11/17/2017 18:44:03      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MC0AC4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0163319 | .0168653 | .0846284 | -.010425 | .0065884 | 60.65641 | .6029233 |
| Stddev | .0053679 | .0013223 | .0023423 | .002674  | .0005606 | .12062   | .0009742 |
| %RSD   | 32.86731 | 7.840574 | 2.767738 | 25.64890 | 8.508617 | .1988582 | .1615729 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0200287 | .0160476 | .0820758 | -.012885 | .0067642 | 60.69839 | .6038385 |
| #2 | .0101749 | .0183909 | .0851302 | -.010810 | .0059610 | 60.75044 | .6030321 |
| #3 | .0187922 | .0161574 | .0866791 | -.007579 | .0070401 | 60.52042 | .6018993 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0070410 | -.000659 | 71.20499 | .0771177 | .0870248 | .4439656 | 171.6159 |
| Stddev | .0001083 | .000087  | .21622   | .0005347 | .0003246 | .0016501 | .3444    |
| %RSD   | 1.537996 | 13.21513 | .3036563 | .6933783 | .3730084 | .3716813 | .2006699 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0071543 | -.000627 | 71.16792 | .0765035 | .0867767 | .4453723 | 171.7942 |
| #2 | .0069385 | -.000757 | 71.43734 | .0773700 | .0869055 | .4443753 | 171.8346 |
| #3 | .0070303 | -.000592 | 71.00970 | .0774796 | .0873922 | .4421492 | 171.2190 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.821818 | 13.36124 | .1372156 | .0002767 | 1.332290 | .1078265 | .5503180 |
| Stddev | .012603  | .03620   | .0005340 | .0004007 | .053442  | .0004500 | .0115559 |
| %RSD   | .2613749 | .2709483 | .3891805 | 144.7951 | 4.011314 | .4173460 | 2.099856 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.825684 | 13.37829 | .1366368 | .0001081 | 1.380350 | .1078132 | .5626701 |
| #2 | 4.832035 | 13.38576 | .1376892 | .0007342 | 1.341783 | .1073833 | .5485132 |
| #3 | 4.807735 | 13.31966 | .1373207 | -.000012 | 1.274738 | .1082830 | .5397707 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.878995 | 2.336371 | -.425291 | .0017745 | 24.56163 | 7.162266 | .0073437 |
| Stddev | .036013  | .003962  | .002270  | .0005120 | .04778   | .025883  | .0013219 |
| %RSD   | .6125777 | .1695629 | .5336937 | 28.85445 | .1945417 | .3613806 | 17.99997 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.881354 | 2.339979 | -.424620 | .0012607 | 24.61182 | 7.158916 | .0062267 |
| #2 | 5.913772 | 2.332132 | -.427821 | .0017780 | 24.55637 | 7.138221 | .0088031 |
| #3 | 5.841861 | 2.337001 | -.423433 | .0022848 | 24.51669 | 7.189661 | .0070013 |

Sample Name: I6516-10      Acquired: 11/17/2017 18:44:03      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MC0AC4      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .2641301 | .1166520 | .1313345 |
| Stddev | .0052353 | .0010757 | .0006087 |
| %RSD   | 1.982086 | .9221563 | .4634917 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .2653188 | .1159160 | .1319181 |
| #2 | .2686687 | .1161535 | .1313819 |
| #3 | .2584026 | .1178866 | .1307034 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1531.635 | 3065.751 | 43341.45 | 7483.351 | 3875.552 |
| Stddev    | 7.052    | 9.702    | 110.91   | 20.309   | 14.119   |
| %RSD      | .4604394 | .3164797 | .2558989 | .2713855 | .3643043 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1539.496 | 3065.645 | 43436.09 | 7475.017 | 3870.514 |
| #2 | 1525.865 | 3075.507 | 43219.41 | 7468.535 | 3891.498 |
| #3 | 1529.542 | 3056.103 | 43368.86 | 7506.501 | 3864.643 |

Sample Name: I6516-11      Acquired: 11/17/2017 18:48:05      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MC0AC6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0460347 | .0226693 | .0391662 | -.016525 | .0047312 | 63.92095 | .7393411 |
| Stddev | .0021453 | .0007358 | .0019866 | .003609  | .0008487 | .23938   | .0012741 |
| %RSD   | 4.660274 | 3.245988 | 5.072286 | 21.83837 | 17.93928 | .3744916 | .1723223 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0435818 | .0226169 | .0370877 | -.017296 | .0037757 | 64.18415 | .7407691 |
| #2 | .0469610 | .0219611 | .0393650 | -.012593 | .0050199 | 63.86248 | .7383207 |
| #3 | .0475613 | .0234300 | .0410459 | -.019687 | .0053979 | 63.71622 | .7389335 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0072507 | -.002215 | 5.308344 | .0957843 | .0955690 | .1010164 | 224.5988 |
| Stddev | .0002019 | .000235  | .020479  | .0009124 | .0005619 | .0012214 | .8089    |
| %RSD   | 2.784039 | 10.61710 | .3857822 | .9525621 | .5879924 | 1.209075 | .3601709 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0074488 | -.001952 | 5.331330 | .0965941 | .0957705 | .0996369 | 225.5079 |
| #2 | .0072578 | -.002405 | 5.292044 | .0947957 | .0960023 | .1019601 | 224.3301 |
| #3 | .0070453 | -.002288 | 5.301658 | .0959630 | .0949341 | .1014521 | 223.9585 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.593353 | 17.02449 | .1724343 | -.000124 | .9674485 | .1164456 | .3687334 |
| Stddev | .005691  | .10895   | .0005086 | .000304  | .0569049 | .0022239 | .0007231 |
| %RSD   | .3571540 | .6399525 | .2949376 | 245.7524 | 5.881953 | 1.909828 | .1960976 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.599916 | 17.14541 | .1725068 | -.000255 | 1.031735 | .1148538 | .3691057 |
| #2 | 1.590366 | 16.99409 | .1718933 | .000224  | .923534  | .1189866 | .3679000 |
| #3 | 1.589778 | 16.93398 | .1729027 | -.000340 | .947076  | .1154965 | .3691944 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.280856 | 1.984737 | -.564794 | .0067120 | 3.287656 | 8.757309 | .0113298 |
| Stddev | .012161  | .022348  | .003375  | .0002858 | .014710  | .117211  | .0004471 |
| %RSD   | .1468549 | 1.125984 | .5974813 | 4.257695 | .4474223 | 1.338435 | 3.946445 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 8.291336 | 1.958958 | -.568654 | .0066904 | 3.270675 | 8.886419 | .0118414 |
| #2 | 8.267522 | 1.996629 | -.562402 | .0070079 | 3.296499 | 8.727916 | .0110137 |
| #3 | 8.283710 | 1.998625 | -.563327 | .0064376 | 3.295793 | 8.657592 | .0111343 |

Sample Name: I6516-11      Acquired: 11/17/2017 18:48:05      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MC0AC6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .2518346 | .1333819 | .0305795 |
| Stddev | .0091717 | .0015826 | .0005358 |
| %RSD   | 3.641940 | 1.186556 | 1.752161 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .2591244 | .1337623 | .0308975 |
| #2 | .2415366 | .1316437 | .0308800 |
| #3 | .2548427 | .1347397 | .0299609 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1555.932 | 3105.956 | 43452.52 | 7479.203 | 3986.947 |
| Stddev    | 3.948    | 1.041    | 87.33    | 53.839   | 7.077    |
| %RSD      | .2537480 | .0335086 | .2009886 | .7198463 | .1775123 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1551.387 | 3104.819 | 43385.51 | 7424.346 | 3982.918 |
| #2 | 1557.891 | 3106.186 | 43551.29 | 7481.301 | 3995.119 |
| #3 | 1558.517 | 3106.862 | 43420.76 | 7531.963 | 3982.804 |

Sample Name: I6516-12      Acquired: 11/17/2017 18:52:08      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MC0AC7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0208549 | .0135534 | .0982419 | -.011028 | .0039827 | 62.70199 | .8389853 |
| Stddev | .0018811 | .0025305 | .0025696 | .002739  | .0007041 | .02193   | .0014549 |
| %RSD   | 9.020028 | 18.67084 | 2.615606 | 24.83418 | 17.67802 | .0349763 | .1734098 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0212689 | .0164380 | .1007143 | -.012123 | .0035687 | 62.69598 | .8406506 |
| #2 | .0188013 | .0117078 | .0955850 | -.007911 | .0047956 | 62.72629 | .8383444 |
| #3 | .0224945 | .0125143 | .0984266 | -.013050 | .0035837 | 62.68368 | .8379609 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0086298 | -.000336 | 6.746836 | .0941645 | .0956013 | .0789631 | 156.2996 |
| Stddev | .0001229 | .000059  | .011387  | .0014837 | .0003551 | .0006854 | .0747    |
| %RSD   | 1.424208 | 17.68262 | .1687779 | 1.575691 | .3714196 | .8680201 | .0478245 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0084931 | -.000269 | 6.740372 | .0930224 | .0958625 | .0796328 | 156.3373 |
| #2 | .0087311 | -.000355 | 6.740151 | .0936295 | .0957443 | .0789934 | 156.3479 |
| #3 | .0086652 | -.000383 | 6.759984 | .0958415 | .0951970 | .0782630 | 156.2135 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.725943 | 12.60764 | .1502262 | -.000282 | .4995875 | .1237420 | .4557046 |
| Stddev | .003682  | .03803   | .0005212 | .000039  | .1005417 | .0011518 | .0024485 |
| %RSD   | .0779187 | .3016488 | .3469390 | 14.00721 | 20.12494 | .9307809 | .5373058 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.721716 | 12.64161 | .1504248 | -.000327 | .5593163 | .1224222 | .4529165 |
| #2 | 4.728454 | 12.56655 | .1506189 | -.000259 | .5559378 | .1245437 | .4566922 |
| #3 | 4.727660 | 12.61477 | .1496349 | -.000259 | .3835084 | .1242601 | .4575051 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.921748 | 1.864182 | -.395863 | .0029653 | .9984294 | 9.875225 | .0079324 |
| Stddev | .068611  | .025782  | .002636  | .0002505 | .0138128 | .319723  | .0008479 |
| %RSD   | 1.394040 | 1.383011 | .6658520 | 8.447894 | 1.383456 | 3.237627 | 10.68901 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.853267 | 1.867422 | -.393499 | .0031194 | 1.008443 | 9.506587 | .0086191 |
| #2 | 4.990488 | 1.888190 | -.395386 | .0026763 | 1.004174 | 10.07693 | .0069847 |
| #3 | 4.921488 | 1.836933 | -.398705 | .0031004 | .982671  | 10.04215 | .0081935 |

Sample Name: I6516-12      Acquired: 11/17/2017 18:52:08      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MC0AC7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .3479991 | .1061136 | .0380369 |
| Stddev | .0031783 | .0001580 | .0003720 |
| %RSD   | .9133187 | .1488817 | .9780392 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .3454696 | .1059887 | .0379670 |
| #2 | .3515667 | .1060609 | .0377049 |
| #3 | .3469610 | .1062912 | .0384390 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1615.877 | 3247.072 | 45285.24 | 7823.460 | 4039.038 |
| Stddev    | 5.850    | 14.202   | 190.73   | 36.632   | 11.976   |
| %RSD      | .3620423 | .4373742 | .4211756 | .4682303 | .2964981 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1609.145 | 3235.925 | 45077.88 | 7822.531 | 4025.929 |
| #2 | 1618.753 | 3242.228 | 45324.66 | 7860.548 | 4041.779 |
| #3 | 1619.732 | 3263.062 | 45453.18 | 7787.302 | 4049.405 |

Sample Name: I6516-13      Acquired: 11/17/2017 18:56:11      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MC0AC8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0118429 | .0137512 | .0927058 | -.008781 | .0028444 | 53.83975 | .6741855 |
| Stddev | .0029011 | .0041226 | .0012215 | .000917  | .0003151 | .12621   | .0020479 |
| %RSD   | 24.49697 | 29.98017 | 1.317576 | 10.44342 | 11.07834 | .2344137 | .3037589 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0084929 | .0098739 | .0919322 | -.007844 | .0024910 | 53.90941 | .6764857 |
| #2 | .0135270 | .0180818 | .0920712 | -.008823 | .0030959 | 53.91577 | .6735103 |
| #3 | .0135087 | .0132980 | .0941139 | -.009677 | .0029464 | 53.69406 | .6725604 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0066776 | -.000597 | 142.1058 | .0725753 | .0767667 | .6349812 | 169.9581 |
| Stddev | .0000587 | .000188  | .3869    | .0005759 | .0015692 | .0016183 | .3190    |
| %RSD   | .8787059 | 31.50029 | .2722313 | .7935883 | 2.044129 | .2548585 | .1877084 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0067285 | -.000669 | 142.4542 | .0720557 | .0773451 | .6332331 | 170.0873 |
| #2 | .0066907 | -.000739 | 142.1737 | .0724755 | .0749904 | .6352833 | 170.1923 |
| #3 | .0066134 | -.000384 | 141.6895 | .0731946 | .0779647 | .6364271 | 169.5948 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.884216 | 12.71384 | .1262271 | .0000296 | 1.439704 | .1033985 | .6040108 |
| Stddev | .009818  | .03873   | .0010459 | .0002136 | .083622  | .0068820 | .0055582 |
| %RSD   | .1668487 | .3046198 | .8286211 | 722.2356 | 5.808255 | 6.655830 | .9202171 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.894365 | 12.70715 | .1268758 | .0000451 | 1.355298 | .1046305 | .6099550 |
| #2 | 5.883515 | 12.75548 | .1250205 | .0002350 | 1.441296 | .1095814 | .6031348 |
| #3 | 5.874767 | 12.67890 | .1267850 | -.000191 | 1.522519 | .0959837 | .5989425 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.412674 | 3.196770 | -.407133 | .0029313 | 41.69999 | 6.727368 | .0079600 |
| Stddev | .049543  | .071612  | .002741  | .0002587 | .74977   | .031680  | .0018596 |
| %RSD   | .6683528 | 2.240128 | .6733055 | 8.823916 | 1.798012 | .4709099 | 23.36206 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.361966 | 3.200664 | -.409350 | .0032266 | 41.69861 | 6.755877 | .0059592 |
| #2 | 7.460963 | 3.123291 | -.407979 | .0027448 | 40.95092 | 6.732965 | .0082853 |
| #3 | 7.415092 | 3.266355 | -.404068 | .0028225 | 42.45046 | 6.693263 | .0096355 |

Sample Name: I6516-13      Acquired: 11/17/2017 18:56:11      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MC0AC8      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .2685795 | .0993627 | .2279452 |
| Stddev | .0086830 | .0010667 | .0004195 |
| %RSD   | 3.232941 | 1.073561 | .1840236 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .2621573 | .1002409 | .2284263 |
| #2 | .2784585 | .0981756 | .2277536 |
| #3 | .2651225 | .0996716 | .2276557 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1474.634 | 2970.708 | 42280.37 | 7503.126 | 3776.110 |
| Stddev    | 3.043    | 40.873   | 59.40    | 17.417   | 51.305   |
| %RSD      | .2063708 | 1.375873 | .1404811 | .2321333 | 1.358675 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1473.935 | 2943.084 | 42304.95 | 7516.868 | 3750.230 |
| #2 | 1477.966 | 3017.661 | 42323.53 | 7483.538 | 3835.200 |
| #3 | 1472.001 | 2951.380 | 42212.63 | 7508.972 | 3742.898 |

Sample Name: I6516-14      Acquired: 11/17/2017 19:00:14      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MC0AC9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0252428 | .0034320 | .1097570 | .0027495 | .0025499 | 29.24100 | .4251733 |
| Stddev | .0033055 | .0008946 | .0005133 | .0013728 | .0005073 | .06556   | .0007424 |
| %RSD   | 13.09481 | 26.06602 | .4676423 | 49.92858 | 19.89276 | .2242089 | .1746135 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0279324 | .0044411 | .1094503 | .0021011 | .0023083 | 29.19144 | .4244861 |
| #2 | .0262435 | .0031184 | .1103496 | .0018210 | .0031328 | 29.31534 | .4259607 |
| #3 | .0215526 | .0027363 | .1094712 | .0043263 | .0022086 | 29.21623 | .4250730 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0036693 | .0006772 | 6.411780 | .0432549 | .0553958 | .1364461 | 66.68638 |
| Stddev | .0000455 | .0001452 | .019730  | .0006496 | .0001964 | .0003353 | .10467   |
| %RSD   | 1.239192 | 21.43228 | .3077083 | 1.501815 | .3544629 | .2457484 | .1569658 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0037218 | .0005116 | 6.396919 | .0439508 | .0552207 | .1366329 | 66.59975 |
| #2 | .0036424 | .0007821 | 6.434164 | .0426644 | .0553586 | .1360590 | 66.80269 |
| #3 | .0036437 | .0007380 | 6.404257 | .0431495 | .0556081 | .1366464 | 66.65669 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.258264 | 6.757305 | .0812688 | .0002313 | .2982262 | .0650506 | .3439388 |
| Stddev | .004959  | .013483  | .0002888 | .0005692 | .0797734 | .0017051 | .0050145 |
| %RSD   | .3940902 | .1995248 | .3554079 | 246.1194 | 26.74929 | 2.621111 | 1.457968 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.252660 | 6.752641 | .0810196 | .0002922 | .3376589 | .0642534 | .3464883 |
| #2 | 1.262086 | 6.746774 | .0812014 | -.000366 | .2064156 | .0670082 | .3471663 |
| #3 | 1.260045 | 6.772501 | .0815853 | .000767  | .3506043 | .0638902 | .3381618 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.357852 | 1.895088 | -.164140 | .0013658 | 5.627663 | 5.056964 | .0099249 |
| Stddev | .024290  | .027141  | .002579  | .0002147 | .053187  | .025253  | .0004781 |
| %RSD   | .7233773 | 1.432196 | 1.571505 | 15.71600 | .9451057 | .4993642 | 4.817387 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.336842 | 1.895064 | -.163204 | .0015016 | 5.638047 | 5.075138 | .0098878 |
| #2 | 3.384449 | 1.922242 | -.162159 | .0011183 | 5.674893 | 5.067626 | .0094664 |
| #3 | 3.352267 | 1.867959 | -.167056 | .0014774 | 5.570050 | 5.028129 | .0104205 |

Sample Name: I6516-14      Acquired: 11/17/2017 19:00:14      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MC0AC9      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .2300633 | .0492335 | .0337517 |
| Stddev | .0068407 | .0004878 | .0003458 |
| %RSD   | 2.973407 | .9907365 | 1.024681 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .2275212 | .0496451 | .0334312 |
| #2 | .2378112 | .0493606 | .0341183 |
| #3 | .2248576 | .0486948 | .0337057 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1551.569 | 3112.646 | 44153.15 | 7602.328 | 4144.597 |
| Stddev    | 4.627    | 10.936   | 47.25    | 16.082   | 7.390    |
| %RSD      | .2982305 | .3513547 | .1070108 | .2115385 | .1783108 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1547.916 | 3100.420 | 44120.39 | 7595.923 | 4136.256 |
| #2 | 1550.019 | 3121.497 | 44131.76 | 7620.626 | 4150.328 |
| #3 | 1556.772 | 3116.021 | 44207.32 | 7590.436 | 4147.209 |

Sample Name: I6516-15      Acquired: 11/17/2017 19:06:53      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MC0AD0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0207457 | .0032882 | .0973938 | -.003755 | .0027030 | 28.59405 | .4040205 |
| Stddev | .0036343 | .0001300 | .0004788 | .002551  | .0027806 | .16479   | .0007758 |
| %RSD   | 17.51816 | 3.953919 | .4916336 | 67.94106 | 102.8739 | .5763234 | .1920105 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0225642 | .0031928 | .0969232 | -.005712 | .0057430 | 28.72720 | .4046880 |
| #2 | .0165611 | .0034363 | .0978804 | -.000870 | .0020778 | 28.64521 | .4042042 |
| #3 | .0231117 | .0032356 | .0973777 | -.004682 | .0002881 | 28.40974 | .4031694 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0037851 | .0006168 | 47.61433 | .0426554 | .0509211 | .1722447 | 66.74016 |
| Stddev | .0000589 | .0000182 | .24675   | .0003219 | .0002192 | .0025493 | .34441   |
| %RSD   | 1.554724 | 2.944406 | .5182246 | .7546710 | .4303991 | 1.480026 | .5160391 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0037290 | .0006106 | 47.67979 | .0430271 | .0510803 | .1738496 | 66.95329 |
| #2 | .0037800 | .0006373 | 47.82175 | .0424673 | .0510118 | .1693052 | 66.92436 |
| #3 | .0038464 | .0006026 | 47.34145 | .0424718 | .0506711 | .1735792 | 66.34283 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.179221 | 6.554824 | .0800038 | .0001703 | .4619908 | .0647243 | .3627438 |
| Stddev | .005063  | .043458  | .0007107 | .0001908 | .0951038 | .0028762 | .0062151 |
| %RSD   | .4293456 | .6629924 | .8883608 | 112.0157 | 20.58566 | 4.443689 | 1.713369 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.180307 | 6.536077 | .0791865 | .0002954 | .5251567 | .0622525 | .3685880 |
| #2 | 1.183653 | 6.523886 | .0804771 | .0002648 | .3526113 | .0640393 | .3634288 |
| #3 | 1.173704 | 6.604509 | .0803479 | -.000049 | .5082042 | .0678811 | .3562145 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.325109 | 2.058710 | -.164705 | .0012485 | 5.415959 | 6.079993 | .0051572 |
| Stddev | .027229  | .036933  | .001459  | .0001256 | .066772  | .033995  | .0019186 |
| %RSD   | .8188805 | 1.793971 | .8859223 | 10.05788 | 1.232882 | .5591289 | 37.20187 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.354741 | 2.019104 | -.165251 | .0013904 | 5.338931 | 6.107987 | .0030305 |
| #2 | 3.319396 | 2.064817 | -.165813 | .0012029 | 5.451546 | 6.042165 | .0056832 |
| #3 | 3.301190 | 2.092208 | -.163052 | .0011520 | 5.457401 | 6.089826 | .0067579 |

Sample Name: I6516-15      Acquired: 11/17/2017 19:06:53      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MC0AD0      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .2661612 | .0467146 | .0636601 |
| Stddev | .0035299 | .0005496 | .0003815 |
| %RSD   | 1.326240 | 1.176453 | .5993557 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .2678913 | .0472471 | .0640467 |
| #2 | .2621000 | .0461494 | .0636497 |
| #3 | .2684924 | .0467474 | .0632838 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1532.122 | 3043.742 | 43609.35 | 7551.560 | 4009.582 |
| Stddev    | 5.965    | 11.615   | 126.61   | 37.627   | 20.623   |
| %RSD      | .3892977 | .3815879 | .2903170 | .4982616 | .5143439 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1525.375 | 3056.176 | 43463.17 | 7519.454 | 4033.237 |
| #2 | 1534.295 | 3041.878 | 43680.37 | 7542.264 | 4000.135 |
| #3 | 1536.695 | 3033.172 | 43684.49 | 7592.964 | 3995.375 |

Sample Name: I6515-03      Acquired: 11/17/2017 19:10:57      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MC0AA0S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0990790 | .1498293 | .1353667 | .0900986 | .1925240 | 48.29376 | 4.339177 |
| Stddev | .0028654 | .0007887 | .0020382 | .0021365 | .0038036 | .20214   | .012861  |
| %RSD   | 2.892069 | .5264281 | 1.505661 | 2.371265 | 1.975659 | .4185622 | .2963881 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0963387 | .1489569 | .1342929 | .0886446 | .1951386 | 48.30875 | 4.344573 |
| #2 | .1020550 | .1504922 | .1340899 | .0925515 | .1881605 | 48.48799 | 4.348461 |
| #3 | .0988433 | .1500387 | .1377172 | .0890996 | .1942729 | 48.08455 | 4.324497 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0956482 | .0988494 | 8.277902 | .4771776 | 1.101884 | .5027159 | 144.3992 |
| Stddev | .0001963 | .0002857 | .039292  | .0054534 | .003565  | .0017629 | .7147    |
| %RSD   | .2052233 | .2890309 | .4746633 | 1.142851 | .3235586 | .3506690 | .4949368 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0954216 | .0986220 | 8.283316 | .4741066 | 1.099277 | .5012111 | 144.4461 |
| #2 | .0957622 | .0987560 | 8.314206 | .4739521 | 1.100429 | .5022812 | 145.0893 |
| #3 | .0957610 | .0991700 | 8.236183 | .4834740 | 1.105947 | .5046555 | 143.6622 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.609004 | 10.08709 | 1.136703 | .1023377 | .5706047 | 1.084811 | 1.229069 |
| Stddev | .028560  | .04369   | .001277  | .0011883 | .1018015 | .006073  | .005592  |
| %RSD   | .5091858 | .4331050 | .1123288 | 1.161187 | 17.84099 | .5598601 | .4549789 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.617400 | 10.05197 | 1.136902 | .1026644 | .6113070 | 1.088099 | 1.232713 |
| #2 | 5.632425 | 10.13601 | 1.135339 | .1010203 | .6457578 | 1.088532 | 1.231864 |
| #3 | 5.577187 | 10.07330 | 1.137869 | .1033286 | .4547494 | 1.077803 | 1.222631 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.741060 | 1.721529 | -.365671 | .0015082 | .9570860 | 5.236312 | .0079371 |
| Stddev | .006320  | .006074  | .001531  | .0002448 | .0144658 | .080759  | .0010525 |
| %RSD   | .1333001 | .3528095 | .4185617 | 16.23114 | 1.511441 | 1.542290 | 13.26007 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.734309 | 1.716309 | -.363914 | .0017861 | .9681559 | 5.213041 | .0067287 |
| #2 | 4.746835 | 1.720083 | -.366716 | .0013245 | .9407182 | 5.326152 | .0086532 |
| #3 | 4.742035 | 1.728196 | -.366384 | .0014140 | .9623839 | 5.169743 | .0084295 |

Sample Name: I6515-03      Acquired: 11/17/2017 19:10:57      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MC0AA0S      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .3206377 | .0733109 | .0498687 |
| Stddev | .0096527 | .0003896 | .0002169 |
| %RSD   | 3.010465 | .5314224 | .4348700 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .3276885 | .0730919 | .0499009 |
| #2 | .3245882 | .0737607 | .0500677 |
| #3 | .3096364 | .0730802 | .0496375 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1550.667 | 3098.862 | 43776.44 | 7590.279 | 3982.148 |
| Stddev    | 12.388   | 7.199    | 194.98   | 46.865   | 5.244    |
| %RSD      | .7988788 | .2323200 | .4453881 | .6174292 | .1316800 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1537.699 | 3093.407 | 43557.52 | 7573.599 | 3979.522 |
| #2 | 1551.924 | 3107.022 | 43931.43 | 7554.036 | 3988.186 |
| #3 | 1562.379 | 3096.157 | 43840.36 | 7643.202 | 3978.737 |

Sample Name: I6349-03      Acquired: 11/17/2017 19:14:58      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MB0F93S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0854224 | .1380487 | .1054903 | .0819438 | .1778163 | 98.53333 | 3.872745 |
| Stddev | .0046757 | .0017344 | .0002431 | .0011590 | .0009785 | .64204   | .019724  |
| %RSD   | 5.473607 | 1.256367 | .2304261 | 1.414381 | .5502755 | .6516009 | .5093107 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0886740 | .1377468 | .1057195 | .0816325 | .1769133 | 99.08222 | 3.882559 |
| #2 | .0875293 | .1399142 | .1055161 | .0809723 | .1776796 | 98.69046 | 3.885638 |
| #3 | .0800640 | .1364851 | .1052354 | .0832267 | .1788559 | 97.82730 | 3.850039 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0902639 | .0967233 | 5.547758 | .5024793 | 1.007186 | .4421214 | 69.99650 |
| Stddev | .0004833 | .0002777 | .021251  | .0012988 | .001899  | .0038356 | .39249   |
| %RSD   | .5353717 | .2871490 | .3830557 | .2584744 | .1885790 | .8675351 | .5607277 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0907196 | .0965573 | 5.571495 | .5018289 | 1.008073 | .4421389 | 70.42172 |
| #2 | .0903150 | .0965687 | 5.530502 | .5016342 | 1.005006 | .4459482 | 69.91965 |
| #3 | .0897571 | .0970439 | 5.541277 | .5039748 | 1.008480 | .4382771 | 69.64811 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.084276 | 3.359758 | 1.044958 | .0981937 | .3739494 | 1.102415 | .8929526 |
| Stddev | .005877  | .025900  | .002021  | .0002194 | .0295440 | .009181  | .0026751 |
| %RSD   | .5420330 | .7708945 | .1933994 | .2234639 | 7.900541 | .8327829 | .2995822 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.090792 | 3.343943 | 1.045734 | .0984457 | .4066225 | 1.107549 | .8929693 |
| #2 | 1.079377 | 3.345682 | 1.042665 | .0980904 | .3491159 | 1.107880 | .8956193 |
| #3 | 1.082657 | 3.389648 | 1.046477 | .0980450 | .3661098 | 1.091816 | .8902691 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.568744 | .8556836 | -.169847 | .0021356 | .2449368 | 5.305915 | .0077568 |
| Stddev | .045712  | .0082317 | .001113  | .0003920 | .0035618 | .028950  | .0012029 |
| %RSD   | 1.280909 | .9620021 | .6553545 | 18.35594 | 1.454176 | .5456234 | 15.50728 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.602056 | .8467156 | -.171112 | .0021560 | .2486010 | 5.335631 | .0089412 |
| #2 | 3.587548 | .8574393 | -.169409 | .0025171 | .2414871 | 5.304318 | .0065363 |
| #3 | 3.516629 | .8628957 | -.169019 | .0017339 | .2447223 | 5.277796 | .0077929 |

Sample Name: I6349-03      Acquired: 11/17/2017 19:14:58      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MB0F93S      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .4118992 | .0372673 | .0468887 |
| Stddev | .0037145 | .0003814 | .0004110 |
| %RSD   | .9017854 | 1.023327 | .8766221 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .4138280 | .0368277 | .0472710 |
| #2 | .4142526 | .0375091 | .0469413 |
| #3 | .4076172 | .0374651 | .0464540 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1644.709 | 3298.028 | 45494.51 | 7916.180 | 4028.258 |
| Stddev    | 4.411    | 4.537    | 75.77    | 32.074   | 5.778    |
| %RSD      | .2682208 | .1375752 | .1665465 | .4051713 | .1434267 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1647.474 | 3293.191 | 45476.99 | 7881.171 | 4021.588 |
| #2 | 1639.622 | 3298.703 | 45577.51 | 7944.150 | 4031.667 |
| #3 | 1647.032 | 3302.190 | 45429.04 | 7923.217 | 4031.521 |

Sample Name: I6516-05      Acquired: 11/17/2017 19:18:58      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MC0AC0D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0459630 | .0204813 | .0534853 | -.017377 | .0034660 | 56.36586 | 1.409677 |
| Stddev | .0028877 | .0025141 | .0026403 | .003177  | .0016561 | .66101   | .021041  |
| %RSD   | 6.282628 | 12.27499 | 4.936500 | 18.28443 | 47.78197 | 1.172716 | 1.492590 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0427071 | .0226183 | .0516948 | -.017476 | .0026424 | 56.93318 | 1.425891 |
| #2 | .0469683 | .0211145 | .0522435 | -.014151 | .0023831 | 56.52440 | 1.417239 |
| #3 | .0482137 | .0177112 | .0565176 | -.020503 | .0053724 | 55.63999 | 1.385900 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0061267 | -.002246 | 6.950283 | .1333732 | .0861683 | .1495314 | 220.9749 |
| Stddev | .0001771 | .000153  | .104051  | .0006062 | .0002458 | .0034235 | 2.4778   |
| %RSD   | 2.890001 | 6.816821 | 1.497077 | .4545467 | .2852641 | 2.289501 | 1.121308 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0063020 | -.002423 | 7.016334 | .1329682 | .0864348 | .1521736 | 222.6611 |
| #2 | .0061302 | -.002153 | 7.004174 | .1340702 | .0861193 | .1507567 | 222.1337 |
| #3 | .0059480 | -.002163 | 6.830340 | .1330812 | .0859506 | .1456638 | 218.1301 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.076344 | 13.35894 | .1536018 | .0001040 | .8895581 | .1184128 | .3184160 |
| Stddev | .036734  | .17320   | .0003707 | .0003359 | .2144084 | .0046724 | .0027481 |
| %RSD   | 1.194074 | 1.296476 | .2413116 | 322.9250 | 24.10280 | 3.945874 | .8630420 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.102711 | 13.46170 | .1531867 | -.000147 | .6810523 | .1190799 | .3203555 |
| #2 | 3.091934 | 13.45615 | .1538997 | .000486  | .8782042 | .1227158 | .3152713 |
| #3 | 3.034386 | 13.15898 | .1537189 | -.000027 | 1.109418 | .1134426 | .3196212 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.187519 | 2.336343 | -.561645 | .0270978 | .8942120 | 12.09417 | .0102722 |
| Stddev | .138469  | .015915  | .007230  | .0001923 | .0070528 | .26095   | .0006913 |
| %RSD   | 1.926520 | .6812018 | 1.287207 | .7095878 | .7887141 | 2.157610 | 6.729502 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.303723 | 2.335025 | -.561440 | .0272860 | .8994244 | 12.28275 | .0103882 |
| #2 | 7.224528 | 2.352876 | -.568976 | .0269017 | .8970247 | 12.20340 | .0095302 |
| #3 | 7.034306 | 2.321128 | -.554521 | .0271057 | .8861868 | 11.79636 | .0108980 |

Sample Name: I6516-05      Acquired: 11/17/2017 19:18:58      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MC0AC0D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .3421057 | .1120700 | .0342350 |
| Stddev | .0243743 | .0011696 | .0008890 |
| %RSD   | 7.124790 | 1.043608 | 2.596673 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .3541334 | .1127415 | .0350616 |
| #2 | .3581284 | .1127490 | .0343487 |
| #3 | .3140553 | .1107195 | .0332946 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1581.240 | 3173.712 | 44391.63 | 7711.662 | 4016.394 |
| Stddev    | 6.384    | 3.575    | 155.81   | 88.580   | 1.233    |
| %RSD      | .4037530 | .1126586 | .3509804 | 1.148646 | .0307010 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1576.033 | 3169.841 | 44218.47 | 7654.602 | 4016.481 |
| #2 | 1588.363 | 3176.890 | 44435.92 | 7666.677 | 4015.120 |
| #3 | 1579.324 | 3174.407 | 44520.49 | 7813.708 | 4017.581 |

Sample Name: CCV078      Acquired: 11/17/2017 19:36:51      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV078      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.104527 | 5.005202 | 25.70689 | 5.039152 | 5.098492 | 367.9115 |
| Stddev | .016224  | .051866  | .08229   | .009151  | .004257  | .7287    |
| %RSD   | .3178318 | 1.036236 | .3201012 | .1816031 | .0834889 | .1980520 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 5.085981 | 4.945864 | 25.64587 | 5.029516 | 5.096246 | 368.2388 |
| #2 | 5.111504 | 5.027845 | 25.67432 | 5.040211 | 5.095828 | 368.4191 |
| #3 | 5.116094 | 5.041896 | 25.80047 | 5.047727 | 5.103401 | 367.0766 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.623354 | .4916032 | 2.566799 | 392.0025 | 15.67546 | 2.582719 |
| Stddev | .101213  | .0024146 | .004684  | .7389    | .06682   | .005950  |
| %RSD   | 1.051740 | .4911685 | .1824955 | .1884817 | .4262414 | .2303612 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.729525 | .4888867 | 2.562289 | 391.2862 | 15.64511 | 2.577607 |
| #2 | 9.527963 | .4935053 | 2.566467 | 391.9592 | 15.75207 | 2.581301 |
| #3 | 9.612573 | .4924177 | 2.571640 | 392.7620 | 15.62921 | 2.589250 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 13.61688 | 380.5048 | 14.48489 | 386.1634 | 2.580186 | F 1.410573 |
| Stddev | .04220   | .0944    | .02327   | .7715    | .005672  | .000480    |
| %RSD   | .3098743 | .0248044 | .1606475 | .1997788 | .2198413 | .0340384   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 13.65122 | 380.4433 | 14.46554 | 385.4280 | 2.574691 | 1.410023 |
| #2 | 13.62966 | 380.4576 | 14.47841 | 386.0956 | 2.579848 | 1.410908 |
| #3 | 13.56978 | 380.6135 | 14.51071 | 386.9665 | 2.586020 | 1.410789 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 366.1051 | 2.326759 | 15.61219 | 137.9974 | 5.305091 | F 4.025519 |
| Stddev | .7257    | .008302  | .15269   | .5344    | .089049  | .021289    |
| %RSD   | .1982107 | .3568047 | .9779869 | .3872455 | 1.678562 | .5288556   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 366.3884 | 2.319702 | 15.70628 | 138.3728 | 5.213361 | 4.003830 |
| #2 | 366.6464 | 2.335906 | 15.43602 | 138.2338 | 5.310719 | 4.046384 |
| #3 | 365.2806 | 2.324668 | 15.69426 | 137.3856 | 5.391193 | 4.026343 |

Sample Name: CCV078      Acquired: 11/17/2017 19:36:51      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV078      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.103820 | 5.352940 | 4.671261 | 5.271880 | 4.629050 | 5.027497 |
| Stddev | .002800  | .057443  | .023383  | .030337  | .010139  | .014265  |
| %RSD   | .0548641 | 1.073105 | .5005742 | .5754434 | .2190214 | .2837462 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 5.103474 | 5.303786 | 4.645820 | 5.236866 | 4.632639 | 5.042694 |
| #2 | 5.101208 | 5.338949 | 4.691813 | 5.290278 | 4.636906 | 5.025400 |
| #3 | 5.106777 | 5.416086 | 4.676150 | 5.288497 | 4.617605 | 5.014396 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 4.525024 |
| Stddev | .015877  |
| %RSD   | .3508713 |

|    |          |
|----|----------|
| #1 | 4.512322 |
| #2 | 4.542824 |
| #3 | 4.519925 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1253.808 | 2534.843 | 36063.06 | 6735.136 | 2973.821 |
| Stddev    | 10.704   | 4.809    | 51.25    | 30.247   | 2.409    |
| %RSD      | .8537544 | .1897196 | .1421174 | .4490961 | .0810141 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1250.514 | 2529.306 | 36011.11 | 6763.976 | 2974.152 |
| #2 | 1265.772 | 2537.238 | 36113.59 | 6737.776 | 2976.047 |
| #3 | 1245.138 | 2537.984 | 36064.49 | 6703.654 | 2971.263 |

Sample Name: CCB078      Acquired: 11/17/2017 19:40:54      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB078      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0032317 | -.001544 | .0010444 | -.001485 | .0005458 | .0017459 | -.000696 |
| Stddev | .0039154 | .001685  | .0001381 | .000513  | .0015477 | .0028231 | .000254  |
| %RSD   | 121.1552 | 109.1280 | 13.22564 | 34.50079 | 283.5893 | 161.7025 | 36.51486 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0024528 | .000388  | .0009126 | -.001076 | .0008647 | .0009685 | -.000550 |
| #2 | -.000236 | -.002308 | .0011881 | -.001320 | .0019092 | -.000607 | -.000989 |
| #3 | .007478  | -.002713 | .0010324 | -.002060 | -.001137 | .004876  | -.000548 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000299 | .0000129 | -.009752 | -.000062 | -.000137 | .0006028 | .0056684 |
| Stddev | .0000331 | .0000787 | .006895  | .000275  | .000090  | .0005581 | .0075679 |
| %RSD   | 110.5598 | 610.0175 | 70.70090 | 444.4614 | 65.71141 | 92.58698 | 133.5089 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000316 | .0000705 | -.002371 | .000244  | -.000034 | .0003072 | .0102051 |
| #2 | -.000004 | .0000450 | -.010858 | -.000289 | -.000179 | .0012466 | .0098682 |
| #3 | .000062  | -.000077 | -.016026 | -.000141 | -.000199 | .0002547 | -.003068 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000508 | -.003484 | -.000230 | .0000406 | -.158591 | .0000111 | -.002582 |
| Stddev | .000397  | .021258  | .000059  | .0000691 | .044721  | .0006865 | .001746  |
| %RSD   | 78.07032 | 610.2206 | 25.58935 | 170.2670 | 28.19918 | 6171.776 | 67.63377 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000058 | .020864  | -.000175 | .0001096 | -.176936 | .0002113 | -.004396 |
| #2 | -.000660 | -.018354 | -.000223 | .0000408 | -.107614 | .0005753 | -.002437 |
| #3 | -.000807 | -.012961 | -.000293 | -.000029 | -.191221 | -.000753 | -.000913 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.085236 | .0006455 | -.000922 | .0007509 | .0007216 | -.011889 | -.000111 |
| Stddev | .006043  | .0019044 | .000318  | .0000528 | .0028962 | .001005  | .000661  |
| %RSD   | 7.089371 | 295.0486 | 34.45736 | 7.034459 | 401.3740 | 8.451692 | 596.8590 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.085347 | -.001517 | -.000785 | .0007754 | -.001822 | -.011398 | -.000194 |
| #2 | -.079139 | .002071  | -.001286 | .0007870 | .000113  | -.011225 | -.000727 |
| #3 | -.091223 | .001383  | -.000696 | .0006903 | .003874  | -.013045 | .000588  |

Sample Name: CCB078      Acquired: 11/17/2017 19:40:54      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v283)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB078      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0001335 | -.001972 | .0000246 |
| Stddev | .0005677 | .000421  | .0000165 |
| %RSD   | 425.2823 | 21.36689 | 67.03527 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0005557 | -.001647 | .0000342 |
| #2 | -.000512 | -.002448 | .0000341 |
| #3 | .000357  | -.001822 | .0000056 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1576.772 | 3158.939 | 43956.43 | 7315.300 | 4508.312 |
| Stddev    | 19.256   | 2.388    | 226.01   | 24.768   | 3.434    |
| %RSD      | 1.221261 | .0756106 | .5141748 | .3385793 | .0761747 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1564.885 | 3156.277 | 43889.35 | 7341.949 | 4511.770 |
| #2 | 1598.989 | 3160.896 | 44208.39 | 7310.964 | 4504.902 |
| #3 | 1566.442 | 3159.642 | 43771.55 | 7292.985 | 4508.264 |